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40	HEMBA1003078	C-HEMBA1003078	16383	
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45	HEMBA1003133	C-HEMBA1003133	16389	16390
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35	HEMBA1005894	C-HEMBA1005894	16546	
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	HEMBB1002092	C-HEMBB1002092	16787	16788
15	HEMBB1002139	C-HEMBB1002139	16789	
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	HEMBB1002190	C-HEMBB1002190	16792	16793
	HEMBB1002193	C-HEMBB1002193	16794	16795
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	HEMBB1002232	C-HEMBB1002232	16799	
25	HEMBB1002247	C-HEMBB1002247	16800	16801
	HEMBB1002249	C-HEMBB1002249	16802	
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55	HEMBB1002596	C-HEMBB1002596	16831	

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	NT2RP1000460	C-NT2RP1000460	18622	18623
20	NT2RP1000746	C-NT2RP1000746	18624	18625
	NT2RP1000796	C-NT2RP1000796	18626	18627
	NT2RP1001013	C-NT2RP1001013	18628	18629
	NT2RP2001214	C-NT2RP2001214	18630	18631
25	NT2RP2001233	C-NT2RP2001233	18632	18633
	NT2RP2002056	C-NT2RP2002056	18634	18635
	NT2RP2002105	C-NT2RP2002105	18636	18637
	NT2RP2002333	C-NT2RP2002333	18638	18639
30	NT2RP2002677	C-NT2RP2002677	18640	
	NT2RP2002755	C-NT2RP2002755	18641	
	NT2RP2002843	C-NT2RP2002843	18642	
35	NT2RP2003101	C-NT2RP2003101	18643	18644
	NT2RP2003668	C-NT2RP2003668	18645	18646
	NT2RP2003799	C-NT2RP2003799	18647	
	NT2RP2004095	C-NT2RP2004095	18648	18649
40	NT2RP2004300	C-NT2RP2004300	18650	18651
	NT2RP2004675	C-NT2RP2004675	18652	18653
	NT2RP2004920	C-NT2RP2004920	18654	18655
45	NT2RP2005144	C-NT2RP2005144	18656	18657
	NT2RP2005719	C-NT2RP2005719	18658	
	NT2RP2005726	C-NT2RP2005726	18659	18660
	NT2RP2005776	C-NT2RP2005776	18661	18662
50	NT2RP2005980	C-NT2RP2005980	18663	
	NT2RP2006184	C-NT2RP2006184	18664	18665
	NT2RP2006534	C-NT2RP2006534	18666	
55	NT2RP2006554	C-NT2RP2006554	18667	18668

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	NT2RP3000584	C-NT2RP3000584	18669	
	NT2RP3001115	C-NT2RP3001115	18670	
5	NT2RP3001723	C-NT2RP3001723	18671	18672
	NT2RP3001938	C-NT2RP3001938	18673	18674
	NT2RP3002330	C-NT2RP3002330	18675	18676
	NT2RP3002402	C-NT2RP3002402	18677	18678
10	NT2RP3002484	C-NT2RP3002484	18679	18680
	NT2RP3002512	C-NT2RP3002512	18681	18682
	NT2RP3002713	C-NT2RP3002713	18683	
	NT2RP3002799	C-NT2RP3002799	18684	
15	NT2RP3002810	C-NT2RP3002810	18685	18686
	NT2RP3002818	C-NT2RP3002818	18687	18688
	NT2RP3002955	C-NT2RP3002955	18689	
20	NT2RP3002985	C-NT2RP3002985	18690	18691
	NT2RP3003059	C-NT2RP3003059	18692	18693
	NT2RP3003121	C-NT2RP3003121	18694	18695
	NT2RP3003133	C-NT2RP3003133	18696	18697
25	NT2RP3003155	C-NT2RP3003155	18698	18699
	NT2RP3003157	C-NT2RP3003157	18700	18701
	NT2RP3003185	C-NT2RP3003185	18702	18703
30	NT2RP3003264	C-NT2RP3003264	18704	18705
	NT2RP3003346	C-NT2RP3003346	18706	
	NT2RP3003403	C-NT2RP3003403	18707	
	NT2RP3003411	C-NT2RP3003411	18708	18709
35	NT2RP3003500	C-NT2RP3003500	18710	18711
	NT2RP3003572	C-NT2RP3003572	18712	18713
	NT2RP3003576	C-NT2RP3003576	18714	18715
40	NT2RP3003665	C-NT2RP3003665	18716	18717
	NT2RP3003672	C-NT2RP3003672	18718	
	NT2RP3003680	C-NT2RP3003680	18719	18720
	NT2RP3003799	C-NT2RP3003799	18721	18722
45	NT2RP3003800	C-NT2RP3003800	18723	18724
	NT2RP3003828	C-NT2RP3003828	18725	18726
	NT2RP3003932	C-NT2RP3003932	18727	
	NT2RP3003992	C-NT2RP3003992	18728	18729
50	NT2RP3004013	C-NT2RP3004013	18730	18731
	NT2RP3004028	C-NT2RP3004028	18732	18733
	NT2RP3004041	C-NT2RP3004041	18734	18735
55	NT2RP3004051	C-NT2RP3004051	18736	18737

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	NT2RP3004078	C-NT2RP3004078	18738	18739
	NT2RP3004093	C-NT2RP3004093	18740	18741
5	NT2RP3004095	C-NT2RP3004095.....	18742	18743
	NT2RP3004125	C-NT2RP3004125	18744	18745
	NT2RP3004148	C-NT2RP3004148	18746	18747
	NT2RP3004155	C-NT2RP3004155	18748	18749
10	NT2RP3004189	C-NT2RP3004189	18750	18751
	NT2RP3004332	C-NT2RP3004332	18752	18753
	NT2RP3004349	C-NT2RP3004349	18754	
15	NT2RP4000035	C-NT2RP4000035	18755	
	NT2RP4000049	C-NT2RP4000049	18756	
	NT2RP4000102	C-NT2RP4000102	18757	
	NT2RP4000167	C-NT2RP4000167	18758	18759
20	NT2RP4000515	C-NT2RP4000515	18760	
	NT2RP4000517	C-NT2RP4000517	18761	
	NT2RP4000519	C-NT2RP4000519	18762	18763
	NT2RP5003512	C-NT2RP5003512	18764	18765
25	OVARC1000092	C-OVARC1000092	18766	
	OVARC1000533	C-OVARC1000533	18767	
	OVARC1000678	C-OVARC1000678	18768	
30	OVARC1000689	C-OVARC1000689	18769	18770
	OVARC1000802	C-OVARC1000802	18771	
	OVARC1000890	C-OVARC1000890	18772	18773
	OVARC1000945	C-OVARC1000945	18774	18775
35	OVARC1001072	C-OVARC1001072	18776	18777
	OVARC1001117	C-OVARC1001117	18778	18779
	OVARC1001200	C-OVARC1001200	18780	18781
	OVARC1001244	C-OVARC1001244	18782	18783
40	OVARC1001329	C-OVARC1001329	18784	18785
	OVARC1001341	C-OVARC1001341	18786	18787
	OVARC1001376	C-OVARC1001376	18788	
45	OVARC1001496	C-OVARC1001496	18789	18790
	OVARC1001873	C-OVARC1001873	18791	
	PLACE1000007	C-PLACE1000007	18792	18793
	PLACE1000547	C-PLACE1000547	18794	18795
50	PLACE1001036	C-PLACE1001036	18796	18797
	PLACE1001076	C-PLACE1001076	18798	
	PLACE1001118	C-PLACE1001118	18799	18800
55	PLACE1001366	C-PLACE1001366	18801	18802

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	PLACE1001608	C-PLACE1001608	18803	18804
	PLACE1002004	C-PLACE1002004	18805	18806
5	PLACE1002256	C-PLACE1002256	18807	
	PLACE1002437	C-PLACE1002437	18808	18809
	PLACE1002591	C-PLACE1002591	18810	18811
	PLACE1002665	C-PLACE1002665	18812	18813
10	PLACE1003864	C-PLACE1003864	18814	18815
	PLACE1004793	C-PLACE1004793	18816	18817
	PLACE1004913	C-PLACE1004913	18818	18819
	PLACE1004979	C-PLACE1004979	18820	
15	PLACE1005052	C-PLACE1005052	18821	18822
	PLACE1005055	C-PLACE1005055	18823	18824
	PLACE1005128	C-PLACE1005128	18825	18826
20	PLACE1005162	C-PLACE1005162	18827	18828
	PLACE1005176	C-PLACE1005176	18829	18830
	PLACE1005467	C-PLACE1005467	18831	18832
	PLACE1005584	C-PLACE1005584	18833	18834
25	PLACE1005611	C-PLACE1005611	18835	18836
	PLACE1005802	C-PLACE1005802	18837	
	PLACE1005850	C-PLACE1005850	18838	
30	PLACE1005898	C-PLACE1005898	18839	18840
	PLACE1005932	C-PLACE1005932	18841	
	PLACE1006129	C-PLACE1006129	18842	18843
	PLACE1006360	C-PLACE1006360	18844	
35	PLACE1006795	C-PLACE1006795	18845	
	PLACE1006878	C-PLACE1006878	18846	18847
	PLACE1007557	C-PLACE1007557	18848	
	PLACE1007807	C-PLACE1007807	18849	18850
40	PLACE1008181	C-PLACE1008181	18851	
	PLACE1008426	C-PLACE1008426	18852	18853
	PLACE1008941	C-PLACE1008941	18854	18855
45	PLACE1009935	C-PLACE1009935	18856	18857
	PLACE1010310	C-PLACE1010310	18858	18859
	PLACE1011891	C-PLACE1011891	18860	
	PLACE1011896	C-PLACE1011896	18861	18862
50	PLACE2000003	C-PLACE2000003	18863	
	PLACE2000132	C-PLACE2000132	18864	18865
	PLACE2000170	C-PLACE2000170	18866	
55	PLACE2000335	C-PLACE2000335	18867	18868

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	PLACE3000124	C-PLACE3000124	18869	18870
	PLACE3000158	C-PLACE3000158	18871	
5	PLACE3000207	C-PLACE3000207	18872	
	PLACE3000221	C-PLACE3000221	18873	18874
	PLACE3000271	C-PLACE3000271	18875	18876
	PLACE3000304	C-PLACE3000304	18877	
10	PLACE3000322	C-PLACE3000322	18878	18879
	PLACE3000341	C-PLACE3000341	18880	
	PLACE3000373	C-PLACE3000373	18881	18882
	PLACE3000399	C-PLACE3000399	18883	18884
15	PLACE3000401	C-PLACE3000401	18885	
	PLACE3000402	C-PLACE3000402	18886	
	PLACE3000406	C-PLACE3000406	18887	18888
20	PLACE3000475	C-PLACE3000475	18889	
	PLACE4000063	C-PLACE4000063	18890	18891
	PLACE4000093	C-PLACE4000093	18892	
	PLACE4000100	C-PLACE4000100	18893	18894
25	PLACE4000247	C-PLACE4000247	18895	18896
	PLACE4000250	C-PLACE4000250	18897	18898
	PLACE4000252	C-PLACE4000252	18899	18900
	PLACE4000259	C-PLACE4000259	18901	18902
30	PLACE4000320	C-PLACE4000320	18903	
	PLACE4000344	C-PLACE4000344	18904	
	PLACE4000367	C-PLACE4000367	18905	18906
35	PLACE4000401	C-PLACE4000401	18907	18908
	PLACE4000411	C-PLACE4000411	18909	18910
	PLACE4000487	C-PLACE4000487	18911	18912
	PLACE4000494	C-PLACE4000494	18913	18914
40	PLACE4000521	C-PLACE4000521	18915	18916
	PLACE4000548	C-PLACE4000548	18917	18918
	SKNMC1000013	C-SKNMC1000013	18919	18920
45	SKNMC1000091	C-SKNMC1000091	18921	18922
	THYRO1000343	C-THYRO1000343	18923	18924
	THYRO1000569	C-THYRO1000569	18925	18926
	THYRO1001142	C-THYRO1001142	18927	
50	THYRO1001189	C-THYRO1001189	18928	18929
	THYRO1001320	C-THYRO1001320	18930	18931
	THYRO1001537	C-THYRO1001537	18932	18933
55	THYRO1001721	C-THYRO1001721	18934	18935

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	THYR01001828	C-THYR01001828	18936	18937
	Y79AA1000346	C-Y79AA1000346	18938	18939
5	Y79AA1001167	C-Y79AA1001167	18940	
	Y79AA1001384	C-Y79AA1001384	18941	18942
	Y79AA1001875	C-Y79AA1001875	18943	
	Y79AA1002103	C-Y79AA1002103	18944	18945
10	HEMBA1000290	C-HEMBA1000290	18946	
	HEMBA1001196	C-HEMBA1001196	18947	18948
	HEMBA1006650	C-HEMBA1006650	18949	18950
15	HEMBA1006796	C-HEMBA1006796	18951	18952
	HEMBB1000337	C-HEMBB1000337	18953	18954
	HEMBB1001619	C-HEMBB1001619	18955	
	MAMMA1000270	C-MAMMA1000270	18956	
20	MAMMA1000559	C-MAMMA1000559	18957	
	MAMMA1000940	C-MAMMA1000940	18958	
	MAMMA1002545	C-MAMMA1002545	18959	
25	MAMMA1002972	C-MAMMA1002972	18960	18961
	NT2RP2001440	C-NT2RP2001440	18962	18963
	NT2RP3002770	C-NT2RP3002770	18964	18965
	NT2RP3003138	C-NT2RP3003138	18966	18967
30	NT2RP3004470	C-NT2RP3004470	18968	
	OVARC1000891	C-OVARC1000891	18969	
	PLACE1001545	C-PLACE1001545	18970	18971
	PLACE1003383	C-PLACE1003383	18972	
35	PLACE1005549	C-PLACE1005549	18973	18974
	PLACE1008455	C-PLACE1008455	18975	
	PLACE4000131	C-PLACE4000131	18976	18977
40	PLACE4000261	C-PLACE4000261	18978	18979
	THYR01001602	C-THYR01001602	18980	
	HEMBA1006092	C-HEMBA1006092	18981	
	HEMBA1006406	C-HEMBA1006406	18982	
45	HEMBB1000790	C-HEMBB1000790	18983	
	HEMBB1000917	C-HEMBB1000917	18984	
	HEMBB1002280	C-HEMBB1002280	18985	
	MAMMA1000802	C-MAMMA1000802	18986	
50	MAMMA1001322	C-MAMMA1001322	18987	
	MAMMA1002597	C-MAMMA1002597	18988	
	MAMMA1002868	C-MAMMA1002868	18989	
55	NT2RP2003161	C-NT2RP2003161	18990	18991

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	NT2RP2003339	C-NT2RP2003339	18992	
	NT2RP3001282	C-NT2RP3001282	18993	18994
5	PLACE1001761	C-PLACE1001761.....	18995	18996
	PLACE1004491	C-PLACE1004491	18997	
	PLACE1004686	C-PLACE1004686	18998	
10	PLACE1005574	C-PLACE1005574	18999	
	PLACE1006382	C-PLACE1006382	19000	
	PLACE1006792	C-PLACE1006792	19001	
15	PLACE3000455	C-PLACE3000455	19002	19003
	PLACE4000230	C-PLACE4000230	19004	19005
	THYRO1000916	C-THYRO1000916	19006	
20	HEMBA1000327	C-HEMBA1000327	19007	19008
	HEMBB1000637	C-HEMBB1000637	19009	19010
	HEMBB1001967	C-HEMBB1001967	19011	
	MAMMA1000266	C-MAMMA1000266	19012	
25	NT2RP2002979	C-NT2RP2002979	19013	
	PLACE1007866	C-PLACE1007866	19014	19015
	PLACE3000350	C-PLACE3000350	19016	19017
30	PLACE4000156	C-PLACE4000156	19018	19019
	THYRO1001637	C-THYRO1001637	19020	19021
	MAMMA1002215	C-MAMMA1002215	19022	19023
35	MAMMA1002721	C-MAMMA1002721	19024	
	NT2RP2002070	C-NT2RP2002070	19025	

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Table 352

Expression of each cDNA in synovial cells or in the synovial cells in the presence of TNF
(This table also contains clones without description in Examples)

In the table, Synoviocyte and Synoviocyte_TNF represent synovial cells and TNF-treated synovial cells, respectively. The assay was performed in triplicate (n=3), and each result is shown in the column of exp.1, exp.2, or exp.3. In addition, "t-test vs TNF" represents a result of test for significance of difference between the untreated synovial cells and the TNF-treated synovial cells. The increase and decrease in the expression level of a particular gene in response to TNF are represented by + and -, respectively. The results of test for significance of difference are shown in the columns of *:p<0.05 and **:p<0.01.

Clone	Synoviocyte			Synoviocyte_TNF			t test INC.	
	exp. 1	exp. 2	exp. 3	exp. 1	exp. 2	exp. 3	vs TNF	and DEC.

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	GAPDH (Cr1)	0.4	0.8	0.89	0.9	1	1.15		
	β actin (Cr2)	385.94	262.23	582.98	443.28	422.61	573.47		
5	ADRGL1000005	2.72	2.97	4.46	7.27	7.45	3.51		
	ADRGL1000007	4.36	5.19	9.58	20.78	19.59	18.29	**	+
	ADRGL1000009	0.99	1.25	1.64	2.16	4.08	2.02		
10	ADRGL1000011	1.98	3.56	5.24	22.22	23.49	19.81	**	+
	ADRGL1000027	0.79	1.22	1.66	2.82	4.99	1.9		
	ADRGL1000058	4.12	7.08	26.9	62.55	67.32	49.15	**	+
	ADRGL1000069	1.91	1.68	2.47	14.19	14.54	13.74	**	+
15	ADRGL1000077	1.98	2	2.54	5.5	2.9	4.16		
	ADRGL1000092	2.99	4.79	12.53	21.46	22.09	26.19	**	+
	ADRGL1000099	2.77	4.79	12.85	23.61	24.02	25.56	**	+
	ADRGL1000136	20.49	27.18	31.85	62.44	40.69	48.29	*	+
20	ADRGL1000147	2.09	2.58	5.47	5.69	7.52	3.85		
	ADRGL1000159	1.51	1.77	3.07	3.4	4.71	2.59		
	ADRGL1000160	2.42	4.34	6.89	8.08	7.24	7.06		
25	ADRGL1000171	0.95	1.11	1.64	1.89	2.69	1.87		
	ADRGL1000181	0.64	1.37	1.74	3.99	4.27	3.89	**	+
	BGGI11000015	2.13	3.89	5.02	10.49	11.35	9.14	**	+
	BGGI11000016	27.77	35.71	52.17	57.18	48.51	63.57		
30	BGGI11000017	1.29	3.19	3.14	3.24	3.65	2.34		
	BGGI11000022	4.72	4.45	6.75	10.71	5.56	8.27		
	BGGI11000031	4.47	6.58	8.77	14.79	11.63	10.04	*	+
35	BGGI11000042	9.55	11.29	20.54	23.39	18.75	20.23		
	BGGI11000046	8.56	9.77	17.04	34.24	30.76	25.79	**	+
	BNGH41000020	246.16	211.77	380.83	658.32	647.37	559.16	**	+
	BNGH41000025	4.31	3.12	6.92	11.4	13.1	15.01	**	+
40	BNGH41000026	2.71	4.77	7.53	4.45	7.17	6.23		
	BNGH41000027	11.52	13.5	12.69	20.62	12.48	24.91		
	BNGH41000035	23.02	25.91	36.46	51.05	31.83	41.67		
45	BNGH41000037	2.7	5.21	6.72	12.95	8.98	8.59	*	+
	BNGH41000042	14.55	16.06	22.84	49.62	37.57	36.25	**	+
	BNGH41000048	3.92	6.27	25.68	66.19	74.4	66.21	**	+
	BNGH41000056	0.74	1.75	3.26	5.28	7.34	3.75	*	+
50	BNGH41000087	3.36	4.08	5.19	5.59	8.15	3.01		
	BNGH41000091	0.18	1.45	2.47	2.72	3.4	2.14		
	BNGH41000157	6.93	7.99	6.23	13.37	10.28	9.98	*	+
55	BNGH41000169	1.09	1.53	2.99	2.77	4.23	2.59		
	BNGH41000181	3.5	4.06	7.5	5.71	6.81	6.09		

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	BNGH41000198	1.32	2.3	4.35	2.06	2.55	2.22		
	BNGH41000219	2.29	3.91	5.61	12.4	13.73	10.76	**	+
5	BNGH41000229	9.65	9.99	12.99	18.34	18.92	18.94	**	+
	BNGH41000237	8.4	12.99	12.61	27.63	11.26	13.45		
	BNGH41000238	1.56	2.59	6.77	3.45	4.55	3.32		
10	BNGH41000243	5.56	8.95	6.71	15.03	12.55	16.36	**	+
	BNGH41000270	2.94	2.77	2.88	3.67	3.99	3.74	**	+
	BRAWH1000004	1	2.19	6.99	6.45	8.36	6		
	BRAWH1000018	1.8	2.24	5.06	4.43	6.95	5.24		
15	BRAWH1000021	1.33	2.73	4.81	4.16	5.85	5.21		
	BRAWH1000027	0.58	1.7	1.62	2.39	3.65	2.63	*	+
	BRAWH1000029	2.32	3.63	6.21	6.03	6.73	4.81		
20	BRAWH1000040	4.68	4.98	8.01	7.28	7.2	8.67		
	BRAWH1000050	11.04	10.47	43.79	51.7	73.7	60.92	*	+
	BRAWH1000051	2.14	0.63	2.71	2.25	4.43	1.04		
	BRAWH1000060	7.84	8.07	48.26	59.16	66.12	63.86	*	+
25	BRAWH1000075	1.85	1.86	2.98	2.07	4.4	2.34		
	BRAWH1000081	1.88	2.78	7.19	5.9	10.82	7.4		
	BRAWH1000084	30.23	30.57	65.21	235.81	180.86	211.35	**	+
30	BRAWH1000095	1.38	2.47	4.51	3	4.78	2.67		
	BRAWH1000096	1.37	2.89	4.71	3.7	4.8	5.17		
	BRAWH1000097	3.32	3.27	10.74	9.24	10.62	7.75		
	BRAWH1000100	4.77	5.19	7.69	6.98	7.06	7.28		
35	BRAWH1000101	12	12.04	36.52	46.19	41.09	50.21	*	+
	BRAWH1000104	1.37	0.92	4.33	1.47	4.47	2.41		
	BRAWH1000107	0.62	1.88	2.48	2.43	5.03	3.15		
40	BRAWH1000110	4.4	4.06	16.81	13.87	11.1	15.74		
	BRAWH1000111	3.98	6.14	6.05	8.85	8.95	10.64	*	+
	BRAWH1000135	4.95	4.91	7.7	7.37	9.42	9.98		
	BRAWH1000190	2.22	3.84	5.07	4.66	7.16	4.99		
45	HEMBA1000005	5.91	6.44	11.97	17.55	22.88	18.65	*	+
	HEMBA1000006	2.61	3.17	4.64	3.08	8.49	4.75		
	HEMBA1000012	10.97	11.75	51.07	71.4	106.82	74.8	*	+
	HEMBA1000020	50.65	49.12	113.3	197.41	293.79	216.89	*	+
50	HEMBA1000030	1.93	3.08	4.67	5.72	3.62	6.43		
	HEMBA1000034	3.27	3.21	5.35	4.62	10.29	6.85		
	HEMBA1000042	1.64	3.17	6	4.72	6.92	8.12		
	HEMBA1000045	7.13	9.44	11.07	9.55	14.43	10.44		
55	HEMBA1000046	1.14	2.24	2.77	3.73	5.3	4.34	*	+

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	HEMBA1000047	1.17	1.99	3.83	2.98	4.47	3.78		
	HEMBA1000048	3.76	4.75	3.64	8.73	12.38	5.48		
5	HEMBA1000050	0.48	1.77	1.78	1.4	3.39	1.46		
	HEMBA1000053	1.64	1.28	2.57	4.68	4.03	3.99	**	+
	HEMBA1000060	1.88	2.71	4.51	7.29	7.94	9.74	**	+
10	HEMBA1000072	52.79	53.46	135.73	165.97	221.75	230.97	*	+
	HEMBA1000073	16.54	11.43	27.32	22.4	36.09	33.78		
	HEMBA1000076	5.06	5.33	9.77	12.16	10.46	11.15	*	+
	HEMBA1000084	4.75	4.46	20.71	30.15	43.67	33.92	*	+
15	HEMBA1000087	0.51	1	3.32	0.65	2.82	1.61		
	HEMBA1000088	1.98	2.97	4.6	6.2	9.87	8.46	*	+
	HEMBA1000091	6.36	5.4	17.56	30.15	44.04	35.43	**	+
	HEMBA1000111	1.52	1.77	3.63	5.29	6.65	6.4	**	+
20	HEMBA1000121	0.86	1.17	3.58	3.52	4.47	5.83		
	HEMBA1000128	1.52	2.99	6.04	4.28	6.05	5.93		
	HEMBA1000129	2.04	1.81	3.95	2.66	3.26	3.32		
25	HEMBA1000141	2.31	3.45	5.98	3.56	6.67	5.6		
	HEMBA1000146	0.84	1.29	2.96	1.93	4.98	3.52		
	HEMBA1000150	3.34	3.29	10.65	8.27	11.97	9.46		
	HEMBA1000154	25.17	29.21	82.33	128.3	134.42	139.59	**	+
30	HEMBA1000156	3.28	4	5.87	8.69	6.19	6.13		
	HEMBA1000158	7.98	10.04	12.52	16.99	15.47	12.88		
	HEMBA1000168	1.21	2.2	4.11	5.7	7.3	5.21	*	+
35	HEMBA1000180	0.4	2.04	2.87	2.86	4.06	2.05		
	HEMBA1000185	1.65	3.84	4.88	7.5	9.46	9.07	**	+
	HEMBA1000188	1.37	1.64	3.31	4.94	4.19	3.35		
	HEMBA1000193	1.53	0.66	3.16	2.68	4.33	2.5		
40	HEMBA1000194	2.18	2.95	5.68	9.11	8.74	8.83	**	+
	HEMBA1000201	2.6	4.47	9.74	13.45	14.8	14.65	*	+
	HEMBA1000213	1.33	1.95	2.76	2.08	4.49	3.7		
45	HEMBA1000216	1.26	1.82	3.27	2.92	5.2	3.47		
	HEMBA1000227	0.99	2.27	2.38	3.28	4.21	1.83		
	HEMBA1000231	1.5	1.97	5	7.56	7.19	6.16	*	+
	HEMBA1000237	4.5	6.13	9.14	14.79	18.3	14.71	**	+
50	HEMBA1000243	0.6	1.89	3.01	4.3	4.34	3.67	*	+
	HEMBA1000244	1.54	2.45	3.78	6.08	5.58	3.36		
	HEMBA1000251	1.15	1.92	2.97	2.26	4.59	3.22		
	HEMBA1000254	0.69	1.8	4.81	3.57	4.97	3.58		
55	HEMBA1000264	0.84	2.28	3.01	2.84	3.23	3.12		

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	HEMBA1000269	1.9	2.34	3.69	4.41	4.09	2.51		
	HEMBA1000275	5.31	4.29	8.03	7.96	12.04	8.54		
5	HEMBA1000280	1.43	0.83	2.19	3.3	4.08	4	**	+
	HEMBA1000282	1.15	1.01	4.23	6.29	7.01	5.46	*	+
	HEMBA1000287	2.86	3.19	4.45	5.81	6.04	6.37	**	+
	HEMBA1000288	1.37	2.23	6.13	3.51	6.02	3.85		
10	HEMBA1000290	1.01	2.17	4.11	2.46	3.26	2.73		
	HEMBA1000296	2.4	3.66	5.49	6.15	6.55	5.84		
	HEMBA1000300	1.22	2.73	6.6	7.64	8.88	7.23		
15	HEMBA1000302	0.93	2.17	2.86	3.04	3.74	1.97		
	HEMBA1000303	1.36	2.15	3.57	4.13	4.43	3		
	HEMBA1000304	1.06	1.99	4.26	5.51	7.28	4.87	*	+
	HEMBA1000307	1.21	1.73	2.65	4.4	5.64	2.99	*	+
20	HEMBA1000312	6	8.7	10.77	13.2	9.18	9.65		
	HEMBA1000318	1.5	4.22	3.25	5.39	6.05	4.49		
	HEMBA1000327	2.18	3.7	3.34	10.58	6.06	6.02	*	+
25	HEMBA1000333	0.68	2.75	4.33	3.12	4.74	2.98		
	HEMBA1000338	1.61	2.84	5.33	5.8	5.78	4.32		
	HEMBA1000343	1.79	3.5	3.69	5.55	6.7	3.99		
	HEMBA1000349	0.97	1.52	3.24	3.9	5.37	4.09	*	+
30	HEMBA1000351	1.6	2.06	5.75	4.8	6.22	5.24		
	HEMBA1000355	1.52	3.09	4.09	3.78	5.14	3.59		
	HEMBA1000356	9.3	10.42	14.39	26.93	22.26	24.97	**	+
35	HEMBA1000357	1.88	2.11	4.76	3.81	5.7	4.62		
	HEMBA1000366	1.67	1.94	3.83	3.14	4.75	3.28		
	HEMBA1000369	1.87	2.94	5.17	2.82	5.2	4.56		
	HEMBA1000370	2.45	3.4	4.63	3.75	5.34	3.6		
40	HEMBA1000376	3.64	4.55	14.48	26.69	29.98	28.36	**	+
	HEMBA1000387	2.95	3.19	6.2	7.85	7.62	8.15	*	+
	HEMBA1000389	2.88	3.74	8.83	14.4	10.9	13.61	*	+
	HEMBA1000390	1.86	2.27	3.5	4.28	4.98	3.95	*	+
45	HEMBA1000392	1.49	1.4	3.06	2.58	3.78	1.94		
	HEMBA1000396	1.82	2.16	3.45	3.43	4.93	3.34		
	HEMBA1000411	1.01	1.41	4.49	1.94	4.41	2.21		
50	HEMBA1000418	2.85	3.21	4.41	7.75	6.81	5.17	*	+
	HEMBA1000422	0.99	1.89	2.14	2.64	4.03	2.89		
	HEMBA1000428	0.36	2.43	3.09	2.58	3.31	2.75		
	HEMBA1000434	0.54	2.19	2.93	2.11	3.6	2.69		
55	HEMBA1000442	0.82	2.2	3.37	2.13	3.8	2.28		

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	HEMBA1000443	1.19	1.9	3.12	2.99	6.28	3.59		
	HEMBA1000446	38.48	43.56	75.05	56.34	60.86	69.87		
5	HEMBA1000456	5.19	4.41	6.5	7.45	5.62	8.77		
	HEMBA1000459	1.95	2.11	4.24	3.46	6.17	5.55		
	HEMBA1000460	7.46	7.84	8.87	13.59	12.54	18.45	*	+
	HEMBA1000462	2.11	3.51	5.04	6.05	5.16	7.49		
10	HEMBA1000464	1.33	0.96	1.73	1.69	2.74	2.53		
	HEMBA1000468	1.25	1.44	2.43	1.69	3.48	2.22		
	HEMBA1000469	2.89	3.37	8.1	5.42	8.81	8.01		
15	HEMBA1000477	2.87	3.03	7.4	5.41	9.68	6.83		
	HEMBA1000481	29.67	31.97	31.95	42.76	52.75	25.82		
	HEMBA1000488	1.75	2.43	2.96	3.11	5.9	3		
	HEMBA1000490	1.34	2	3.49	4.41	3.7	2.88		
20	HEMBA1000491	1.21	1.71	2.85	4.24	4.99	5.97	*	+
	HEMBA1000498	2.12	3.21	4.55	4.39	7.76	5.94		
	HEMBA1000501	2.22	3.36	6.25	6.44	8.93	9.74	*	+
25	HEMBA1000504	2.93	3.18	4.82	3.63	5.37	3.83		
	HEMBA1000505	0.81	1.97	3.33	2.72	5.1	3.58		
	HEMBA1000507	1.02	2.24	5.29	4.17	8.62	7		
	HEMBA1000508	2.25	2.3	7.65	4.84	8.57	6.64		
30	HEMBA1000518	1.38	0.96	0.98	1.89	2.97	1.8	*	+
	HEMBA1000519	9.5	7.28	15.97	19.28	20.99	19.72	*	+
	HEMBA1000520	0.45	1.12	1.18	1.94	4.83	4.3	*	+
35	HEMBA1000523	2.32	1.88	3.22	3.48	5.33	3.65		
	HEMBA1000531	1.39	1.46	2.44	2.67	5.34	4.63	*	+
	HEMBA1000534	0.55	0.95	2.97	6.63	11.62	10.39	**	+
	HEMBA1000538	0.51	1.08	2.31	12.58	21.02	13.18	**	+
40	HEMBA1000540	2.8	3.11	6.06	5.82	10.38	6.39		
	HEMBA1000542	9.16	7.79	43.94	62.25	95.7	81.15	*	+
	HEMBA1000545	1.51	2.31	1.65	3.19	4.29	3.7	**	+
	HEMBA1000547	2.99	3.12	4.94	4.94	5.3	4.97		
45	HEMBA1000551	2.32	1.99	9.54	4.68	7.33	9.81		
	HEMBA1000555	3.81	3.23	6.39	5.03	6.43	8.08		
	HEMBA1000557	2.16	2.06	6.07	3.98	6.46	5.06		
50	HEMBA1000561	1.71	2.9	4.9	1.63	4.39	3.67		
	HEMBA1000563	1.73	1.85	4.09	2.72	3.94	2.83		
	HEMBA1000567	1.02	1.01	1.67	1.21	2.59	1.92		
	HEMBA1000568	2.19	2.5	6.09	7.62	6.65	6.84		
55	HEMBA1000569	1.3	2.8	3.02	2.18	6.47	2.3		

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	HEMBA1000575	3.73	4.91	10.84	10.19	15.17	13.08		
	HEMBA1000588	1.75	2.49	4.16	3.12	5.5	3.83		
5	HEMBA1000590	0.59	1.02	-2.06	2.24	2.53	1.35		
	HEMBA1000591	3.17	3.3	5.18	10.84	12.16	9.8	**	+
	HEMBA1000592	4.2	5.19	7.77	13.85	14.94	11.78	**	+
10	HEMBA1000594	1.95	1.97	3.16	4	5.86	4.94	*	+
	HEMBA1000604	1.19	3.37	3.48	5.41	10.91	5.29		
	HEMBA1000607	2.83	5.09	12.7	15.52	18.13	20.66	*	+
	HEMBA1000608	0.9	2.34	2.46	2.6	5.5	2.31		
15	HEMBA1000622	0.96	2.19	3.55	3.61	5.24	3.8		
	HEMBA1000634	17.56	22.96	30.36	71.62	60.59	51.59	**	+
	HEMBA1000636	4.59	3.95	6.78	15.48	12.35	12.73	**	+
20	HEMBA1000637	0.93	0.48	2.58	2.42	3.19	2.21		
	HEMBA1000655	1.33	2.11	4.84	6.91	5.57	6.31	*	+
	HEMBA1000657	1.35	1.78	3.24	4.89	5.28	3.26	*	+
	HEMBA1000662	1.3	2.42	2.73	2.52	3.78	2.72		
25	HEMBA1000664	0.94	1.6	2.87	3.11	4.63	2.94		
	HEMBA1000671	2.96	3.84	11.68	21.25	18.69	15.76	*	+
	HEMBA1000673	1.46	2.23	4.76	7.44	7.49	5.51	*	+
	HEMBA1000675	4.18	3.09	4.54	8.18	7.19	8.04	**	+
30	HEMBA1000678	2.23	2.7	4.47	5.03	7.16	5.16		
	HEMBA1000682	3.4	4.64	8.41	13.76	13.69	14.29	**	+
	HEMBA1000686	2.73	3.88	4.83	6.23	6.6	5.32	*	+
35	HEMBA1000702	1.56	2.07	5.25	4.15	5.78	4.32		
	HEMBA1000705	0.65	1.71	3.43	2.34	3.21	1.64		
	HEMBA1000713	3.31	5.6	6.12	6.94	5.86	5.47		
	HEMBA1000718	2.14	2.7	5.25	6.11	5.09	5.95		
40	HEMBA1000719	9.64	12.27	17.77	16.64	15.52	15.64		
	HEMBA1000722	1.97	1.7	3.6	6.55	6.45	5.02	**	+
	HEMBA1000726	2.2	2.23	5.12	9.4	8.77	9.36	**	+
45	HEMBA1000727	4.09	5.35	6.41	5.13	9.08	8.37		
	HEMBA1000732	1.22	2.74	4.21	4.93	5.58	4.42		
	HEMBA1000736	1.56	2.15	3.24	4.11	5.19	4.62	*	+
	HEMBA1000743	1.25	2.72	3.41	5.05	4.88	4.16	*	+
50	HEMBA1000745	1.59	2.47	3.64	4.88	5.33	3.49		
	HEMBA1000747	1.19	1.59	2.56	2.35	3.12	1.49		
	HEMBA1000748	1.67	1.51	4.85	5.11	6.08	4.81		
	HEMBA1000749	1.14	2.04	5.69	5.98	5.91	5.96		
55	HEMBA1000752	1.4	2.3	4.38	3.69	4.53	3.85		

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	HEMBA1000753	2.56	4.21	6.53	7.98	8.59	4.93		
	HEMBA1000757	1.95	2.95	3.27	6.33	6.68	5.94	**	+
5	HEMBA1000760	3.71	3.81	6.62	6.96	7.03	6.89		
	HEMBA1000769	1.99	2.36	5.17	3.48	5.87	2.85		
	HEMBA1000773	1	2.32	3.07	2.17	3.18	1.4		
10	HEMBA1000774	2.69	2.76	6.37	6.29	7.77	5.22		
	HEMBA1000780	1.12	2.33	3.66	2.7	4.78	3.29		
	HEMBA1000783	1.32	2.39	4.1	2.78	7.73	2.57		
	HEMBA1000791	2.07	2.4	6.39	4.97	10.17	7.84		
15	HEMBA1000793	12.73	12.73	17.88	19.93	17.49	16.69		
	HEMBA1000802	1.57	1.65	2.59	2.07	4.41	1.1		
	HEMBA1000813	38.24	35.83	34.83	54.63	42.38	53.94	*	+
20	HEMBA1000817	2.63	3.82	5.44	5.12	7.02	5.49		
	HEMBA1000822	1.83	2.89	4.1	4.42	5.76	3.91		
	HEMBA1000827	2.26	2.74	6.45	9.31	7.75	6.94	*	+
	HEMBA1000833	3.1	4.46	7.31	8.06	4.49	4.85		
25	HEMBA1000835	12.53	15.55	75.61	94.51	110.02	86.95	*	+
	HEMBA1000843	1.21	2.2	4.6	3.32	5.63	4.93		
	HEMBA1000851	2.13	1.26	3.5	2.7	5.61	2.74		
	HEMBA1000852	1.95	1.83	5.5	3.52	5.49	3.83		
30	HEMBA1000867	0.85	2.79	4.72	2.77	5.39	3.07		
	HEMBA1000869	0.58	1.29	2.51	2.84	3.97	2.38		
	HEMBA1000870	2.56	2.97	2.59	3.39	5.16	5.49	*	+
35	HEMBA1000872	1.44	2.87	4.01	4.31	4.14	4.34		
	HEMBA1000875	1.89	3.09	5	3.8	4.38	3.77		
	HEMBA1000876	1.75	3.36	4.64	3.9	6.21	4.9		
	HEMBA1000907	1.99	2.47	3.81	3.21	7.15	5.53		
40	HEMBA1000908	0.81	2.06	3.85	2	5.43	1.98		
	HEMBA1000910	1.97	1.61	3.71	3.35	5.25	2.98		
	HEMBA1000918	0.76	1.34	4.37	4.93	6.54	6.95	*	+
	HEMBA1000919	0.86	1.97	2.19	2.49	3.07	3.07		
45	HEMBA1000934	2.5	2.56	1.16	2.14	3.51	2.5		
	HEMBA1000935	1.46	1.62	4.21	2.08	5.15	3.64		
	HEMBA1000940	1.98	3.08	3.1	2.52	9.96	5.72		
50	HEMBA1000942	2.31	2.27	4.77	4.81	7.75	6.69		
	HEMBA1000943	0.58	1.25	2.28	1.83	3.38	2.18		
	HEMBA1000946	3.63	4.04	4.54	6.87	14.9	8.4		
	HEMBA1000960	2.63	3.48	9.97	10.24	12.79	10.7		
55	HEMBA1000962	1.99	2.18	2.01	4.43	3.83	4.56	**	+

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	HEMBA1000968	1.73	1.86	4.7	4.1	4.83	4.66		
	HEMBA1000971	1.75	2.51	2.9	4.18	5.27	5.71	**	+
5	HEMBA1000972	1.45	1.57	3.83	2.63	4.44	3.49		
	HEMBA1000974	1.69	2.69	6.33	7.39	9.35	8.82	*	+
	HEMBA1000975	0.9	1.83	4.17	3.31	5.54	5.12		
10	HEMBA1000979	1.45	1.69	3.98	2.55	6.12	3.93		
	HEMBA1000981	4.21	6.9	9.5	11.75	13.27	14.72	*	+
	HEMBA1000983	1.94	1.45	3.01	3.89	4.53	4.15	*	+
	HEMBA1000985	1.58	0.92	2.75	1.73	3.28	2.79		
15	HEMBA1000986	1.2	1.48	2.47	3.61	4.91	4.26	**	+
	HEMBA1000991	1.56	1.86	3.8	3.11	5.05	5.96		
	HEMBA1001007	0.89	1.08	4.08	1.84	3.89	2.71		
20	HEMBA1001008	3.64	3.41	5.86	3.89	7.89	4.95		
	HEMBA1001009	0.89	1.3	3.07	1.58	3.83	1.81		
	HEMBA1001014	3.54	4.39	9.91	11.82	15.38	14.12	*	+
	HEMBA1001017	4.21	2.82	5.6	6.04	5.41	8.55		
25	HEMBA1001019	1.92	2.81	3.97	8.71	7.74	8.29	**	+
	HEMBA1001020	1.23	2.71	2.3	2.84	5.05	3.6		
	HEMBA1001021	1.07	1.62	2.89	3.13	5.24	2.63		
	HEMBA1001022	2.29	2.25	4.35	6.33	8.57	3.81		
30	HEMBA1001024	0.31	1.14	2.16	2.87	3.97	1.26		
	HEMBA1001026	0.42	1.52	1.86	2	3.22	2		
	HEMBA1001043	1.43	2.46	2.38	4.63	5.28	4.25	**	+
35	HEMBA1001051	3.36	2.79	11.52	13.26	18.17	18.47	*	+
	HEMBA1001052	0.86	2.15	2.18	1.75	3.58	2.48		
	HEMBA1001059	5.62	9.28	26.25	40.62	56.12	43.49	*	+
	HEMBA1001060	2.66	3.67	6.45	10.78	8.35	9.62	*	+
40	HEMBA1001064	2.12	2.87	3.3	6.04	6.48	4.69	**	+
	HEMBA1001071	29.39	41.54	55.57	143.9	102.43	121.71	**	+
	HEMBA1001077	2.37	1.77	5.21	5.36	6.66	3.96		
	HEMBA1001078	2.18	2.6	5.91	13.3	13.21	11.09	**	+
45	HEMBA1001080	4.03	3.46	11.86	24.15	26.66	26.65	**	+
	HEMBA1001084	1.27	2.37	2.9	5.07	5.88	5.13	**	+
	HEMBA1001085	1.24	2.87	4.04	4.34	5.41	4.56		
50	HEMBA1001088	6.62	6	8.04	3.79	4.34	5.81		
	HEMBA1001093	0.61	1.76	2.72	3.09	3.02	2.99		
	HEMBA1001094	0.64	0.78	2.07	2.08	2.99	1.99		
	HEMBA1001099	1.01	1.72	3	2.5	2.95	2.26		
55	HEMBA1001104	1.2	1.75	2.63	3.64	8.04	3.3		

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	HEMBA1001109	4.87	3.77	8.57	11.32	14.48	11.73	*	+
	HEMBA1001114	44.68	41.2	93.35	141.87	145.19	167.76	**	+
5	HEMBA1001121	2.14	2.03	-3.87	2.41	6	3.25		
	HEMBA1001122	9.79	10	14.12	7.73	11.5	22.69		
	HEMBA1001123	2.79	3.28	5.2	5.81	6.02	4.95		
	HEMBA1001133	0.97	1.69	2.54	2.78	3.84	1.21		
10	HEMBA1001137	0.82	1.73	3.65	3.74	3.36	2.54		
	HEMBA1001140	1.23	2.75	2.98	3.62	5.18	4.34	*	+
	HEMBA1001144	4.12	3.41	9.06	14.13	14.12	13.96	**	+
15	HEMBA1001145	47.87	43.87	65.7	98.4	75.15	81.3	*	+
	HEMBA1001158	7.55	9.5	11.62	13.02	7.58	12.5		
	HEMBA1001172	1.44	2.85	4.37	5.32	5.77	5.17	*	+
	HEMBA1001174	0.95	2.06	2.83	3.88	6.31	3.25		
20	HEMBA1001175	6.93	8.56	10.73	14.17	14.5	10.18		
	HEMBA1001182	16.93	19.89	82.44	135.93	145.36	122.22	*	+
	HEMBA1001184	1.41	1.24	2.45	1.85	3.03	1.47		
25	HEMBA1001192	1.72	1.75	4.01	5.65	5.17	3.98		
	HEMBA1001196	2.31	3.63	7.61	9.43	10.51	8.97	*	+
	HEMBA1001197	31.18	35.89	86.14	95.35	83.09	93.59		
	HEMBA1001208	1.83	2.59	3	2.67	5.3	2.61		
30	HEMBA1001213	12.99	16.12	69.9	102.88	119.96	113.72	*	+
	HEMBA1001214	1.39	3.11	4.36	5.14	7.04	4.62		
	HEMBA1001221	1.63	1.62	3.66	2.06	4.19	1.89		
	HEMBA1001225	1.06	2.66	3.53	1.44	3.43	1.52		
35	HEMBA1001226	4.76	4.65	11.94	13.58	15.58	14.92	*	+
	HEMBA1001228	72.4	75.3	102.4	38.23	64.63	78.89		
	HEMBA1001229	18	21.39	82.05	115.91	145.39	128.91	*	+
40	HEMBA1001235	3.58	4.11	6.48	7.31	6.7	10.2		
	HEMBA1001238	2.46	2.49	7.23	4.6	6.94	4.74		
	HEMBA1001242	15.36	14.03	91.45	92.81	94.02	90.34		
	HEMBA1001247	4.41	4.36	12.46	12.48	14.07	15.62		
45	HEMBA1001253	8.79	11.4	61.56	77.17	102.24	94.81	*	+
	HEMBA1001257	1.98	2.71	3.78	3.52	4.29	3.17		
	HEMBA1001261	3.01	3.18	4.56	4.54	3.75	5.59		
50	HEMBA1001262	1.48	3.79	2.81	2.42	4.34	4.59		
	HEMBA1001265	2.76	3.21	6.85	5.5	7.32	5.1		
	HEMBA1001266	3.97	3.17	6.31	7.8	10.5	8.38	*	+
	HEMBA1001269	15.98	10.36	12.79	22.69	24.71	25.21	**	+
55	HEMBA1001272	1.31	2.04	4.3	1.62	5.12	2.07		

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	HEMBA1001279	2.54	3.52	13.6	18.68	23.45	18.99	*	+
	HEMBA1001281	16.58	20.99	40.84	47.71	59.04	45.72	*	+
5	HEMBA1001286	3.25	4.71	10.71	11.24	10.65	12.38		
	HEMBA1001289	0.41	1.57	1.64	1.3	3.57	2.41		
	HEMBA1001291	3.52	4.58	9.53	10.91	18.3	18.8	*	+
10	HEMBA1001294	2.01	1.81	4.6	4.04	7.73	5.12		
	HEMBA1001296	3.4	3.52	4.37	3.77	5.94	5.22		
	HEMBA1001297	2.88	3.61	5.51	4.81	6.88	5.38		
	HEMBA1001299	2.49	2.9	6.21	6.45	8.84	7.74	*	+
15	HEMBA1001302	9.42	11.94	15.5	23.25	35.12	25.74	*	+
	HEMBA1001303	1.8	1.99	2.61	3.57	3.8	3.3	**	+
	HEMBA1001306	1.4	1.15	2.85	5.01	4.46	4.82	**	+
	HEMBA1001308	3.43	4.37	16.7	16.31	18.28	21.75		
20	HEMBA1001310	1.93	1.71	4.17	2.38	6.26	3.28		
	HEMBA1001312	10.09	10.35	17.42	20.51	24.71	21.67	*	+
	HEMBA1001319	1.23	1.41	3.85	2.23	4.27	4.01		
25	HEMBA1001322	1.81	2.29	4.17	2.83	4.74	3.78		
	HEMBA1001323	4.04	3.65	8.44	14.68	23.44	18.68	*	+
	HEMBA1001326	8.79	7.35	10.15	12.24	13.62	15.04	*	+
	HEMBA1001327	0.94	1.65	3.18	3.55	5.18	4.56	*	+
30	HEMBA1001330	1.59	2.22	6.96	7.36	9.28	9.64	*	+
	HEMBA1001348	1.68	3.99	3.89	6.33	9.84	7.47	*	+
	HEMBA1001350	5.28	4.16	6.34	7.24	13.17	10.12		
35	HEMBA1001351	15.37	14.99	17.64	37.37	49.52	25.96	*	+
	HEMBA1001352	3.25	3.62	5.97	8.16	13.65	5.75		
	HEMBA1001353	30.24	37.73	49.4	76.74	96.09	96.34	**	+
	HEMBA1001358	13.98	9.73	17.96	30.89	27.69	30.6	**	+
40	HEMBA1001361	1.7	3.24	4.96	4.18	6.08	6.06		
	HEMBA1001364	0.8	1.71	2.4	1.47	4.11	2.95		
	HEMBA1001375	3.45	2.77	5.75	5.71	5.83	6.32		
	HEMBA1001377	2.81	3.16	7.36	5.37	7.98	7.89		
45	HEMBA1001383	0.25	1.64	2.61	1.26	2.47	1.84		
	HEMBA1001387	1.81	2.15	3.66	1.94	5.14	2.47		
	HEMBA1001388	1.52	1.78	5.07	2.01	4.61	3.49		
50	HEMBA1001390	34.61	34.52	66.57	67.03	50	56.4		
	HEMBA1001391	1.65	2.77	4.83	4.32	7.98	3.82		
	HEMBA1001398	1.98	2.87	7.47	7.24	10.42	8.29		
	HEMBA1001405	1.17	2	3.87	2.99	5.3	2.61		
55	HEMBA1001406	2.01	3.27	3.75	5.35	6.62	4.33	*	+

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	HEMBA1001407	1.13	1.78	3.73	6.39	6.64	4.44	*	+
	HEMBA1001411	1.44	2.81	4.47	7.2	6.35	6.04	*	+
5	HEMBA1001413	1.84	1.53	-3.31	3.61	3.75	3.76		
	HEMBA1001414	1.47	2.34	5.3	5.33	7.22	5.47		
	HEMBA1001415	1.91	2.36	4.97	4.4	5.86	4.29		
	HEMBA1001416	4.73	4.85	9.54	8.87	11.06	9.4		
10	HEMBA1001432	1.23	1.27	4.43	4.27	6.64	3.59		
	HEMBA1001433	1.96	2.93	4.55	4.33	8.66	3.64		
	HEMBA1001435	2.17	2.27	6.39	7.02	10.35	5.88		
15	HEMBA1001442	0.99	0.68	2.02	2.36	3.12	1.81		
	HEMBA1001446	1.87	1.84	5.82	9.71	8.93	11.01	**	+
	HEMBA1001450	2.35	2.32	11.22	8.61	10.08	6.34		
	HEMBA1001454	3.08	4.25	9.69	13.64	10.73	11.82	*	+
20	HEMBA1001455	2.28	2.7	3.11	2.69	5.54	2.8		
	HEMBA1001459	2.74	3.37	6.03	5.07	7.38	5.52		
	HEMBA1001461	3.34	4.47	6.96	6.8	9.85	7.47		
25	HEMBA1001462	1.07	1.47	2.79	2.67	4.5	2.54		
	HEMBA1001463	1.38	1.61	5.25	4.95	5.46	5.51		
	HEMBA1001469	3.9	4.51	7.32	10.63	9.83	7.76	*	+
	HEMBA1001473	4.56	3.49	8.25	7.52	10.34	6.53		
30	HEMBA1001477	2.14	1.59	4.64	3.41	5.75	2.59		
	HEMBA1001478	2.46	2.8	3.77	2.95	3.73	2.55		
	HEMBA1001480	4.15	6.8	8.96	11.64	11.87	8.48		
35	HEMBA1001483	1.9	1.64	5.71	6.6	8.22	7.23	*	+
	HEMBA1001490	1.45	2.09	3.76	5.16	4.52	4.65	*	+
	HEMBA1001495	56.8	53.41	123.27	193.11	133.65	132.04		
	HEMBA1001497	2.06	1.98	7.47	4.81	8.45	5.85		
40	HEMBA1001510	3.99	4.23	15.22	11.46	13.7	14.56		
	HEMBA1001515	1.45	2.33	4.02	3.73	6.11	3.04		
	HEMBA1001517	1.6	2.21	4.6	5.26	5.4	4.6		
45	HEMBA1001522	1.56	2.72	3.77	3.61	6.37	2.43		
	HEMBA1001526	2.19	2.97	4.97	4.05	4.38	3.59		
	HEMBA1001533	3.19	2.86	6.23	6.83	7.76	4.64		
	HEMBA1001547	7.26	5.37	13.69	5	7.96	6.19		
50	HEMBA1001552	7.12	4.72	17.79	16.12	16.3	16.05		
	HEMBA1001553	41.67	45.48	66.23	57.2	47.01	79.81		
	HEMBA1001557	2.24	2.93	5.15	5.81	8.33	4.59		
	HEMBA1001563	1.69	2.4	4.56	3.66	6.99	4.76		
55	HEMBA1001566	1.42	3.27	8.29	5.94	9.04	5.84		

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	HEMBA1001569	11.15	11.91	26.6	30.2	31.14	32.61	*	+
	HEMBA1001570	3.25	4.61	10.2	9.19	10.25	9.53		
5	HEMBA1001579	3.63	4.4	-7.77	9.26	7.4	9.93		
	HEMBA1001581	2.79	3.33	10.95	8.81	12.09	9.08		
	HEMBA1001582	3.22	3.18	6.68	6.35	6.84	4.03		
10	HEMBA1001585	2.7	3.07	4.52	4.4	5.6	3.5		
	HEMBA1001589	1.82	2.31	3.63	4.39	6.19	3.78		
	HEMBA1001595	13.06	15.57	19.7	13.25	13.29	14.02		
	HEMBA1001604	1.96	2.67	3.64	3.76	6.53	2.82		
15	HEMBA1001608	5.58	7.09	16.17	14.14	16.46	14.43		
	HEMBA1001615	113.28	90.33	205.41	240.97	118.65	165.59		
	HEMBA1001620	3.71	5.56	10.54	12.22	12.24	11.46		
20	HEMBA1001621	0.76	2.13	3.42	1.76	3.44	2.97		
	HEMBA1001635	2.32	2.13	3.41	3.55	4.9	2.85		
	HEMBA1001636	1.9	1.93	4.01	3.34	5.33	2.97		
	HEMBA1001640	3.07	3.31	13.65	10.96	15.01	10.74		
25	HEMBA1001647	8.92	8.44	57.38	88.92	112.42	87.46	*	+
	HEMBA1001651	2.53	3.54	7.85	6.62	9.07	8.73		
	HEMBA1001655	2.09	2.66	4.78	3.35	6.75	4.09		
	HEMBA1001658	4.33	4.5	9.27	7.26	11.15	8.6		
30	HEMBA1001661	0.75	1.78	2.8	1.98	3.22	1.77		
	HEMBA1001665	1.52	1.85	3.47	2.63	6.63	1.73		
	HEMBA1001670	5.32	6.54	8.82	12.45	15.21	12.42	**	+
35	HEMBA1001672	2.49	3.06	5.9	4.28	7.62	3.39		
	HEMBA1001673	8.23	10.76	13.22	20.04	19.39	15.65	*	+
	HEMBA1001675	2.4	2.01	2.53	3.21	5.79	3.36		
	HEMBA1001676	54.19	46.09	107.65	245.72	212.81	275.65	**	+
40	HEMBA1001678	9.46	10.2	21.87	23.65	19.51	27.88		
	HEMBA1001680	4.58	4.89	12.32	9.39	10.95	11.65		
	HEMBA1001681	1.71	2.44	5.75	6.25	9.11	6.36		
45	HEMBA1001684	1.89	2.74	6.26	4.32	7.57	6.98		
	HEMBA1001695	1.48	2.08	3.42	2.3	4.76	3.15		
	HEMBA1001702	1.54	2.96	3.55	2.36	7.57	3.09		
	HEMBA1001709	1.23	1.8	3.51	3.21	4.87	3.5		
50	HEMBA1001711	1.29	1.98	2.83	2.99	2.45	3.18		
	HEMBA1001712	0.92	1.55	2.56	2.13	3.02	2.24		
	HEMBA1001714	10.37	10.82	19.06	23.54	22	23.8	*	+
	HEMBA1001717	79.4	71.16	124.25	152.62	195.81	173.65	*	+
55	HEMBA1001718	1.95	2.12	7.32	5.99	6.59	5.26		

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	HEMBA1001723	3.43	3	10.19	9.09	12.53	9.64		
	HEMBA1001731	1.3	1.36	3.27	1.58	4.8	2.29		
5	HEMBA1001734	2.37	2.38	4.28	4.78	6.06	4.27		
	HEMBA1001736	2.3	2.12	2.87	3.5	4.69	5.33	*	+
	HEMBA1001741	1.69	2.19	3.5	4.02	4.74	2.9		
10	HEMBA1001744	0.86	0.94	2.81	2	3.64	2.64		
	HEMBA1001745	0.95	1.56	2.3	2.53	5.28	2.58		
	HEMBA1001746	4.02	3.91	8.66	9.21	12.06	7.01		
	HEMBA1001761	2.2	2.01	4.69	2.58	3.95	3.37		
15	HEMBA1001762	1.41	1.6	3.57	1.93	4.38	2.03		
	HEMBA1001781	1.56	1.5	4.17	2.15	5.87	3.25		
	HEMBA1001784	1.36	1.39	4.5	4.02	3.58	3.75		
	HEMBA1001791	2.16	1.74	6.97	6.04	7.62	5.68		
20	HEMBA1001794	2.15	4.31	12.57	13.54	13.65	12.96		
	HEMBA1001800	5.61	9.63	60.44	84.85	100.03	76.26	*	+
	HEMBA1001803	2.84	4.25	5.36	4.27	7.02	3.67		
25	HEMBA1001804	6.2	8.13	20.95	29.84	26.86	24.39	*	+
	HEMBA1001808	1.61	1.6	3.87	3.71	3.67	2.89		
	HEMBA1001809	8.07	6.27	10.64	14.33	20.56	16.63	*	+
	HEMBA1001811	8.32	7.83	16.8	22.75	21.75	17.6	*	+
30	HEMBA1001815	1.75	2.67	6.56	5.58	6.33	5.03		
	HEMBA1001816	1.96	2.67	4.47	3.09	4.6	3.04		
	HEMBA1001819	0.98	3.09	6.16	6.19	8.53	6.3		
35	HEMBA1001820	0.93	1.32	2.22	2.36	3.32	1.21		
	HEMBA1001822	1.87	2.06	5.43	6.02	7.7	4.44		
	HEMBA1001824	3.21	4.62	14.88	12.81	16.29	12.34		
	HEMBA1001835	1.04	1.05	3.05	3.72	5.21	3.14		
40	HEMBA1001844	7.88	6.55	18.04	17.77	21.36	13.19		
	HEMBA1001847	0.93	1.8	5.21	1.96	5.18	3.06		
	HEMBA1001849	2.32	2.77	7.58	6.65	8.19	7.62		
	HEMBA1001850	2.51	2.71	8.43	8.76	8.88	7.89		
45	HEMBA1001861	0.95	2.04	1.73	2.64	3.93	2.01		
	HEMBA1001862	138.58	133.42	191.61	266.65	221.43	227.58	*	+
	HEMBA1001864	1.31	1.16	2.44	4.79	2.88	2.59		
50	HEMBA1001866	1.49	2.39	7.45	7.67	7.07	4.61		
	HEMBA1001869	7.55	6.84	10.82	10.31	7.69	9.02		
	HEMBA1001871	29.48	30.98	54.77	63.07	62.43	66.59	*	+
	HEMBA1001876	0.96	1.27	4.42	2.08	4.57	2.26		
55	HEMBA1001878	2.23	3.34	5.7	6.83	8.18	5.5		

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	HEMBA1001879	1.89	2.57	5.58	5.99	7.24	5.72		
	HEMBA1001884	6.21	6.49	17.14	11.31	12.71	10.87		
5	HEMBA1001886	2.12	2.21	4.38	4.57	5.67	4.23		
	HEMBA1001888	2	2.12	6.6	7.41	10.17	9.46	*	+
	HEMBA1001890	4.03	3.67	7.6	6.8	7.01	4.4		
10	HEMBA1001896	1.34	1.61	2.62	2.27	4.12	3.01		
	HEMBA1001899	33.43	39.48	61.77	106.52	41.01	101.91		
	HEMBA1001904	76.64	122.45	233.99	299.33	174.47	322.82		
	HEMBA1001910	1.4	1.93	3.23	2.53	6.35	2.97		
15	HEMBA1001911	8.36	8.75	10.86	21.15	16.9	13.23	*	+
	HEMBA1001912	8.92	7.97	33.97	57	51.9	48.59	*	+
	HEMBA1001913	4.89	6.19	17.29	18.56	14.16	16.85		
20	HEMBA1001915	1.35	2.61	4.49	3.3	5.63	2.46		
	HEMBA1001918	15.23	13.29	21.07	17.07	14.31	12.13		
	HEMBA1001921	4	3.5	4.38	5.2	5.35	4.86	*	+
	HEMBA1001931	1.19	1.95	2.53	2.14	5.17	2.19		
25	HEMBA1001939	1.92	1.77	4.72	1.97	5.21	2.57		
	HEMBA1001940	2.61	2.99	7.14	3.51	5.86	3.24		
	HEMBA1001942	1.18	1.88	3.71	2.33	5.14	1.56		
30	HEMBA1001944	4.35	5.83	42.16	51.42	66.43	59.75	*	+
	HEMBA1001945	0.98	2.3	2.95	2.98	3.4	2.21		
	HEMBA1001950	2.56	2.84	7.87	5.72	5.23	3.68		
	HEMBA1001951	10.37	11.26	15.33	24.16	18.26	22.94	*	+
35	HEMBA1001958	1.04	1.28	2.58	3.1	4.83	2.54		
	HEMBA1001960	6.87	6.28	13.93	10.02	12.99	12.47		
	HEMBA1001962	1.01	1.08	4.19	1.58	4.24	1.67		
	HEMBA1001964	1.39	3.45	4.13	2.54	4.45	3.39		
40	HEMBA1001967	6.06	5.65	9.33	14.45	10.5	13.18	*	+
	HEMBA1001979	0.7	2.67	3.31	2.04	3.46	2.4		
	HEMBA1001987	1.96	3.92	7.99	6.19	8.35	7.22		
45	HEMBA1001991	1.61	3.59	9.06	5.06	8.7	7.44		
	HEMBA1002003	4.86	4.71	14.56	15.86	16.03	22.9		
	HEMBA1002005	2.62	3.39	7.82	4.16	7.48	4.76		
	HEMBA1002008	2.64	3.51	7.78	6.07	10.15	6.37		
50	HEMBA1002018	1.86	2.37	4.23	3.32	5.47	3.87		
	HEMBA1002022	0.52	2.3	2.5	2.83	3.53	2.82		
	HEMBA1002029	43.82	40.22	73.75	89.27	96.12	122.81	*	+
	HEMBA1002030	2.23	2.88	4.32	3.88	4.26	4.67		
55	HEMBA1002035	1.69	1.75	3.82	5.43	5.14	3.75		

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	HEMBA1002037	4.47	4.34	6.69	4.5	6.47	7.94		
	HEMBA1002038	4.12	3.13	7.74	6.36	8.8	5.42		
5	HEMBA1002039	2.46	3.43	7.03	6.74	8.99	6.37		
	HEMBA1002042	5.52	5.55	9.8	10.55	13.01	9.94		
	HEMBA1002043	3.81	3.79	11.32	12.53	12.64	13.95		
	HEMBA1002048	2.76	2.31	3.81	2.03	4.32	3.44		
10	HEMBA1002049	1.72	2.35	5.55	4.43	5.2	5.2		
	HEMBA1002053	7.33	6.91	14.52	11.09	15.25	13.63		
	HEMBA1002055	9.81	8.76	10.65	18.44	13.58	17.78	*	+
15	HEMBA1002056	2.24	2.62	4.26	5.46	8.06	5.67	*	+
	HEMBA1002061	2.24	2.51	4.58	4.17	5.34	4.58		
	HEMBA1002080	46.55	49.5	54.6	91.78	122.41	83.23	*	+
	HEMBA1002084	0.71	1.43	2.36	3.25	3.66	2.64	*	+
20	HEMBA1002085	0.97	1.47	2.87	3.45	4.52	3.74	*	+
	HEMBA1002092	1.79	1.56	3.94	4.01	5.53	4.15		
	HEMBA1002098	1.51	1.82	4.12	3.2	5.11	2.83		
25	HEMBA1002100	9.07	8.18	22.37	25.95	23.04	29.67		
	HEMBA1002101	18.26	17.64	27.49	23.44	27.16	23.74		
	HEMBA1002102	2.65	1.98	5.99	4.58	7.06	6.99		
	HEMBA1002105	6.79	6.2	22.13	24.47	40.8	25.31		
30	HEMBA1002107	57.97	37.86	84.35	155.21	136.27	136.87	**	+
	HEMBA1002113	6.77	4.75	17.24	12.05	12.83	14.78		
	HEMBA1002119	3.85	3.28	24.05	24.29	30.66	27.04		
35	HEMBA1002125	7.03	6.73	10.43	11.38	7.34	11.85		
	HEMBA1002131	9.71	9.72	20.58	14.97	19.12	13.71		
	HEMBA1002133	3.67	3.52	6.32	6.97	9.51	9.46	*	+
	HEMBA1002139	0.75	1.07	3.35	1.52	4.37	1.47		
40	HEMBA1002141	1.67	1.36	3.23	2.99	3.92	2.14		
	HEMBA1002144	2.33	2.44	6.11	5.28	5.68	6.57		
	HEMBA1002147	8.84	9.55	17.93	36.22	21.92	21.88		
	HEMBA1002150	38.34	38.68	51.42	19.74	26.62	15.85	*	-
45	HEMBA1002151	3.76	3.36	9.95	11.15	14.23	9.84		
	HEMBA1002153	0.57	1.74	3.36	3.39	5.64	2.96		
	HEMBA1002156	0.8	1.74	2.33	1.94	4.28	1.26		
50	HEMBA1002160	2.16	3.17	5.7	6.08	7.26	6.18		
	HEMBA1002161	2.13	2.9	6.99	13.53	11.79	9.76	*	+
	HEMBA1002162	2.65	2.17	7.76	5.61	6.27	7.81		
	HEMBA1002163	12.02	12.04	19.93	34.48	19.96	27.11		
55	HEMBA1002164	6.58	10.55	59.92	71.46	78.61	67.82		

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	HEMBA1002166	21.88	18.32	39.58	57.35	49.05	46.09	*	+
	HEMBA1002167	0.89	2.89	3.89	4.96	5.45	3.98		
5	HEMBA1002173	3.24	3.83	6.22	7.97	7.11	6.28		
	HEMBA1002177	1.31	1.78	3.31	5.68	4.97	2.98		
	HEMBA1002178	6.91	10.17	14.77	23.33	23.58	17.49	*	+
10	HEMBA1002179	53.56	46.86	94.4	58.33	85.22	54.47		
	HEMBA1002185	2.75	4.07	13.4	11.73	16.23	14.56		
	HEMBA1002188	5.76	7.57	10.27	11.86	12.9	9.8		
	HEMBA1002189	1.98	2.85	4.96	5.23	4.63	4.71		
15	HEMBA1002191	0.67	2.16	4.96	3.47	5.44	2.81		
	HEMBA1002192	2.98	2.83	4.91	7.53	8.35	4.57		
	HEMBA1002195	2.96	3.27	6.6	10.35	10.11	7.27	*	+
20	HEMBA1002196	3.34	4.33	8.55	8.62	8.85	8.39		
	HEMBA1002199	1.33	1.86	4.9	4.62	5.71	3.52		
	HEMBA1002204	1.31	1.97	4.08	5.48	11.37	3.73		
	HEMBA1002208	24.58	26.61	45.85	49.77	25.48	39.6		
25	HEMBA1002212	3.73	5.95	9.01	8.9	11.85	17.18		
	HEMBA1002215	1.95	2.63	4.27	5.1	3.54	3.78		
	HEMBA1002217	15.61	16.71	59.91	78.46	82.88	80.94	*	+
	HEMBA1002220	1.11	2.07	4.1	3.58	3.39	2.33		
30	HEMBA1002226	2.17	3.13	9.18	10.47	12.61	9.58		
	HEMBA1002227	39.9	47.13	92.5	109.42	65.74	71.79		
	HEMBA1002229	4.5	4.77	13.39	11.16	13.55	12.49		
35	HEMBA1002237	1.73	3.22	4.08	3.71	5.64	3.41		
	HEMBA1002239	9.36	13.83	72.18	100.62	109.3	113.84	*	+
	HEMBA1002241	7	7.54	38.36	64.27	68.93	68.72	**	+
	HEMBA1002253	1.11	2.44	3.33	2.3	4.42	2.68		
40	HEMBA1002257	1.83	2.65	4.11	3.18	3.6	1.74		
	HEMBA1002259	1.12	2.17	2.69	3.12	3.6	2.67		
	HEMBA1002262	6.95	7.37	19.16	14.43	14.78	17.04		
	HEMBA1002265	1.35	1.63	3.7	3.75	6.23	2.43		
45	HEMBA1002267	16.87	20.81	22.76	32.99	16.96	27.5		
	HEMBA1002270	3.73	4.79	7.49	8.18	13.43	8.7		
	HEMBA1002286	1.03	1.86	5.42	2.85	5.53	0.98		
50	HEMBA1002290	4.73	3.7	7.52	5.16	8.88	4.38		
	HEMBA1002302	6.12	9.63	45.04	45.66	49.69	45.23		
	HEMBA1002304	3.28	3.42	6.88	5.57	6.97	4.34		
	HEMBA1002307	45.71	53.69	92.31	71.87	55.79	61.03		
55	HEMBA1002316	2.16	3.29	4.63	3.04	5.32	2.41		

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	HEMBA1002319	1.97	2.96	4.46	8.32	9.58	8	**	+
	HEMBA1002320	1.99	1.76	3.22	2.51	4.45	1.76		
5	HEMBA1002321	1.22	2.04	-2.84	2.71	4.44	2.77		
	HEMBA1002328	2.44	3.04	4.89	2.43	5.73	2.94		
	HEMBA1002333	3.88	4.27	7.14	7.37	10.84	7.5		
	HEMBA1002337	3.02	3.62	5.5	5.98	7.49	7.48	*	+
10	HEMBA1002339	15.86	13.92	111.66	135.44	169.95	156.76	*	+
	HEMBA1002341	0.8	2.08	3.22	2.71	4.34	2.35		
	HEMBA1002348	2.84	2.78	7.14	3.69	6.73	4.49		
15	HEMBA1002349	1.28	1.44	3.59	2.24	4.64	2.59		
	HEMBA1002353	1.83	3.04	4.03	4.61	7.72	5.68		
	HEMBA1002356	6.05	6.96	17.53	14.27	16.02	16.1		
	HEMBA1002357	114.85	156.08	306.32	300.67	286.5	328.19		
20	HEMBA1002360	7.18	8.32	8.29	14.57	14.46	13.78	**	+
	HEMBA1002363	2.79	3.35	4.84	7.02	8.02	8.72	**	+
	HEMBA1002365	1.7	2.7	2.7	1.63	3.12	2.67		
25	HEMBA1002370	1.43	1.78	2.37	1.53	4.2	1.9		
	HEMBA1002374	4.55	4.53	7.79	8.33	10.27	9.11	*	+
	HEMBA1002376	46.59	33.18	118.8	101.1	189.18	114.36		
	HEMBA1002377	18.02	20.98	25.61	32.58	34.44	32.19	**	+
30	HEMBA1002380	5.68	6.36	16.28	17.43	21.85	18.83		
	HEMBA1002381	1.52	1.8	4.16	4.12	7.16	4.94		
	HEMBA1002384	1.79	3.09	3.69	5.67	4.27	5.71	*	+
	HEMBA1002389	1.93	2.93	2.88	3.63	5.31	4.7	*	+
35	HEMBA1002396	21.16	20.01	36.93	14.29	14.94	19.1		
	HEMBA1002402	125.09	124.52	168.42	100.85	107.79	164.62		
	HEMBA1002417	1.41	1.07	4.27	2.17	3.19	2.6		
40	HEMBA1002419	1.42	2.38	3.8	1.81	4.59	2.41		
	HEMBA1002420	9.55	11.97	14.11	16.34	18.28	16.16	*	+
	HEMBA1002421	7.47	10.35	12.5	8.97	10.24	9.6		
	HEMBA1002423	2.89	1.3	4.28	3.35	4.29	3.82		
45	HEMBA1002424	11.91	10.05	25.13	9.11	9.2	10.43		
	HEMBA1002426	3.42	3.69	5.56	7.57	8.24	5.6	*	+
	HEMBA1002430	0.39	1.41	2.51	1.7	4.19	2.85		
50	HEMBA1002439	1.59	1.94	4.17	2.69	4.46	6.8		
	HEMBA1002441	31.85	29.77	27.79	48.74	52.7	34.64		
	HEMBA1002454	0.62	1.48	2.27	1.76	2.43	1.55		
	HEMBA1002458	3.17	5	8.09	10.24	10.55	11.71	*	+
55	HEMBA1002460	2.14	1.59	3.89	5.16	4.63	5.01	*	+

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	HEMBA1002462	5.18	3.83	9.52	11.92	9.29	8.58		
	HEMBA1002465	0.93	1.96	2.26	1.46	3.13	1.27		
5	HEMBA1002469	6.88	7.27	45.87	49.02	75.59	67.74	*	+
	HEMBA1002475	1.54	2.35	8.01	4.88	7.87	7.66		
	HEMBA1002477	1.75	1.59	5.25	3.19	6.99	3.55		
	HEMBA1002480	4.46	3.98	8.49	8.76	13	10.54		
10	HEMBA1002481	1.9	2.02	4.22	2.71	6.25	4.7		
	HEMBA1002486	3.62	3.98	10.08	9.98	8.04	9.75		
	HEMBA1002490	2.02	3.08	5.7	8.76	9.64	7.65	*	+
15	HEMBA1002495	2.37	2.29	3.78	3.92	4.79	4.08		
	HEMBA1002498	0.95	2.14	2.97	1.83	5.09	2.14		
	HEMBA1002501	2.96	4.73	14.13	19.98	23.55	17.54	*	+
	HEMBA1002503	1.7	2.52	5.11	4.68	7.06	2.97		
20	HEMBA1002504	1.95	2.19	5.99	6.68	7.09	4.65		
	HEMBA1002508	1.48	2.59	5.99	7.8	7.47	5.65		
	HEMBA1002513	1.31	1.7	4.85	3.91	7.67	3.02		
25	HEMBA1002515	1.17	1.82	3.04	2.67	5.1	2.89		
	HEMBA1002524	1.67	2.09	2.53	4.44	4.49	3.82	**	+
	HEMBA1002538	4.68	4.14	7.39	9.31	8.91	7.86	*	+
	HEMBA1002542	3.31	3.27	6.77	10.11	9.3	7.74	*	+
30	HEMBA1002544	1.42	2.24	3.33	2.69	6.59	3.24		
	HEMBA1002546	31.01	31.64	56.69	95.52	83.15	72.77	*	+
	HEMBA1002547	3.13	3.22	8.44	20.11	20.37	17.21	**	+
35	HEMBA1002550	5.46	3.86	10.87	10.85	11.2	10.23		
	HEMBA1002551	2.15	3.09	5.8	3.7	5.08	3.08		
	HEMBA1002552	2.21	2.06	8.39	5.66	6.55	5.68		
	HEMBA1002555	1.54	1.78	4.56	2.27	4.4	2.97		
40	HEMBA1002558	2.74	3.26	7.02	8.08	7.47	8.27		
	HEMBA1002561	1.01	1.58	5.26	4.42	5.08	3.87		
	HEMBA1002562	0.59	0.83	2.34	3.29	3.29	2.36		
	HEMBA1002568	1.71	1.16	3.09	3.06	3.26	3.6		
45	HEMBA1002569	3.8	4.67	10.32	7.29	8.59	5.14		
	HEMBA1002570	5.22	4.72	9.84	6.07	10.29	12.99		
	HEMBA1002574	24.62	22.75	26.01	44.47	30.74	40.85	*	+
50	HEMBA1002583	4.07	4.52	8.07	6.64	6.43	8.47		
	HEMBA1002587	9.78	10.9	19.23	24.67	18.08	20.4		
	HEMBA1002590	2.51	2.58	7.47	5.35	5.6	4.05		
	HEMBA1002592	2.51	3.03	6.4	6.34	7.84	5.1		
55	HEMBA1002595	1.66	2.13	3.1	4.12	4.25	2.68		

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	HEMBA1002609	4.47	6.27	51	68.51	85.44	66.33	*	+
	HEMBA1002617	6.31	4.76	7.99	7.25	6.84	6.48		
5	HEMBA1002619	3.33	4.8-	-5.99	7.86	6.14	7.27		
	HEMBA1002621	1.21	2.94	3.09	3.24	4.17	2.03		
	HEMBA1002624	4.6	5.19	19.48	22.04	24.39	26.87	*	+
	HEMBA1002628	3.37	3.64	6.41	6.08	6.11	4.1		
10	HEMBA1002629	2.71	2.24	4.66	3.77	7.98	4.48		
	HEMBA1002632	1.39	2.23	5.16	4.29	5.49	4.58		
	HEMBA1002645	1.77	1.98	6.43	4.68	6.91	5.37		
15	HEMBA1002651	1.87	2.73	4.73	4.68	4.83	3.74		
	HEMBA1002652	3.38	5.27	6.21	6.09	8.66	7.92		
	HEMBA1002659	2.84	3.86	4.8	6.32	8.18	9.6	*	+
	HEMBA1002661	3	2.71	6.19	4.41	6.93	4.93		
20	HEMBA1002666	1.74	2.47	4.21	2.95	4.25	1.41		
	HEMBA1002667	1.39	2.25	3.91	2.79	5.24	1.94		
	HEMBA1002673	16.08	19.36	30.31	32.54	35.18	29.96		
25	HEMBA1002678	2.11	2.33	7.44	5.39	5.98	4.22		
	HEMBA1002679	1.23	2.33	5.25	3.7	7.48	3.81		
	HEMBA1002688	1.74	2.98	8.3	8.33	11.41	7.86		
	HEMBA1002696	1.7	2.79	2.92	3.48	6.13	3.32		
30	HEMBA1002703	2.95	3.88	10.15	8.35	9.73	9.21		
	HEMBA1002706	4.97	4.24	8.99	5.07	7.16	5.54		
	HEMBA1002712	2.39	3.94	8.67	8.4	10.9	10.57		
	HEMBA1002715	7.92	9.81	49.65	79.65	93.63	79.61	*	+
35	HEMBA1002716	3.93	4.26	5.53	4.63	5.02	4.53		
	HEMBA1002718	11.79	12.87	17.77	24.16	18.07	24.3	*	+
	HEMBA1002728	2.37	3.1	5.01	5.52	5.94	4.42		
40	HEMBA1002730	1.13	2.48	5.86	3.71	6.19	4.61		
	HEMBA1002734	2.89	3.54	8.82	8.6	10.7	10.59		
	HEMBA1002742	1.94	2.06	3.96	1.86	4.27	2.74		
	HEMBA1002746	1.2	2.86	4.61	2.83	4.43	2.94		
45	HEMBA1002748	2.19	1.75	4.01	5.36	5.98	3.92		
	HEMBA1002750	1.99	2.46	3.45	6.74	6.39	6.27	**	+
	HEMBA1002755	1.85	3.1	5.31	5.96	6.62	5.16		
50	HEMBA1002759	1.93	3.12	7.98	4.65	7.92	7.08		
	HEMBA1002763	9.62	12.05	74.52	68.84	88.82	77.22		
	HEMBA1002767	4.48	5.85	5.8	8.88	6	6.13		
	HEMBA1002768	2.99	3.76	6.2	3.46	8.3	3.04		
55	HEMBA1002769	1.47	2.35	2.82	3.46	5.21	3.49		

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	HEMBA1002770	5.89	5.83	12.41	14.24	22.53	15.53	*	+
	HEMBA1002777	1.6	1.9	2.58	2.29	4.74	3.76		
5	HEMBA1002779	10.92	7.6	16	17.39	19.81	19.36	*	+
	HEMBA1002780	2.6	2.77	6.82	6.43	6.89	6.35		
	HEMBA1002790	3.14	2.52	10.6	7.26	8.67	9.25		
10	HEMBA1002794	1.52	2.28	5.49	3.68	6.8	4.45		
	HEMBA1002798	1.33	1.59	3.61	2.77	5.12	4		
	HEMBA1002801	2.13	2.25	3.64	3.12	6.93	5.24		
	HEMBA1002810	4.56	3.99	7.85	10.27	17.31	11.1	*	+
15	HEMBA1002816	2.24	1.97	2.88	5.34	5.05	4.8	**	+
	HEMBA1002818	24.6	23.26	95.11	130.84	121.74	135.78	*	+
	HEMBA1002820	1.95	2.63	6.41	6.96	6.99	6.04		
	HEMBA1002826	1.96	1.48	2.99	3.21	4.84	3.59		
20	HEMBA1002833	8.71	7.46	19.84	20.18	21.16	20.04		
	HEMBA1002850	1.16	1.94	3.67	3.87	4.96	5.11	*	+
	HEMBA1002862	9.06	9.31	17.9	20.11	25.3	13.43		
25	HEMBA1002863	2.47	2.93	5.28	6.16	8.44	6.52	*	+
	HEMBA1002867	1.51	1.17	2.4	2.3	3.28	1.87		
	HEMBA1002876	3.9	3.54	5.48	5.61	5.78	6.48		
	HEMBA1002886	1.28	1.56	2.45	1.83	3.13	2.71		
30	HEMBA1002896	5.82	3.82	9.38	7.22	11.23	8.51		
	HEMBA1002913	2.37	2.22	4.56	4.19	4.28	3.11		
	HEMBA1002921	0.97	0.81	2.36	1.82	2.41	1.41		
	HEMBA1002924	1.07	1.2	2.86	2.11	4.41	3.27		
35	HEMBA1002934	6.01	5.17	10.48	9.93	15.27	13.16		
	HEMBA1002935	4.27	2.55	6.59	7.1	5.34	7.14		
	HEMBA1002937	4.61	5.71	9.4	10.82	8.36	7.36		
40	HEMBA1002939	2.21	2.92	5.39	5.51	5.7	3.26		
	HEMBA1002944	1.45	1.97	4.66	3.1	5.68	3.21		
	HEMBA1002951	5.88	7.88	10.99	6.04	12.17	5.67		
	HEMBA1002954	2.4	4.57	6.12	6.09	7.78	4.78		
45	HEMBA1002962	3.93	6.02	9.14	13.42	15.92	12.44	*	+
	HEMBA1002968	1.22	1.71	4.32	5.34	4.07	5.3		
	HEMBA1002970	1.13	1.13	3.14	2.5	3.72	3.13		
50	HEMBA1002971	0.96	2.02	2.75	2.02	3.71	2.43		
	HEMBA1002973	1.68	3.36	7.84	6.19	10.81	6.31		
	HEMBA1002978	2.09	3.81	4.35	5.49	5.3	4.22		
	HEMBA1002981	1.82	2.51	4.01	9.33	7.48	6.53	**	+
55	HEMBA1002985	0.83	1.92	4.91	4.74	5.59	4.13		

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	HEMBA1002986	2.72	4.88	6.67	14.7	14.62	13	**	+
	HEMBA1002988	1.77	2.36	4.25	4.2	5.67	3.46		
5	HEMBA1002992	8.73	11.38	68.65	83.81	96.4	94.02	*	+
	HEMBA1002995	6.13	6.97	11.94	8.64	11.47	14.09		
	HEMBA1002997	5.77	6.33	9.6	12.88	10.65	8.75		
	HEMBA1002999	1.36	2.77	2.84	2.48	3.92	3.31		
10	HEMBA1003004	0.78	1.39	1.96	1.86	3.32	1.37		
	HEMBA1003006	2.03	1.84	4.26	5.44	8.08	5.87	*	+
	HEMBA1003008	1.58	1.26	2.83	3.4	5.4	2.28		
15	HEMBA1003021	1.72	2.09	5.98	8.49	8.58	6.67	*	+
	HEMBA1003027	1.79	1.73	4.47	2.11	6.17	3.72		
	HEMBA1003029	16.39	17.36	46.06	37.07	42.91	45.58		
	HEMBA1003031	33.04	32.41	50.08	48.18	24.56	40.3		
20	HEMBA1003032	3.42	6.52	7.98	8.81	6.53	9.45		
	HEMBA1003033	2.36	4.11	6.85	7.85	8.94	9	*	+
	HEMBA1003034	2.43	3.17	7.63	8.24	7.47	8.23		
25	HEMBA1003035	1.24	2	2.59	2.88	3.46	1.93		
	HEMBA1003037	1.74	2.09	6.21	4.13	7.36	3.43		
	HEMBA1003041	3.4	4.14	8.51	10.28	10.48	9		
	HEMBA1003046	11.44	11.53	28.31	33.77	21.19	36.32		
30	HEMBA1003047	2.02	2.35	5.11	4.57	5.41	4.03		
	HEMBA1003048	1.8	2.96	3.76	7.97	7.47	9.3	**	+
	HEMBA1003064	3.7	4.12	15.74	15.78	25.09	19.36		
	HEMBA1003067	1.92	2.31	7.09	4.56	7.96	3.23		
35	HEMBA1003071	5.24	5	8.74	11.32	10.02	8.7		
	HEMBA1003072	2.81	3.22	5.7	4.43	3.65	5.17		
	HEMBA1003076	20.6	21.34	31.6	41.86	28.3	32.74		
40	HEMBA1003077	1.41	1.58	4.37	1.68	4.03	2.27		
	HEMBA1003078	2.02	1.92	2.4	3.14	4.9	3.38	*	+
	HEMBA1003079	2.72	2.66	6.42	5.88	7.13	4.48		
	HEMBA1003083	1.56	2.11	3.94	4.42	6.23	4.59		
45	HEMBA1003086	2.5	2.72	5.27	4.09	5.78	4.68		
	HEMBA1003090	5.14	4.79	13.3	11.57	12.88	12.73		
	HEMBA1003094	0.82	1.67	2.94	2.51	3.22	2.14		
50	HEMBA1003096	8.6	8.76	15.55	10.1	13.7	10.97		
	HEMBA1003098	3.88	5.66	7.38	9.42	7.11	8.4		
	HEMBA1003101	4.73	5.48	7.29	9.04	6.59	6.36		
	HEMBA1003109	2.88	3.42	4.72	5.73	6.93	7.22	*	+
55	HEMBA1003114	2.87	4.67	5.67	6.47	7.94	5.69		

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	HEMBA1003117	2.1	3.41	4.4	3.36	4.99	2.44		
	HEMBA1003120	3.02	2.65	5.55	3.23	7.38	4.29		
5	HEMBA1003129	2.47	2.6	-6.66	10.28	6.19	7.28		
	HEMBA1003133	2.05	4.74	7.61	7.74	7.59	5.59		
	HEMBA1003136	2.64	3.59	5.25	5.37	5.88	4.49		
	HEMBA1003142	2.01	2.27	6.15	6.62	6.35	5.34		
10	HEMBA1003148	1.3	1.4	2.82	1.49	4.26	1.6		
	HEMBA1003151	1.91	2.08	4.23	2.9	5.34	4.24		
	HEMBA1003152	3.27	1.98	5.84	4.74	5.71	2.58		
15	HEMBA1003157	1.23	1.88	2.58	4.2	5.38	3.21	*	+
	HEMBA1003166	6.14	6.06	14.06	22.98	18.03	21.74	*	+
	HEMBA1003171	1.3	2.28	2.23	2.62	3.09	2.53		
	HEMBA1003175	1.54	2.63	4.2	3.54	4.52	4.11		
20	HEMBA1003179	4.66	5.95	37.4	36.91	43.86	45.13		
	HEMBA1003186	2.58	3.17	7.13	6.71	6.71	5.78		
	HEMBA1003196	3.04	3.79	7.33	6.95	8.31	5.18		
25	HEMBA1003197	0.46	1.51	2.86	1.85	3.97	1.09		
	HEMBA1003199	1.26	1	2.32	1.66	3.22	2.47		
	HEMBA1003202	2.86	3.49	5.69	9.44	10.48	11.14	**	+
	HEMBA1003204	1.67	2.46	3.35	4.99	4.72	4.81	**	+
30	HEMBA1003210	6.48	7.36	11.66	12.02	12.1	14.78		
	HEMBA1003212	1.4	2.87	5.52	7.58	8	5.7		
	HEMBA1003218	1.2	1.26	1.71	1.24	4.35	1.36		
35	HEMBA1003220	34.65	32.6	73.43	78.35	79.82	83.89		
	HEMBA1003222	2.37	3.03	3.41	3.04	6.13	4.29		
	HEMBA1003225	1.95	2.07	3.34	1.59	3.45	2.05		
	HEMBA1003229	2.37	1.91	2.4	5.62	5.1	4.9	**	+
40	HEMBA1003230	7.83	7.14	12.08	11.08	11.44	10.09		
	HEMBA1003235	0.91	1.33	4.32	4.98	5.25	5.44	*	+
	HEMBA1003236	5.54	5.43	10.62	11.5	15.4	13.97	*	+
	HEMBA1003250	1.41	1.4	2.68	1.76	2.98	2.42		
45	HEMBA1003252	4.96	7.17	16.59	17.06	18.68	14.37		
	HEMBA1003257	2.7	3.33	7.33	8.25	8.83	6.78		
	HEMBA1003268	0.95	0.44	1.92	1.92	3.36	1.81		
50	HEMBA1003273	1.4	1.38	2.96	2.5	3.37	5.1		
	HEMBA1003276	1.13	1.99	3.18	4.21	4.42	3.98	*	+
	HEMBA1003277	0.95	0.83	1.85	0.56	1.63	1.34		
	HEMBA1003278	1.07	1.18	3.49	1	4.56	2.32		
55	HEMBA1003280	2.37	2.6	4.59	3.08	4.91	4.2		

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	HEMBA1003281	1.83	1.29	3.53	1.79	3.85	2.48		
	HEMBA1003284	1.24	1.91	3.43	3.03	5.05	3.32		
5	HEMBA1003286	7.75	6.73	34.23	45.25	71.61	51.97	*	+
	HEMBA1003291	1.65	1.91	4.84	3.21	3.32	3.25		
	HEMBA1003294	1.89	3.5	7.47	4.86	5.7	5.62		
	HEMBA1003296	4.74	8.32	46.61	63.82	70.23	54.45	*	+
10	HEMBA1003304	0.77	1.44	2.88	2.91	5.37	1.87		
	HEMBA1003306	4.37	6.3	10.28	15.7	17.76	11.56	*	+
	HEMBA1003309	0.91	1.9	2.85	2.87	4	2.3		
	HEMBA1003314	1.43	2.26	3.82	4.48	3.52	4.02		
15	HEMBA1003315	6.37	4.38	10.14	15.2	16.23	17.88	**	+
	HEMBA1003322	4.81	5.92	10.9	8.46	10.83	8.07		
	HEMBA1003326	1.94	3.97	5.55	2.93	7.4	3.68		
20	HEMBA1003327	0.81	1.61	3.63	2.36	4.3	2.28		
	HEMBA1003328	0.76	2.43	5.38	4.25	5.51	5.06		
	HEMBA1003330	2.27	2.81	4.84	4.66	5.83	6.94		
	HEMBA1003348	3.22	2.45	11.3	11.28	13.98	16.37		
25	HEMBA1003369	2.39	2.6	7	9.64	8.65	5.33		
	HEMBA1003370	3.14	3.6	8.85	12.54	10.83	13.98	*	+
	HEMBA1003373	1.12	1.3	3.4	2.14	5.05	2.94		
30	HEMBA1003376	3.75	2.83	7.71	9.83	12.46	10.39	*	+
	HEMBA1003380	1.12	2.3	3.63	2.25	3.9	2.57		
	HEMBA1003384	0.98	1.71	2.91	2.11	4.78	2.14		
	HEMBA1003387	1.3	1.24	2.14	1.83	3.24	1.98		
35	HEMBA1003392	2.51	2.28	3.43	5.21	5.91	4.44	*	+
	HEMBA1003395	1.02	1.45	2.84	4.06	4.29	2.18		
	HEMBA1003399	1.03	1.4	3.27	3.21	3.26	2.19		
	HEMBA1003400	1.36	2.22	4.64	3.23	7.19	5.22		
40	HEMBA1003402	1.62	1.74	3.29	2.32	4.22	2.59		
	HEMBA1003403	7.13	9.32	50.9	66.1	66.81	77.49	*	+
	HEMBA1003408	3.68	4.5	7.27	6.02	5.77	7.71		
45	HEMBA1003412	5.08	6.79	8.35	10.96	8.79	9.75		
	HEMBA1003417	5.71	6.5	10.15	8.18	8.86	7.36		
	HEMBA1003418	4.01	5.12	6.53	7.37	11.45	9.3	*	+
	HEMBA1003420	16.29	17.91	35.46	33.32	34.37	32.89		
50	HEMBA1003425	0.76	1.65	3.06	2.33	3.58	2.21		
	HEMBA1003433	1.4	2.43	3.34	4.88	4.54	4.09	*	+
	HEMBA1003440	11.39	12.08	19.86	24.13	13.99	24.26		
55	HEMBA1003442	4.37	4.67	4.94	3.54	6.73	5.96		

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	HEMBA1003447	7.55	9.08	49.72	65.41	63.46	65.15	*	+
	HEMBA1003453	21.03	22.03	42.15	27.85	29.02	27.64		
5	HEMBA1003461	1.5	2.13	3.49	2.6	3.63	2.2		
	HEMBA1003463	2.82	3.68	6.02	5.97	3.84	6.41		
	HEMBA1003465	1.77	2.21	6.31	4.75	5.02	3.82		
10	HEMBA1003480	2.58	3.91	8.62	9.63	9.6	9.42		
	HEMBA1003485	7.06	4.84	5.29	6.13	7.26	5.52		
	HEMBA1003487	1.8	1.85	3.4	7.12	6.39	6.79	**	+
	HEMBA1003492	1.42	1.95	4.11	2.41	5.87	2.1		
15	HEMBA1003494	9.36	8.61	12.16	18.24	18.69	17.83	**	+
	HEMBA1003497	2.19	2.16	3.29	3.35	6.06	2.97		
	HEMBA1003503	0.98	1.74	3.37	5.04	3.18	2.13		
	HEMBA1003511	0.99	2.19	3.7	2.3	4.42	2.5		
20	HEMBA1003528	3.33	4	6.51	5.77	5.04	4.46		
	HEMBA1003530	1.33	0.85	3.62	1.97	3.15	2.45		
	HEMBA1003531	1.14	1.72	5.39	4.74	7.24	4.51		
25	HEMBA1003532	12.97	14.66	34.3	28.69	25.31	31.26		
	HEMBA1003538	2.54	2.4	17.88	14.54	21.58	16.83		
	HEMBA1003545	0.68	2.08	3.17	1.85	3.6	2.17		
	HEMBA1003546	1.27	2.03	1.68	1.98	2.15	2.42		
30	HEMBA1003548	1.4	3.18	3.6	1.41	4.15	2.23		
	HEMBA1003553	31.29	31.45	47.99	54.36	41.34	45.65		
	HEMBA1003555	1.39	2.73	4.81	3.53	4.48	5.19		
	HEMBA1003556	1.24	1.76	2.96	3.14	5.75	3.31		
35	HEMBA1003560	1.89	2.66	7.87	10.08	13.24	9.9	*	+
	HEMBA1003565	54.27	66.88	96.28	121.29	139.88	148.68	*	+
	HEMBA1003568	1.86	2.27	3.24	2.36	7.41	2.78		
40	HEMBA1003569	2.93	2.61	2.96	5.07	3.95	4.53	**	+
	HEMBA1003571	3.53	2.33	3.8	5.19	5.3	5.83	*	+
	HEMBA1003579	3.51	4.29	4.83	3.79	5.68	5.91		
	HEMBA1003580	3.82	4.09	4.96	3.11	4.41	3.53		
45	HEMBA1003581	0.82	2.62	2.07	1.63	3.19	2.4		
	HEMBA1003591	10.8	11.44	30.24	33.74	35.7	36.88	*	+
	HEMBA1003595	0.93	1.16	2.46	2.98	4.02	2.01		
50	HEMBA1003597	3.15	3.18	8.74	10.82	11.39	11.59	*	+
	HEMBA1003598	0.58	0.93	1.33	2.62	1.83	1.61	*	+
	HEMBA1003600	3.71	4.19	13.35	14.77	13.86	16.69		
	HEMBA1003602	2.84	2.64	4.89	5.89	6.97	9.14	*	+
55	HEMBA1003604	2.3	3.35	5.67	6.63	8.29	8.16	*	+

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	HEMBA1003610	2.33	3.2	4.48	6.12	5.64	6.81	*	+
	HEMBA1003615	1.76	2.61	5.23	4.95	5.21	4.96		
5	HEMBA1003617	3.59	3.54	8.59	6.92	11.37	8.5		
	HEMBA1003620	5.76	6.01	4.98	13.48	17.69	12.58	**	+
	HEMBA1003621	1.6	1.66	3.19	4.52	5.42	5.08	**	+
	HEMBA1003622	0.96	0.69	1.38	1.47	3.17	2.25		
10	HEMBA1003630	0.78	1.02	1.95	1.68	2.97	1.55		
	HEMBA1003637	0.66	1.93	2.59	2.11	3.11	2.63		
	HEMBA1003640	2.33	2.1	5.27	4.16	5.68	5.5		
15	HEMBA1003645	1.12	1.2	4.41	2.3	3.82	3.06		
	HEMBA1003646	0.94	1.21	1.76	1.25	3.25	1.8		
	HEMBA1003647	0.49	2.15	3.27	2.46	3.79	2.21		
	HEMBA1003656	3.32	3.77	6.96	17.01	10.45	13.78	*	+
20	HEMBA1003662	1.37	2.08	1.54	5.2	3.81	4.91	**	+
	HEMBA1003666	23.84	17.7	51.57	21.97	21.85	24.71		
	HEMBA1003667	4.74	3.63	6.03	4.61	6.22	7.09		
	HEMBA1003670	0.83	0.65	1.94	1.18	2.61	1.51		
25	HEMBA1003674	32.16	29.41	63.99	118.95	138.25	123.17	**	+
	HEMBA1003677	1.84	2.06	4.28	2.32	5.31	3.78		
	HEMBA1003679	1.2	1.68	3.72	2.22	6.19	3.23		
30	HEMBA1003680	4.55	4.68	20.52	27.26	28.13	28.07	*	+
	HEMBA1003684	1.57	1.9	3.98	4	3.65	4.47		
	HEMBA1003690	6.22	7.41	8.65	7.94	9.93	7.33		
	HEMBA1003692	2.41	3.82	7.23	8	8.28	7.7		
35	HEMBA1003702	2.64	3.82	4.83	7.11	6.86	6.07	*	+
	HEMBA1003711	1.06	1.21	3.39	2.93	3.88	2.37		
	HEMBA1003714	1.31	1.26	2.13	1.61	2.45	1.42		
40	HEMBA1003715	1.46	2.7	6.58	10.21	9.15	6.87	*	+
	HEMBA1003717	1.91	2.31	3.91	3.03	3.66	4.38		
	HEMBA1003720	0.81	2.6	5.07	4.16	4.16	4.21		
	HEMBA1003725	0.83	1.57	2.47	3.22	4.91	3.17	*	+
45	HEMBA1003728	1.28	2.48	3.4	2.65	4.36	2.72		
	HEMBA1003729	0.98	2.35	2.85	3.6	4.36	3.52	*	+
	HEMBA1003732	1.11	1.52	3.49	3.01	2.75	1.88		
	HEMBA1003733	1.18	1.9	2.94	3.7	4.95	3.92	*	+
50	HEMBA1003742	5.15	7.3	5.95	21.53	22.58	19.56	**	+
	HEMBA1003743	1.37	1.76	3.21	4.13	4.36	3.68	*	+
	HEMBA1003758	3.26	3.29	11.72	10.07	16.03	12.24		
55	HEMBA1003760	0.82	2.43	3.09	1.92	4.19	3.16		

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	HEMBA1003764	0.88	2.06	4.9	1.86	4.36	4.24		
	HEMBA1003769	6.61	8.95	15.57	22.58	17.05	20.77	*	+
5	HEMBA1003773	2.16	3.5	4.48	5.8	6.7	5.98	*	+
	HEMBA1003783	3.12	3.11	4.95	8.58	8.64	8.27	**	+
	HEMBA1003784	0.46	1.37	2.89	2.37	2.45	1.77		
10	HEMBA1003794	3.48	3.61	13.64	11.98	11.61	15.55		
	HEMBA1003799	1.09	1.05	4.29	2.44	5.06	3.76		
	HEMBA1003803	7.58	6.67	12.05	11.68	7.64	8.41		
	HEMBA1003804	1.08	2.53	4.45	1.86	3.35	2.05		
15	HEMBA1003805	6.41	7.87	10.45	15.74	7.09	11.93		
	HEMBA1003807	1.52	1.53	3.21	2.71	6.32	2.37		
	HEMBA1003810	1.72	3.29	6.06	5.98	4.85	4.55		
	HEMBA1003827	2.71	4.55	12.08	13.28	10.48	15.35		
20	HEMBA1003836	3.42	4.84	10.27	11.16	12.81	9.96		
	HEMBA1003838	16.58	16.15	31.32	34.24	33.25	35.46		
	HEMBA1003843	4.6	6.54	7.01	13.61	6.48	11.42		
25	HEMBA1003846	19.54	21.94	61.32	72.86	70.58	83.4	*	+
	HEMBA1003856	1.41	1.66	2.85	2.07	4.03	2.51		
	HEMBA1003857	2.89	3.1	5.85	5.89	8.29	6.88		
	HEMBA1003864	1.56	2.61	4.04	3.32	4.03	2.75		
30	HEMBA1003866	0.89	0.75	2.21	1.66	2.23	0.73		
	HEMBA1003868	10.92	10.88	18.59	13.26	7.59	15.72		
	HEMBA1003879	0.95	1.33	3.16	3.49	4.42	3.09		
	HEMBA1003880	1.81	2.35	2.78	3.53	4.78	2.3		
35	HEMBA1003884	10.97	11.37	39.03	54.69	62.46	57.8	*	+
	HEMBA1003885	4.59	4.82	7.14	9.19	6.32	8.41		
	HEMBA1003887	3.58	4.93	7.7	8.65	7.93	8.18		
40	HEMBA1003890	4.2	4.48	7.18	7.53	9.1	6.26		
	HEMBA1003893	4.38	6.39	9.53	8.75	13.24	9.94		
	HEMBA1003896	4.15	4.15	10.62	7.4	9.12	6.43		
	HEMBA1003902	1.39	3.78	5.09	4.91	6.42	5.1		
45	HEMBA1003904	0.87	2.16	2.46	2.82	4.32	2.11		
	HEMBA1003908	1.18	1.3	2.89	2.12	5.25	1.43		
	HEMBA1003926	14.46	12.2	39.79	45.5	34.97	55.56		
50	HEMBA1003937	2.75	3.31	5.38	4.3	6.85	4.57		
	HEMBA1003939	2.43	2.48	6.56	8.3	13.32	8.04		
	HEMBA1003940	2.45	3.08	5.01	4.29	6.22	5.55		
	HEMBA1003941	1.4	2.26	2.48	3.37	4.57	4.42	*	+
55	HEMBA1003942	1.63	2.88	3.13	2.01	3.85	2.22		

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	HEMBA1003945	12.57	13.75	22.75	20.99	14.77	19.74		
	HEMBA1003949	1.4	1.9	3.53	3.29	6.22	4.14		
5	HEMBA1003950	3.46	4.86	6.49	14.69	17.53	13.02	**	+
	HEMBA1003953	1.91	1.6	5.14	0.72	3.97	1.44		
	HEMBA1003958	5.16	3.6	7.47	7.54	9.45	6.64		
	HEMBA1003959	2.42	2.72	5.72	5.5	5.5	9.02		
10	HEMBA1003960	3.25	5.81	34.7	24.04	26.4	28.28		
	HEMBA1003966	9.63	8.28	16.73	16.75	17.67	19.84		
	HEMBA1003967	1.75	3.06	3.47	3.48	3.6	3.27		
	HEMBA1003968	0.97	2.14	2.55	2.49	4.56	1.82		
15	HEMBA1003974	634.2	699.64	821.36	986.23	1340.97	1248.21	*	+
	HEMBA1003976	1.05	1.84	3.36	1.21	3.27	2.04		
	HEMBA1003977	1.48	2.07	1.99	1.41	3.49	2.15		
20	HEMBA1003978	2.91	3.72	3.54	3.77	6.18	3.53		
	HEMBA1003981	9.01	6.77	14.06	12.05	11.49	18.27		
	HEMBA1003982	102.64	103.61	302.15	380.08	375.9	466.69	*	+
25	HEMBA1003985	1.18	1.9	2.43	3.21	3.79	2.18		
	HEMBA1003987	3.04	2.23	3.1	2.56	4.34	5.53		
	HEMBA1003989	1.62	1.77	4.56	3.79	5.12	3.31		
	HEMBA1004000	1.63	2.35	5.05	3.46	5.35	4.18		
30	HEMBA1004006	2.79	2.88	12.86	16.29	22.13	19.73	*	+
	HEMBA1004007	0.7	1.92	5.28	3.03	5.18	4.72		
	HEMBA1004010	67.4	61.25	98.24	112.56	96.78	136.86		
	HEMBA1004011	0.48	1.74	2.18	2.58	3.29	1.62		
35	HEMBA1004012	0.79	1.84	2.3	3.11	4.8	3.53	*	+
	HEMBA1004015	2.68	4.15	5.38	8.68	10.65	9.21	**	+
	HEMBA1004024	1.47	2.73	5.65	5.68	8.26	8.07		
40	HEMBA1004029	1.93	3.1	3.03	4.6	8.38	13.11		
	HEMBA1004038	1.04	1.24	1.55	1.18	3.38	1.59		
	HEMBA1004042	0.89	1.42	2.22	1.58	4	2.48		
	HEMBA1004045	0.28	0.94	2.42	3.07	3.32	2.53		
45	HEMBA1004048	4.16	4.16	12.1	19.93	14.84	22.3	*	+
	HEMBA1004049	3.56	3.18	4.87	4.92	6.83	5.48		
	HEMBA1004051	136.19	118.77	205.49	243.62	283.22	223.29	*	+
50	HEMBA1004053	5.11	4.64	8.92	25.25	27.24	21	**	+
	HEMBA1004055	2.28	3.2	4.24	2.15	5.51	2.86		
	HEMBA1004056	3.78	3.07	6.73	5.3	10.99	9.56		
	HEMBA1004060	0.86	1	1.7	0.78	3.94	1.65		
55	HEMBA1004061	4.76	3.94	6.44	7.37	12.64	8.57		

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	HEMBA1004067	10.12	14.76	90.67	108.89	125.21	128.6	*	+
	HEMBA1004071	7.51	7.77	16.52	17.31	12.23	13.37		
5	HEMBA1004074	0.78	1.93	-3.97	4.48	7.06	5.69	*	+
	HEMBA1004078	3.87	2.95	5.22	6.52	6.2	6.87	*	+
	HEMBA1004085	1.05	1.19	2.83	3.57	4.57	2.45		
	HEMBA1004086	3.38	4.95	6	8.92	8.09	6.51	*	+
10	HEMBA1004097	1.18	1.13	2.97	3.66	3.28	2.97		
	HEMBA1004100	3.85	4.81	8.96	6.9	9.64	9.55		
	HEMBA1004103	2	2.91	6.25	6.25	7.24	7.38		
15	HEMBA1004110	3	3.77	5.43	4.18	4.23	5.02		
	HEMBA1004111	3.96	7.64	44.2	53.81	60.1	57.3	*	+
	HEMBA1004124	7.14	10.51	60.12	83.27	97.96	83.59	*	+
	HEMBA1004130	3.12	3.46	10.29	9.45	6.84	8.43		
20	HEMBA1004131	2.14	2.12	3.06	4.08	3.73	3.21	*	+
	HEMBA1004132	0.77	2.22	4.84	3.94	6.31	4.2		
	HEMBA1004133	0.69	1.77	2.56	3.28	5.17	3.22		
25	HEMBA1004138	0.89	1.19	3.05	2.21	4.11	1.83		
	HEMBA1004143	7.1	7.48	17.43	18.83	15	17.6		
	HEMBA1004146	0.89	2.03	3.01	2.96	4.21	2.69		
	HEMBA1004148	1.85	1.57	2.13	2.25	3.38	1.99		
30	HEMBA1004149	1.54	1.44	2.77	2.83	2.59	3.32		
	HEMBA1004150	0.49	1.06	2.15	2.31	1.58	1.08		
	HEMBA1004154	2.24	1.64	5.28	6.28	7.07	4.61		
	HEMBA1004164	1.84	2.23	5.63	6.89	7.13	5.81		
35	HEMBA1004168	2.16	2.24	4.69	3.9	5.32	7.84		
	HEMBA1004199	1.37	1.92	2.34	3.17	3.66	1.8		
	HEMBA1004200	0.84	1.98	3	1.5	4.05	1.78		
40	HEMBA1004201	4.87	5.68	17.64	26.94	32.17	25.65	*	+
	HEMBA1004202	7.7	10.5	9.9	18.08	16.29	15.77	**	+
	HEMBA1004203	1.63	2.31	3.66	4.5	5.3	4.44	*	+
	HEMBA1004207	1.9	3.24	3.62	5.73	6.23	6.2	**	+
45	HEMBA1004210	1.13	1.72	2.67	1.95	4.14	1.87		
	HEMBA1004225	1.1	2.47	5.23	5.96	7.12	5.4		
	HEMBA1004227	2.17	4.44	3.86	5.14	5.71	5.16		
	HEMBA1004235	2.68	2.91	3.74	5.79	5.78	4.44	*	+
50	HEMBA1004237	3	3.31	5.23	5.95	4.67	5.47		
	HEMBA1004238	2.06	3.24	5.93	5.84	7.64	6.52		
	HEMBA1004241	2.32	3.09	3.87	2.74	3.74	3.35		
55	HEMBA1004242	8.66	13.05	20.15	26.83	32.28	26.48	*	+

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	HEMBA1004243	1.8	2.09	3.58	2.8	3.03	2.76		
	HEMBA1004246	1.6	2.68	5.65	6.18	6.24	6.15		
5	HEMBA1004247	0.89	2.73	3.74	3.69	4.23	3.37		
	HEMBA1004248	4.01	3.54	3.85	5.91	8.31	7.47	**	+
	HEMBA1004250	1.55	2.16	2.87	1.91	5.22	1.47		
	HEMBA1004252	3.57	3.27	4.8	4.64	5.79	4.28		
10	HEMBA1004260	2.56	3.08	6.87	7.32	8.16	7.61		
	HEMBA1004264	1.26	2.11	2.59	2.16	2.86	1.37		
	HEMBA1004267	5.5	5.81	14.29	14.22	12.19	11.57		
15	HEMBA1004272	1.75	2.31	3.31	2.26	3.84	2.04		
	HEMBA1004274	5.83	8.13	58.69	77.19	87.61	76.22	*	+
	HEMBA1004275	1	5.4	3.34	1.49	4.49	2.42		
	HEMBA1004276	2.27	2.2	3.42	3.45	4.2	3.06		
20	HEMBA1004279	2.13	2.33	4.37	3.29	5.2	3.88		
	HEMBA1004284	1.78	2.56	6.03	4.16	4.9	5.23		
	HEMBA1004286	1.41	1.35	2.44	1.65	3.55	2.1		
25	HEMBA1004289	2.58	4.17	5.59	5.16	7.18	8.44		
	HEMBA1004293	20.24	18.64	51.03	77.3	52.39	74.25	*	+
	HEMBA1004295	1.08	2.65	3.08	2.73	4.02	2.05		
	HEMBA1004302	0.72	1.84	2.29	1.21	3.39	1.49		
30	HEMBA1004306	2.11	3.01	5.96	3.99	5.74	6.01		
	HEMBA1004312	1.3	1.58	4.98	3.57	3.56	3.56		
	HEMBA1004314	1.78	1.86	4.1	3.35	6.23	4.38		
35	HEMBA1004321	0.88	1.66	2.56	4.05	4.15	4.82	**	+
	HEMBA1004323	2.4	3.16	4.7	4.77	5.29	5.1		
	HEMBA1004327	1.18	1.78	3.23	3.51	4.46	3.1		
	HEMBA1004329	5.57	6.73	15.22	16.29	15.33	15.14		
40	HEMBA1004330	3.93	3.54	4.06	5.87	7.54	5.36	*	+
	HEMBA1004334	2.92	3.63	4.69	4.18	4.74	6.06		
	HEMBA1004335	1.15	1.77	5.1	3.04	4.75	3.14		
	HEMBA1004341	1.01	1.1	1.25	1.13	3.34	1.14		
45	HEMBA1004344	29.93	34.05	68.18	74.25	94.77	82.54	*	+
	HEMBA1004347	0.67	1.65	2.21	2.31	2.25	2.78		
	HEMBA1004349	12.07	11.55	22.26	19.39	22.71	24.41		
50	HEMBA1004352	2.06	2.56	6.96	6.05	6.92	6.58		
	HEMBA1004353	10.21	14.95	25.3	19.64	26.63	25.83		
	HEMBA1004354	1.9	2.56	6.29	5.42	6.94	5.83		
	HEMBA1004356	5.75	6.89	9.43	20.06	19.7	20.1	**	+
55	HEMBA1004360	1.35	1.16	2.73	1.23	4.23	2.26		

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	HEMBA1004366	1.97	1.91	3.57	4.53	6.9	4.73	*	+
	HEMBA1004372	0.3	0.67	1.03	2.04	1.85	0.96		
5	HEMBA1004377	6.57	5.58	10.48	16.45	11.58	13.72	*	+
	HEMBA1004389	8.39	7.87	13.69	16.87	19.3	11.15		
	HEMBA1004391	1.18	0.88	1.37	1.27	4.23	2.34		
	HEMBA1004393	65.85	84.9	114.17	77.61	53.19	85.8		
10	HEMBA1004394	0.84	1.14	1.88	1.68	3.9	2.59		
	HEMBA1004396	1.62	0.82	3.24	2.43	5.44	2.15		
	HEMBA1004401	4.33	4.37	5.25	8.95	14.42	11.05	*	+
15	HEMBA1004405	3.86	2.57	5.7	7.45	7.46	9.38	*	+
	HEMBA1004408	4.27	2.66	5.34	7.19	8.8	9.85	*	+
	HEMBA1004414	1.72	1.74	5.93	9.48	8.98	13.19	*	+
	HEMBA1004429	2.95	3.96	4.23	4.68	6.9	6.8	*	+
20	HEMBA1004433	1.27	1.43	2.98	2.55	2.65	3.47		
	HEMBA1004440	1.33	1.33	2.62	2.3	2.63	1.79		
	HEMBA1004444	2.73	1.9	4.47	4.64	5.38	4.66		
	HEMBA1004446	1.37	0.95	2.26	1.84	2.94	3.19		
25	HEMBA1004451	3.79	7.37	7.66	12.15	9.81	9.87	*	+
	HEMBA1004452	0.71	1.96	2.89	3.53	8.91	2.36		
	HEMBA1004454	1.56	1.71	3.06	2.81	4.83	4.1		
30	HEMBA1004460	1.91	3.49	7.49	4.39	6.91	5.19		
	HEMBA1004461	1	1.87	1.43	1.09	3.95	1.99		
	HEMBA1004468	3.22	4.71	7.36	9.92	12.73	8.79	*	+
	HEMBA1004479	1.02	1.38	2.44	2.59	5.99	3.42		
35	HEMBA1004482	2.77	1.93	5.5	5.62	5.83	5.6		
	HEMBA1004491	6.18	5.55	13	12.32	15.5	15.72		
	HEMBA1004499	9.09	12.56	65.85	86.22	91.62	102.95	*	+
40	HEMBA1004502	1.81	1.9	4.82	3.14	4.83	2.49		
	HEMBA1004505	1.57	2.42	4.6	4.78	7.66	4.09		
	HEMBA1004506	0.96	2.32	3.48	3.28	5.58	2.73		
	HEMBA1004507	29.33	30.94	74.36	85.26	112.08	83.25	*	+
45	HEMBA1004509	1.62	2.92	3.8	5.09	5.19	4.5	*	+
	HEMBA1004523	1.04	1.68	1.65	1.82	3.64	3.02		
	HEMBA1004528	9.41	10.46	59.94	86.06	89.35	98.27	*	+
50	HEMBA1004534	6.43	9.06	20.99	14.78	16.24	20.46		
	HEMBA1004536	1.91	1.91	4.04	2.58	5.65	4.53		
	HEMBA1004538	10.84	12.11	16.22	14.06	12.69	14.98		
	HEMBA1004542	4.37	3.88	23.08	31.45	41.94	35.14	*	+
55	HEMBA1004552	2.98	1.35	4.27	9.89	9.44	7.1	**	+

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	HEMBA1004554	1.21	1.05	2.53	1.91	7.29	2.16		
	HEMBA1004558	2.98	4.6	12.99	21.19	21.7	23.66	**	+
5	HEMBA1004560	1.74	2.06	-4.16	3.47	6.18	4.25		
	HEMBA1004564	4.31	3.3	8.73	7.27	9.96	8.65		
	HEMBA1004566	50.51	49.26	83.43	126.94	55.59	138.13		
	HEMBA1004573	1.07	1.97	3.91	2.91	4.11	2.3		
10	HEMBA1004576	3.68	3.22	10.49	4.73	5.64	3.11		
	HEMBA1004577	6.11	7.2	14	11.74	13.04	10.71		
	HEMBA1004586	1.56	1.32	5.09	5.01	6.65	4.67		
15	HEMBA1004596	3.97	3.19	19.1	27.4	39.04	32.16	*	+
	HEMBA1004604	9.04	8.14	40.08	64.86	69.99	62.02	*	+
	HEMBA1004607	0.96	1.97	4.17	3.02	4.39	3.96		
	HEMBA1004610	1.16	1.89	3.19	2.91	4.8	2.64		
20	HEMBA1004617	0.78	0.89	3.29	2.77	4.53	2.51		
	HEMBA1004622	1.05	2.39	5.1	4.07	5.84	5.04		
	HEMBA1004626	1.56	2.36	4.75	4.06	4.93	2.33		
25	HEMBA1004629	1.5	1.34	3.95	3.17	4.58	2.74		
	HEMBA1004631	1.57	1.73	4.41	3.3	5.73	4.97		
	HEMBA1004632	1.02	1.3	3.43	2.38	3.64	2.36		
	HEMBA1004633	3.2	3.98	8.84	9.3	9.04	10.74		
30	HEMBA1004636	1.29	2.07	3.22	3.23	3.61	6.58		
	HEMBA1004637	1.57	2.12	4.19	3.97	4.85	2.39		
	HEMBA1004638	1.31	1.67	3.26	1.8	4.24	1.52		
	HEMBA1004645	3.04	2.88	6.5	5.07	6.21	5.08		
35	HEMBA1004656	4.38	2.76	4.96	4.13	4.58	3.39		
	HEMBA1004657	16.78	17.12	35.48	31.85	17.55	22.74		
	HEMBA1004666	1.27	2.2	3.32	2.78	4.52	1.44		
	HEMBA1004669	2.49	3.6	6.16	7.32	8.34	5.55		
40	HEMBA1004670	3.1	2.74	6.27	5.11	6.96	3.3		
	HEMBA1004672	1.29	2.33	4.85	2.58	7.25	3.63		
	HEMBA1004689	23.54	21.34	82.29	90.21	98.37	106.84		
45	HEMBA1004690	4.74	5.24	15.26	19.89	22.39	20.76	*	+
	HEMBA1004693	3.16	5.98	25.39	24.92	35.74	32.68		
	HEMBA1004697	1.64	1.96	4.88	7.14	9.69	4.03		
50	HEMBA1004702	8.73	11.47	19.57	19.47	14.63	11.2		
	HEMBA1004704	1.9	3.35	9.01	3.41	5.17	5.36		
	HEMBA1004705	1.13	1.93	3.32	1.8	4.34	1.54		
	HEMBA1004706	1.34	2.4	3.89	4.31	6.23	4.7		
55	HEMBA1004709	2.96	2.9	10.14	6.81	8.65	6.93		

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	HEMBA1004711	1.22	1.44	5.01	1.19	3.14	3.28		
	HEMBA1004723	4.91	5.18	10.06	11.37	16.92	12.96	*	+
5	HEMBA1004725	4.14	4.9	7.68	5.67	8.62	8.54		
	HEMBA1004730	3.57	2.83	4.74	3.64	8.59	4.41		
	HEMBA1004733	1.07	2.64	2.62	1.06	3.54	2.45		
	HEMBA1004734	2.57	3.22	4.46	2.68	5.28	5.32		
10	HEMBA1004736	1.1	1.89	7.12	3.87	12.1	5.09		
	HEMBA1004748	2.24	0.94	5.6	3.02	5.22	2.83		
	HEMBA1004749	6.88	8.33	19.68	16.49	19.03	23.29		
15	HEMBA1004751	1.96	1.76	5.55	3.99	9.86	5.04		
	HEMBA1004752	1.51	1.6	4.23	4.56	4.11	3.32		
	HEMBA1004753	29.15	25.19	85.53	59.89	62.5	95.58		
	HEMBA1004755	7.02	6.32	12.37	9.73	12.72	14.63		
20	HEMBA1004756	1.45	1.76	3.86	2.34	5.21	2.17		
	HEMBA1004758	1.18	1.64	4.53	3.92	5.65	3.17		
	HEMBA1004763	1.79	2.39	5.56	5.45	6.53	6.09		
25	HEMBA1004768	0.83	1.64	2.89	1.69	4.26	1.38		
	HEMBA1004770	1.09	1.36	2.43	1.47	3.53	1.94		
	HEMBA1004771	0.99	1.02	2.44	2.18	3.26	2.57		
	HEMBA1004775	4.07	3.84	7.29	8.61	9.62	13.74	*	+
30	HEMBA1004776	1.86	3.21	3.33	3.95	6.83	6.04	*	+
	HEMBA1004778	1.75	2.24	6.11	3.21	7.64	5.74		
	HEMBA1004784	1.51	1.59	3.11	2.36	4.18	3.62		
	HEMBA1004785	1	1.78	4.15	2.18	6.54	4.48		
35	HEMBA1004789	2.34	2.07	4.42	1.87	5.64	2.87		
	HEMBA1004795	0.62	1.89	3.13	2.45	4.23	1.42		
	HEMBA1004797	1.06	0.84	1.85	2.31	2.85	2.76	*	+
40	HEMBA1004803	4.98	1.72	5.31	4.62	9.79	4.82		
	HEMBA1004806	1.23	1.78	3.22	2.36	3.83	2.33		
	HEMBA1004807	3.05	1.95	3.86	5.58	7.44	4.14		
	HEMBA1004816	4.73	2.61	3.59	3.78	7.97	9.34		
45	HEMBA1004820	1.73	2.33	4.6	2.97	8.74	3.71		
	HEMBA1004833	1.22	1.23	5.54	2.71	6.95	4.37		
	HEMBA1004847	4.73	2.8	9.84	8	11.83	9.15		
50	HEMBA1004850	1.01	1.78	6.15	6.56	13.54	6.38		
	HEMBA1004863	1.75	2.3	4.92	3.34	4.45	5.17		
	HEMBA1004864	2.66	3.91	6.68	4.19	9.03	6.51		
	HEMBA1004865	1.13	2.61	4.06	3.86	6.64	3.38		
55	HEMBA1004880	2.22	3.32	9.22	9.9	10.38	9.48		

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	HEMBA1004882	5.8	7.1	10.16	15.5	15.77	12.03	*	+
	HEMBA1004885	2.34	6	8.67	8.58	8.67	9.27		
5	HEMBA1004889	3.25	3.24	6.5	7.67	10.74	9.8	*	+
	HEMBA1004900	1.51	1.59	3.71	3.21	5.14	2.84		
	HEMBA1004909	0.71	1.96	3.59	3.21	4.47	4.97		
	HEMBA1004918	1.46	1.7	4.93	4.03	7.19	5.77		
10	HEMBA1004923	1.1	1.83	3.72	3.98	7.3	4.27		
	HEMBA1004929	1.01	1.7	2.68	1.66	3.59	1.38		
	HEMBA1004930	1.4	2.06	4.31	3.91	5.87	4.72		
15	HEMBA1004933	2.41	1.5	5.32	5.59	5.43	3.38		
	HEMBA1004934	8.61	8.61	17.67	26.2	27.77	26.83	**	+
	HEMBA1004937	1.36	2.42	3.57	2.79	7.51	2.54		
	HEMBA1004943	1.11	1.75	3.63	2.56	4.88	3.68		
20	HEMBA1004944	0.95	2.51	4.73	3.85	4.79	3.58		
	HEMBA1004946	4.78	4.38	12.5	12.69	14.08	12.8		
	HEMBA1004952	0.9	1.83	4.04	2.76	4.41	2		
25	HEMBA1004954	3.55	3.21	7.92	6.02	6.4	6.12		
	HEMBA1004956	1.37	1.11	2.78	2.12	3.66	1.81		
	HEMBA1004960	0.86	0.75	3.27	4.17	6.72	3.06		
	HEMBA1004971	2.41	2.49	6.81	6.45	8.05	6.92		
30	HEMBA1004972	2.57	2.31	3.63	2.07	5.66	5.84		
	HEMBA1004973	1.16	1.78	3.46	2.53	3.27	3.18		
	HEMBA1004977	3.04	3.08	5.36	5.34	6.29	6.36		
	HEMBA1004978	4.53	5.08	14.93	21.43	19.01	25.37	*	+
35	HEMBA1004980	1.92	2.36	7.92	6.55	6.55	7.29		
	HEMBA1004982	0.83	1.36	2.92	2.8	4.45	2.65		
	HEMBA1004983	1.73	1.88	4.29	3.92	5.5	4.21		
40	HEMBA1004995	2.76	3.99	6.53	7.5	7.46	7.41		
	HEMBA1005004	1.63	3.57	5.12	3.45	5.72	4.07		
	HEMBA1005008	1.61	3.52	4.9	4.61	6.42	5.97		
	HEMBA1005009	4.55	3.9	8.37	11.95	6.96	9.22		
45	HEMBA1005019	3.1	2.57	5.78	6.6	8.07	7.19	*	+
	HEMBA1005021	16.12	17.89	30.44	29.81	23.38	23.26		
	HEMBA1005029	3.13	3.42	7.98	7.23	8.66	6.52		
	HEMBA1005035	6.53	6.29	19.38	18.59	17.77	20.38		
50	HEMBA1005036	19.87	20.39	37.72	23.12	19.26	26.98		
	HEMBA1005039	1.7	3.19	4.59	4.36	6.81	3.69		
	HEMBA1005047	4.31	4.06	5.6	7.01	8.54	7.83	**	+
55	HEMBA1005050	2	2.93	5.07	4.33	6.76	4.39		

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	HEMBA1005062	2.48	3.06	5.62	2.85	5.13	2.03		
	HEMBA1005066	2.28	2.55	5.72	4.81	8.94	6.89		
5	HEMBA1005067	5.81	10.37	-17.44	25.77	30.77	26.84	*	+
	HEMBA1005070	3.33	3.01	8.9	8.51	8.13	6.59		
	HEMBA1005075	1.29	2.45	6.51	3.97	5.38	4.49		
10	HEMBA1005078	7.47	6.74	14.34	14.89	9.95	11.01		
	HEMBA1005079	5.52	5.68	13.65	14.98	16.02	21.42		
	HEMBA1005083	0.94	0.97	2.69	2.17	4.96	1.25		
	HEMBA1005084	5.36	4.49	8.84	7.48	10.38	9.99		
15	HEMBA1005088	1.63	1.64	7.16	3.48	6.18	4.54		
	HEMBA1005089	3.12	3.47	5.53	5.04	9	5.52		
	HEMBA1005090	5.92	5.56	11.7	17.14	12.91	21.06	*	+
	HEMBA1005096	0.88	2.47	3.98	3.35	3.94	2.88		
20	HEMBA1005101	2.29	2.08	4.54	3.23	5.6	4.54		
	HEMBA1005107	1.2	1.92	3.2	2.25	4.48	2.3		
	HEMBA1005113	0.96	2.18	3.35	2.12	5.53	2.72		
25	HEMBA1005123	3.35	3.46	10.83	9.05	10.41	8.28		
	HEMBA1005133	2.6	2.26	7.59	5.11	4.58	7.09		
	HEMBA1005135	1.19	2.77	3.35	1.47	5.28	3.69		
	HEMBA1005145	5.84	6.38	12.56	13.06	14.71	17.84		
30	HEMBA1005149	4.21	3.2	7.92	6.51	8.54	8.47		
	HEMBA1005152	1.81	3.06	3.59	3.31	5.05	3.39		
	HEMBA1005159	1.76	1.96	3.62	2.2	8.12	2.2		
35	HEMBA1005172	120.6	113.48	240.76	174.65	194.57	222.24		
	HEMBA1005185	3.16	2.05	4.47	3.54	6.7	4.15		
	HEMBA1005186	1.55	2.65	3.96	3.52	8.39	2.03		
	HEMBA1005195	2.15	1.08	3.76	1.93	6.73	2.24		
40	HEMBA1005201	3.27	3.45	8.02	5.52	7.17	8.91		
	HEMBA1005202	5.93	4.58	9.4	8.29	9.76	12.83		
	HEMBA1005204	86.99	67.86	141.56	134.68	133.57	172.39		
	HEMBA1005206	6.39	5.08	66.26	72.89	92.07	89.66	*	+
45	HEMBA1005219	4.62	6.56	14.55	15.66	21.85	17.87	*	+
	HEMBA1005223	2.4	1.91	4.92	1.7	3.83	3.86		
	HEMBA1005229	1.18	2.32	3.12	1.57	4.88	2.32		
	HEMBA1005230	1.22	1.56	4.24	2.71	5.92	4.32		
50	HEMBA1005232	0.86	1.13	1.6	0.91	3.81	2.17		
	HEMBA1005238	0.84	1.77	2.67	2.16	3.27	2.29		
	HEMBA1005241	2.77	2.68	7.42	7.63	11.38	7.62		
55	HEMBA1005244	0.87	1.97	5.63	2.57	8.33	6.19		

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	HEMBA1005246	8.84	7.84	17.94	12.96	18.21	14.79		
	HEMBA1005251	3.06	2.57	6.81	6.6	8.47	7.24		
5	HEMBA1005252	2.3	2.7	5.31	4.73	11.4	5.01		
	HEMBA1005267	2.77	3.31	7.25	6.77	12.66	9.89		
	HEMBA1005274	1.75	1.53	3.28	4.8	6.38	6.51	**	+
	HEMBA1005275	0.62	1.27	1.59	1.63	3.44	2.12		
10	HEMBA1005288	3.03	1.16	6.1	6.49	6.35	6.68		
	HEMBA1005293	1.46	1.37	2.53	1.5	4.09	1.78		
	HEMBA1005296	440.88	422.67	780.14	598.1	568.79	483.77		
15	HEMBA1005301	3.93	3.26	29.41	28.17	47.57	44.12		
	HEMBA1005304	1.75	2.3	7	3.36	7.29	7.62		
	HEMBA1005305	0.77	1.18	2.57	0.74	3.99	1.71		
	HEMBA1005311	0.97	1.05	2.08	0.81	1.97	2.13		
20	HEMBA1005313	20.35	21.96	39.64	29.02	19.54	26.39		
	HEMBA1005314	1	1.36	2.6	2.2	4.08	1.99		
	HEMBA1005315	0.81	2.41	4.27	1.95	5.32	3.59		
	HEMBA1005317	0.8	1.48	2.93	1.9	3.68	2.43		
25	HEMBA1005318	1.42	0.95	2.68	1.48	4.54	2.21		
	HEMBA1005324	6.24	8.79	28.39	48.36	52.86	57.05	**	+
	HEMBA1005331	2.77	5.64	15.05	21.73	18.68	21.33	*	+
	HEMBA1005337	12.1	12.25	61.94	98.25	113.65	125.54	*	+
30	HEMBA1005338	4.53	4.54	27.15	34.04	35.53	42.4	*	+
	HEMBA1005344	2.75	2.57	5.08	4.17	4.16	3.3		
	HEMBA1005353	1.15	2.78	6.52	4.66	7.21	6.44		
35	HEMBA1005359	2.6	2.82	7.48	6.59	8.03	7.68		
	HEMBA1005362	1.06	2.73	4.93	7.3	11.27	8.37	*	+
	HEMBA1005364	0.96	1.48	3	2.55	3.78	2.75		
	HEMBA1005367	0.96	1.53	4.19	3.3	4.21	2.99		
40	HEMBA1005372	1	2.24	4.18	2.3	5.1	3		
	HEMBA1005374	2.29	3.31	7.83	6.4	6.45	8.09		
	HEMBA1005379	3.19	3.61	7.65	29.57	25.57	24.46	**	+
45	HEMBA1005382	9.85	11.52	79.62	88.72	86.53	120.52		
	HEMBA1005384	1.44	1.76	3.4	2.78	3.74	2.78		
	HEMBA1005386	1.52	2.67	4.54	4.17	4.66	4.84		
	HEMBA1005389	1.1	0.8	3.01	2.51	4.09	3.75		
50	HEMBA1005394	1.64	2.32	5	8.09	10.03	6.99	*	+
	HEMBA1005403	4.19	4.24	8.81	8.46	11.37	8.87		
	HEMBA1005408	1.43	1.71	5.3	4.52	7.12	6.96		
55	HEMBA1005410	1.06	1.74	3.22	1.78	4.97	2.42		

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	HEMBA1005411	1.38	2.58	4.54	2.84	4.09	2.74		
	HEMBA1005423	4.14	5.87	4.72	12.75	8.59	11.04	*	+
5	HEMBA1005426	0.71	1.79	-2.35	2.08	3.25	4.15		
	HEMBA1005427	9.12	12.47	24.08	37.26	33.57	35.43	*	+
	HEMBA1005430	1.71	1.43	3.23	3.26	4.07	4.78		
	HEMBA1005438	1.42	2.33	4.26	4.01	5.41	2.66		
10	HEMBA1005443	15.57	16.88	35.83	20.61	27.42	29.93		
	HEMBA1005447	1.55	1.95	3.42	2.25	5.9	3		
	HEMBA1005449	1.5	1.36	3.29	1.82	5.83	3.21		
15	HEMBA1005452	8.96	10.79	63.65	107.56	94.42	105.84	*	+
	HEMBA1005454	4.73	4.51	7.91	6.37	8.12	5.33		
	HEMBA1005468	2.49	3.19	4	3.6	4.93	4.86		
	HEMBA1005469	1.39	1.89	5.38	3.44	5.94	4.04		
20	HEMBA1005472	4.04	4.76	7.81	6.79	6.75	8.2		
	HEMBA1005474	4.91	5.42	11.67	7.77	9.4	9.23		
	HEMBA1005475	7.8	7.09	11.75	15.34	10.75	13.59		
	HEMBA1005489	2.47	3.48	4.94	6.34	7	6.54	*	+
25	HEMBA1005497	0.65	1.97	3.47	2.86	4.42	2.14		
	HEMBA1005500	4.64	4.25	11.48	9.17	13.98	10.59		
	HEMBA1005506	3.88	2.15	4.02	2.71	3.57	1.29		
30	HEMBA1005508	5.79	7.67	13.3	11.65	14.52	10.99		
	HEMBA1005511	2.97	2.29	9	4.36	6.36	6.14		
	HEMBA1005513	6.3	9.05	55.46	50.46	60.73	57.45		
	HEMBA1005517	1.8	2.89	3.88	4.37	6.41	3.74		
35	HEMBA1005518	1.48	2.49	3.94	2.94	5.22	2.3		
	HEMBA1005520	1.89	3.19	8.8	8.37	10.13	9.32		
	HEMBA1005522	1.78	2.29	3.37	2.52	4.72	1.45		
40	HEMBA1005526	3.24	2.8	6.25	4.37	7.26	4.58		
	HEMBA1005528	8.59	16.13	16.28	20.24	22.18	20.01		
	HEMBA1005530	2.28	3.62	5.13	4.91	7.75	4.51		
	HEMBA1005538	11.07	10.7	15.34	8.46	4.44	5.89	*	-
45	HEMBA1005539	30.73	31.96	63.32	50.52	49.29	34.26		
	HEMBA1005545	1.2	1.08	3	4.28	6.22	2.25		
	HEMBA1005548	2.38	2.88	11.1	11.04	12.72	9.21		
	HEMBA1005552	2.76	4.58	12.05	9.13	12.8	10.25		
50	HEMBA1005558	1.59	2	5.86	2.18	6.97	4.17		
	HEMBA1005568	3.11	2.96	8.24	6.28	8.45	7.5		
	HEMBA1005570	1.87	2.75	3	1.96	4.49	7.13		
55	HEMBA1005576	1.74	2.8	2.4	3.03	3.55	3.57	*	+

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	HEMBA1005577	1.14	2.02	2.78	0.95	3.08	0.87		
	HEMBA1005581	4.29	4.22	6.85	14.27	18.37	8.15		
5	HEMBA1005582	2.74	2.57	-5.35	3.25	7.91	3.21		
	HEMBA1005583	2.47	3.31	5.86	3.32	6.43	3.44		
	HEMBA1005588	2.51	2.85	6.27	5	6.54	6.14		
	HEMBA1005593	1.5	1.4	2.85	1.83	4.57	2.89		
10	HEMBA1005595	2.62	2.82	4.15	3.31	4.65	4.76		
	HEMBA1005597	4.77	5.18	8.13	9.39	10.34	8.64	*	+
	HEMBA1005606	2.29	2.76	5.79	3.96	6.91	5.83		
15	HEMBA1005609	2.84	2.64	6.61	4.19	5.77	6.81		
	HEMBA1005616	2.01	1.66	8.03	5.44	8.75	7.03		
	HEMBA1005621	2.43	1.91	4.42	4.13	6.24	2.7		
	HEMBA1005627	3.84	3.92	11.61	9.73	15.14	14.89		
20	HEMBA1005628	12.1	12.91	20.55	17.92	23.35	18.08		
	HEMBA1005631	13.47	11.94	26.82	22.77	22.87	29.03		
	HEMBA1005632	1.33	2.33	5.06	3.14	3.68	4.47		
25	HEMBA1005634	3.06	3.42	5.15	2.81	7.68	5.18		
	HEMBA1005662	1.18	1.27	3.17	1.06	4.57	3.03		
	HEMBA1005666	5.89	4.51	10.09	10.5	9.01	10.25		
	HEMBA1005670	1	1.08	4.06	2.87	4.35	3.19		
30	HEMBA1005671	2.11	3.38	5.07	5.36	9	5.9		
	HEMBA1005679	2.33	4.64	7.39	6.5	10.44	10.19		
	HEMBA1005680	2.63	2.14	5.9	5.51	7.59	7.72		
	HEMBA1005685	2	1.89	7.27	3.8	6.73	1.97		
35	HEMBA1005698	5.96	4.75	12.88	11.78	14.17	9.93		
	HEMBA1005699	1.4	1	2.45	2.17	3.66	2.96		
	HEMBA1005703	1.22	1.27	3.57	1.79	3.56	1.88		
40	HEMBA1005705	2.39	2.78	6.45	3.41	6.27	3.89		
	HEMBA1005712	1.23	1.34	4.52	2.18	4.84	2.37		
	HEMBA1005717	1.55	1.89	4.7	1.34	5.36	2.16		
	HEMBA1005718	5.27	4.35	7.8	10.09	10	15.72	*	+
45	HEMBA1005721	15.93	20.34	26.12	37.74	25.37	32.79		
	HEMBA1005722	18	19.32	35.72	25.36	30.28	26.91		
	HEMBA1005724	2.17	2.05	4.6	2.47	6.56	2.98		
50	HEMBA1005732	1.33	1.54	4.89	7.22	8.38	5.67	*	+
	HEMBA1005737	1.49	1.19	2.95	2.44	4.57	1.75		
	HEMBA1005742	3.4	4.65	5.7	4.43	6.35	4.22		
	HEMBA1005746	1.2	1.61	3.23	5.69	4.42	4.85	*	+
55	HEMBA1005747	3.8	3.51	7.52	6.08	6.55	6.67		

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	HEMBA1005749	9.64	9.37	17.99	21.62	19.82	18.15		
	HEMBA1005755	0.49	2.5	3.35	1.66	4.41	2.9		
5	HEMBA1005760	1.59	2.1	-5.37	3.7	4.86	4.14		
	HEMBA1005765	1.47	2.89	5.97	5.91	7.42	7.21		
	HEMBA1005766	8.52	10.49	61.64	93.4	112.09	106.28	*	+
	HEMBA1005780	4.98	5.15	14.49	13.93	16.26	12		
10	HEMBA1005795	1.15	1.8	3.71	4.28	5.45	4.26	*	+
	HEMBA1005809	9.13	9.7	20.95	14.79	29.83	22.75		
	HEMBA1005813	1.76	2.74	6.74	5.39	9	7.08		
15	HEMBA1005815	0.62	1.86	2.75	2.74	4.78	2.13		
	HEMBA1005822	1.34	2.83	5.82	3.77	6.65	5.12		
	HEMBA1005829	1.49	2.66	4.94	5.11	4.53	5.52		
	HEMBA1005833	1.83	1.28	4.41	3.89	5.17	4.57		
20	HEMBA1005834	2.53	1.87	4.84	5.48	11.84	6.81		
	HEMBA1005844	27.89	31.06	52.5	62.42	59.49	58.73	*	+
	HEMBA1005852	5.75	4.18	10.12	10.15	12.34	11.51		
25	HEMBA1005853	2.81	3.05	9.32	5.68	13.84	9.26		
	HEMBA1005878	4.42	4.52	10.14	8.84	10.05	11.01		
	HEMBA1005883	1.67	2.81	4.56	2.81	5.43	4.01		
	HEMBA1005884	1.87	2	3.21	2.27	5.9	2.28		
30	HEMBA1005891	2.39	3.04	3.59	4.34	5.46	3.95		
	HEMBA1005894	2.12	2.41	8.68	8.23	9.08	6.9		
	HEMBA1005898	4.52	3.75	7.4	10.51	10.74	9.53	*	+
	HEMBA1005902	2.57	3.14	8.63	5.36	6.75	5.82		
35	HEMBA1005907	1.15	2.28	2.2	2.28	4.2	1.74		
	HEMBA1005909	0.93	2.68	2.97	2.96	4.55	2.6		
	HEMBA1005911	1.66	3.12	4.9	3.96	9.5	3.41		
40	HEMBA1005912	8.83	7.86	13.57	16.44	8.16	15.58		
	HEMBA1005913	5.05	5.39	10.39	9.57	7.71	7.06		
	HEMBA1005921	2.36	3.86	6.29	5.25	10.06	7.64		
	HEMBA1005922	5.49	5.47	6.99	8.51	10.1	8.74	*	+
45	HEMBA1005929	1.91	2.53	7.53	5.05	5.68	6.47		
	HEMBA1005931	3.32	2.95	6.04	5.31	9.49	6.09		
	HEMBA1005934	2.9	4.69	8.2	8.17	10.14	9.73		
50	HEMBA1005945	3.1	4.12	7.73	6.36	9.39	6.65		
	HEMBA1005962	1.72	1.81	3.16	1.93	3.96	1.72		
	HEMBA1005963	1.86	1.67	3.91	2.26	3.95	2.05		
	HEMBA1005990	6.04	7.39	17.86	14.14	16.18	17.02		
55	HEMBA1005991	2.39	3.35	8.55	7.2	7.64	6.94		

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	HEMBA1005999	2.34	4.39	8.84	6.52	8.18	8.75		
	HEMBA1006002	3.53	5	7.73	5.96	10.24	8.99		
5	HEMBA1006005	0.96	2.31	-3.93	2.87	5.65	3.27		
	HEMBA1006011	26.27	24.03	34.08	62.88	44.8	64.92	*	+
	HEMBA1006013	2.43	2.57	6.31	4.17	6.87	3.74		
	HEMBA1006016	1.65	1.98	5.64	3.22	5.34	2.16		
10	HEMBA1006019	2.97	3.23	6.91	4.46	7.22	5.44		
	HEMBA1006021	5.06	6.45	9.21	10.29	12.48	8.77		
	HEMBA1006022	3.19	4.34	6.89	6.52	6.1	5.94		
15	HEMBA1006031	1.32	2.46	4.38	3.72	5.57	5.34		
	HEMBA1006035	3.05	3.72	7.96	4.99	6.37	4.54		
	HEMBA1006036	2.02	2.3	7	4.27	10.14	7.22		
	HEMBA1006042	3.36	3.1	8.51	5.76	9.59	8.31		
20	HEMBA1006044	1.44	1.99	3.61	2.8	3.4	1.67		
	HEMBA1006045	1.98	1.99	5.08	4.3	8.55	5.64		
	HEMBA1006048	2.42	4.18	5.41	6.84	7.96	8.18	*	+
	HEMBA1006053	1.51	2.72	3.55	3.09	3.3	3.93		
25	HEMBA1006055	1.84	1.91	2.46	3.04	4.92	3.67	*	+
	HEMBA1006058	4.04	4.62	11.59	7.42	10.66	12.41		
	HEMBA1006063	9.2	9.36	32.62	26.37	33.39	27.19		
30	HEMBA1006067	4.14	3.27	5.81	5.8	8.4	7.17		
	HEMBA1006081	0.84	2.59	4.77	2.54	7.08	2.49		
	HEMBA1006089	2.58	4.48	6.82	8.28	10.12	9.66	*	+
	HEMBA1006090	1.66	2.31	2.28	1.66	5.26	1.84		
35	HEMBA1006091	1.1	1.35	1.75	3.15	4.31	2.95	*	+
	HEMBA1006093	1.65	1.77	4.21	2.27	6.67	4.26		
	HEMBA1006099	11.9	9.88	23.12	21.57	16.43	20.57		
40	HEMBA1006100	2.78	3.18	13.25	8.38	15.71	13.52		
	HEMBA1006108	2.69	2.08	4.22	3.42	5.24	3.75		
	HEMBA1006114	7.21	8.76	39.36	34.51	62.97	50.98		
	HEMBA1006121	1.18	1.8	3.13	2.43	5.83	2.91		
45	HEMBA1006124	1.79	1.74	4.47	3.11	4.89	4.13		
	HEMBA1006125	18.52	14.19	23.44	25.23	22.56	34.45		
	HEMBA1006130	5.15	3.1	7.57	6.89	7.84	9.51		
	HEMBA1006138	2.43	2.41	5.55	5.27	9.2	8.12		
50	HEMBA1006142	2.62	1.87	6.23	6.67	9.36	8.91	*	+
	HEMBA1006150	8.32	7.44	21.06	20.42	21.82	24.68		
	HEMBA1006151	567.67	524.4	796.07	915.23	875.11	682.15		
55	HEMBA1006155	0.93	1.33	2.92	1.44	5.54	1.94		

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	HEMBA1006158	3.06	4.95	7.5	5.7	9.04	6.31		
	HEMBA1006164	2.61	1.96	5.89	5.26	4.54	5.82		
5	HEMBA1006171	29.76	24.08	54.44	32.3	33.25	34		
	HEMBA1006173	5.15	3.15	30.41	36.16	55.46	57.62	*	+
	HEMBA1006176	315.12	232.27	427.53	476.77	458.01	381.49		
10	HEMBA1006182	1.47	1.71	6.13	3.02	5.84	5.82		
	HEMBA1006197	6.14	5.09	9.26	9.53	12.1	10.41		
	HEMBA1006198	10.07	6.46	26.71	35.03	45.64	55.68	*	+
	HEMBA1006213	1.98	1.78	2.4	2.33	2.69	2.3		
15	HEMBA1006217	44.9	41.62	72.62	94.44	74.92	78.25		
	HEMBA1006226	40.86	36.82	63.27	77.37	79.96	57.39		
	HEMBA1006235	2.13	1.96	4.34	2.6	5.85	2.32		
	HEMBA1006248	1.74	2.03	4.04	3.37	6.4	2.95		
20	HEMBA1006251	5.41	7.29	7.88	11.96	12.95	9.22	*	+
	HEMBA1006252	0.72	1.28	3.67	2.25	3.56	2.92		
	HEMBA1006253	2.13	2.26	4.1	5.93	5.38	5.76	*	+
25	HEMBA1006259	1.96	2.29	6.02	5.7	3.9	5.32		
	HEMBA1006261	12.25	7.27	18.84	14.23	14.08	13.61		
	HEMBA1006268	2.05	2.56	3.86	4.83	5.09	4.06	*	+
	HEMBA1006271	2.04	3.99	10.58	7.13	9.33	8.51		
30	HEMBA1006272	0.97	2.26	2.84	2.38	6.01	1.93		
	HEMBA1006273	1.53	2.09	4.55	3.58	4.52	2.46		
	HEMBA1006276	2.8	1.26	3.62	4.45	5.84	2.82		
	HEMBA1006278	1.57	2.03	3.19	4.08	4.51	2.72		
35	HEMBA1006283	3.09	3	6.08	7.34	11.13	7.09		
	HEMBA1006284	2.47	1.57	3.14	4.75	6.96	2.82		
	HEMBA1006291	1.42	2.56	4.41	4.6	6.16	2.57		
40	HEMBA1006292	3.36	5.12	17.34	19.95	23.83	21.11	*	+
	HEMBA1006293	1.83	1.46	3.19	2.92	4.02	1.36		
	HEMBA1006299	1.92	2.26	7.03	5.02	6.39	4.74		
	HEMBA1006309	2.26	1.43	3.53	4.47	4.69	3.73	*	+
45	HEMBA1006310	4.14	4.32	7.72	9.51	8.34	5.7		
	HEMBA1006311	1.4	2.33	6.68	5.59	5.85	5.72		
	HEMBA1006313	1.2	1.6	2.74	4.29	4.68	2.26		
50	HEMBA1006316	2.16	3.08	6.72	6.63	6.28	5.59		
	HEMBA1006328	2.78	4.28	13.48	15.14	17	16.56		
	HEMBA1006334	1.46	3.1	2.77	2.79	3.95	2.05		
	HEMBA1006335	10.42	13.98	21.66	20.81	18.03	16.77		
55	HEMBA1006344	2.86	3.55	6.9	7.18	6.88	5.75		

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	HEMBA1006347	2.04	1.83	4.2	2.94	2.76	1.68		
	HEMBA1006349	2.47	2.79	6.73	3.62	5.65	3.5		
5	HEMBA1006352	1.65	1.65	3.27	2.63	5.64	1.32		
	HEMBA1006357	4.99	4.26	8.6	8.36	7.8	7.74		
	HEMBA1006358	1.67	2.57	4.95	4.7	5.11	5.63		
	HEMBA1006359	1.56	2.17	4.02	3.67	5.48	3.3		
10	HEMBA1006360	2.53	2.12	5.1	9.73	10.02	8.61	**	+
	HEMBA1006364	1.71	2.76	4.82	4.02	5.55	3.51		
	HEMBA1006377	5.8	8.03	13.25	20.48	16.19	15.31	*	+
15	HEMBA1006380	1.31	1.57	8.75	6.78	7.01	6.9		
	HEMBA1006381	2.38	3.07	12.65	6.18	7.97	6.66		
	HEMBA1006385	3.21	3.33	8.65	5.41	8.17	5.32		
	HEMBA1006390	9.49	7.85	14.66	22.01	20.52	22.7	**	+
20	HEMBA1006391	6.58	6.85	6.73	12.83	10.12	13.15	**	+
	HEMBA1006398	1.32	1.67	4.19	2.57	4.12	1.69		
	HEMBA1006405	23.81	23.5	38.82	23.85	22.13	24.92		
25	HEMBA1006410	8.26	4.16	6.14	5.74	11.61	6.06		
	HEMBA1006416	2.14	2.62	5.93	5.3	6.98	4.23		
	HEMBA1006418	5.06	5.49	11.76	8.17	8.09	5.92		
	HEMBA1006419	2.67	3.93	8	6.89	7.77	5.2		
30	HEMBA1006421	2.03	3.28	3.09	3.44	4.19	2.27		
	HEMBA1006424	1.48	1.92	3.59	1.94	5.42	1.84		
	HEMBA1006426	3.03	3.99	7.91	7.23	7.87	5.51		
	HEMBA1006430	2.31	2.64	6.29	5.89	7.43	5.08		
35	HEMBA1006438	2.06	2.22	6.35	4.37	6.53	2.92		
	HEMBA1006445	1.98	2.68	5.72	6.11	5.6	4.16		
	HEMBA1006446	1.32	2.61	5.59	2	6.51	2.43		
40	HEMBA1006456	3.51	5.07	8.64	14.9	21.76	15.91	*	+
	HEMBA1006461	1.54	2.18	5.35	4.35	5.49	4.07		
	HEMBA1006467	1.52	1.78	3.61	2.82	7.24	3.2		
	HEMBA1006470	4.06	4.03	22.46	18.72	29.54	19.52		
45	HEMBA1006471	1.58	1.6	6.6	6.45	6.78	6.26		
	HEMBA1006474	7.35	6.37	43.12	55.87	62.01	52.31	*	+
	HEMBA1006476	9.48	10.05	66.66	94.3	119.21	92.71	*	+
50	HEMBA1006482	71.42	71.44	219.31	199.96	180.73	192.88		
	HEMBA1006483	2.03	2.96	7.22	3.36	4.88	3.24		
	HEMBA1006485	2.24	1.72	6.31	4.09	6.53	5.51		
	HEMBA1006486	5.08	5.55	13.73	18.4	16	15.46	*	+
55	HEMBA1006489	1.21	2.18	4.1	3.18	5.4	2.17		

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	HEMBA1006492	5.34	7.71	10.69	15.16	24.33	15.92	*	+
	HEMBA1006494	1.27	1.18	2.67	2.44	3.88	1.86		
5	HEMBA1006497	1.67	2.33	-4.75	4.3	3.79	4.49		
	HEMBA1006501	7.61	7.52	62.05	58.03	78.37	58.59		
	HEMBA1006502	4.73	3.55	15.72	18.66	22.55	21.66	*	+
	HEMBA1006507	8.7	6.8	51	49.69	71.2	48.41		
10	HEMBA1006517	1.51	1.99	5.07	3.43	5.9	4.64		
	HEMBA1006521	1.79	1.8	4	2.41	4.55	3.02		
	HEMBA1006529	4.77	3.74	3.86	5.97	5.83	2.78		
15	HEMBA1006530	1.8	1.39	2.06	1.62	3.53	2.42		
	HEMBA1006535	1.66	1.43	2.01	2.66	2.81	2.43	**	+
	HEMBA1006536	0.59	2.22	3.96	3.04	3.23	2.33		
	HEMBA1006540	1.61	1.68	3.33	3.05	4.1	3.56		
20	HEMBA1006544	1.39	1.63	8	3.54	5.85	4.35		
	HEMBA1006546	2.06	2.56	6.98	4.25	5.77	4.51		
	HEMBA1006549	1.74	2.13	5.93	4.57	4.63	4.61		
25	HEMBA1006559	2.55	1.45	4.63	2.99	5.76	3.32		
	HEMBA1006562	0.74	1.32	4.07	2.39	5.24	2.72		
	HEMBA1006566	0.67	1.28	0.97	1.34	1.69	0.99		
	HEMBA1006569	2.33	1.36	3.97	3.25	3.89	4.02		
30	HEMBA1006572	1.02	2.38	2.94	2.68	3.92	2.01		
	HEMBA1006579	20.44	16.82	51.93	59.14	66.28	72.54	*	+
	HEMBA1006583	3.17	2.85	5.59	5.83	5.94	6.45		
35	HEMBA1006595	1.82	1.63	4.29	2.83	5.22	3.68		
	HEMBA1006597	1.65	2.1	5.34	3.81	6.75	3.77		
	HEMBA1006606	1.75	2.31	4.96	3.72	5.71	2.8		
	HEMBA1006612	2.63	3.54	7.11	7.32	5.31	7.07		
40	HEMBA1006617	1.93	2.58	6.24	4.62	4.6	5.41		
	HEMBA1006624	6.37	8.61	16.93	12.84	15.78	10.91		
	HEMBA1006631	3.24	3.13	8.01	8.11	11.54	6.97		
	HEMBA1006635	1.7	2.57	5.7	4.27	6.27	3.8		
45	HEMBA1006639	1.12	1.98	4.52	4.14	5.3	3.06		
	HEMBA1006643	1.88	1.23	1.85	2.12	3.81	2.17		
	HEMBA1006648	7.69	6.84	16.92	17.63	23.57	23.73	*	+
50	HEMBA1006652	5.96	7.86	16.11	16.41	16.83	17.34		
	HEMBA1006653	2.21	3.66	7.23	6.92	5.18	5.17		
	HEMBA1006658	5.04	6.58	12.68	14.07	13.59	12.01		
	HEMBA1006659	6.8	10.14	48.92	66.47	78.17	67.44	*	+
55	HEMBA1006665	1.44	0.89	3.32	2.77	2.91	1.82		

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	HEMBA1006666	1.83	1.25	3.23	3.24	4.14	2.45		
	HEMBA1006671	8.69	6.74	11.66	17.25	16.13	15.21	**	+
5	HEMBA1006674	1.64	1.99	7.42	6.71	9.73	7.34		
	HEMBA1006676	1.46	2.36	5.19	4.28	6.75	3.19		
	HEMBA1006682	2.17	1.64	3.43	2.2	4.98	1.88		
	HEMBA1006688	1.48	2.46	4.74	3.31	4.38	3.54		
10	HEMBA1006695	1.58	2.41	4.85	3.54	5.79	2.46		
	HEMBA1006696	2.84	3.93	6.29	5.95	6.74	5.82		
	HEMBA1006702	3.31	1.83	13.28	4.13	5.58	4.87		
	HEMBA1006707	2.89	2.62	5.9	5.04	7.54	5.5		
15	HEMBA1006708	2.21	1.52	5.71	4.42	4.57	2.63		
	HEMBA1006709	1.64	1.97	4.6	4.29	5	4.74		
	HEMBA1006717	1.58	2.28	3.58	2.5	4.93	2.28		
20	HEMBA1006724	2.68	3.42	4.55	4.45	4.5	5.47		
	HEMBA1006731	1.83	2.95	3.95	4.12	5.51	3.1		
	HEMBA1006737	1.82	3.5	6.59	3.89	5.09	4.45		
	HEMBA1006742	1.78	2.44	4.16	3.32	4.14	3.61		
25	HEMBA1006743	4	4.02	11.48	14.16	17.25	11.88		
	HEMBA1006744	1.84	1.79	7.74	6.6	8.29	5.72		
	HEMBA1006749	1.14	1.27	3.72	1.88	3.8	1.71		
30	HEMBA1006752	16.53	16.28	26.81	35.31	18.85	33.99		
	HEMBA1006754	1.44	2.6	3.63	5.55	4.33	2.49		
	HEMBA1006758	1.38	2.83	4.25	6.89	4.68	4.02		
	HEMBA1006767	3	4.14	7.88	6.81	7.89	5.51		
35	HEMBA1006770	5.05	2.61	7.12	7.89	8.1	5.05		
	HEMBA1006779	4.44	4.1	10.99	9.57	10.28	8.42		
	HEMBA1006780	3.28	3.19	10.27	7.6	8.33	8.38		
	HEMBA1006789	2.83	1.87	11.34	4.55	5.42	5.51		
40	HEMBA1006795	2.13	2.45	7.58	4.56	7.87	3.29		
	HEMBA1006796	4.31	3.15	5.37	5.85	7.06	4.72		
	HEMBA1006805	2.72	2.73	5.9	12.77	17.38	12.96	**	+
45	HEMBA1006807	30.32	28.07	75.38	54.22	54.72	67.82		
	HEMBA1006813	0.93	1.73	2.81	1.93	4.17	0.97		
	HEMBA1006819	3.73	4.53	8.5	7.02	8.09	5.29		
	HEMBA1006821	1.56	2.37	6.09	5.05	4.24	4.36		
50	HEMBA1006824	2.13	3.13	7.39	5.69	6.04	5.75		
	HEMBA1006832	19.84	18.63	56.97	59.26	61.56	53.28		
	HEMBA1006834	13.23	12.47	20.38	29.88	28.37	21.62	*	+
55	HEMBA1006835	1.11	1.49	3.88	5.08	7.25	4.6	*	+

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	HEMBA1006843	19.27	17.89	35.47	55.34	39.67	68.17	*	+
	HEMBA1006849	5.64	4.37	11.23	10.07	11.23	10.83		
5	HEMBA1006850	31.45	33.76	-60.2	44.62	53.25	45.59		
	HEMBA1006861	12.19	11.3	24.61	22.49	16.43	17.99		
	HEMBA1006865	5.42	8.35	31	33.77	33.36	34.49		
	HEMBA1006867	4.32	5.03	6.41	6.27	7.76	6.15		
10	HEMBA1006873	3.14	3.59	8.87	6.5	9.26	7.75		
	HEMBA1006877	2.52	4.03	5.87	4.03	6.26	3.68		
	HEMBA1006878	2.52	2.36	6.79	3.82	7.86	3.51		
15	HEMBA1006879	6.19	5.68	8.83	11.06	15.86	17.33	*	+
	HEMBA1006884	10.11	3.17	6.59	6.15	8.42	8.78		
	HEMBA1006885	7.02	6.82	14.16	20.86	19.11	21.73	*	+
	HEMBA1006886	20.38	17.25	26.55	29.45	29.15	40.93		
20	HEMBA1006889	2.61	4.02	4.85	4.48	5.99	6.09		
	HEMBA1006896	19.11	24.76	31.7	33.67	39.11	40.41	*	+
	HEMBA1006900	6.19	5.93	20.76	16.81	23.73	18.45		
25	HEMBA1006902	1.43	2.45	3.86	4.03	6	3.98		
	HEMBA1006912	1.24	1.74	6.86	4.12	5.8	5.3		
	HEMBA1006914	6.64	6.11	18.27	14.81	18.62	15.03		
	HEMBA1006916	3.11	2.71	5.78	10.29	7.48	9.36	*	+
30	HEMBA1006921	3.03	3.5	9.63	9.77	11.26	13.59		
	HEMBA1006926	2.65	2.61	5.68	5.01	6.53	6.98		
	HEMBA1006927	3.06	2.2	5.17	3.57	5.26	5.89		
	HEMBA1006929	2.94	2.69	4.02	4.31	6.36	5.25	*	+
35	HEMBA1006936	3.72	3.21	6.51	4.67	6.25	5.45		
	HEMBA1006938	1.21	2.11	6.57	2.37	3.76	3.44		
	HEMBA1006941	9.52	8.15	12	19.26	28.62	23.74	**	+
40	HEMBA1006942	5.2	2.63	6.65	10.7	10.65	11.4	**	+
	HEMBA1006945	10.07	5.91	16.81	23.73	17.09	19.91		
	HEMBA1006949	1.6	1.43	3.88	2.48	5.34	2.81		
	HEMBA1006952	1.16	1.66	2.98	3.02	5.04	2.22		
45	HEMBA1006960	2.53	2.78	7.66	5.9	8.28	8.68		
	HEMBA1006973	1.74	2.27	5.91	4.7	7.84	5.54		
	HEMBA1006974	2.49	3.44	6.76	6.09	11.01	8.14		
	HEMBA1006976	1.39	1.5	4.12	3.18	4.96	4.36		
50	HEMBA1006989	1.85	1.66	6.51	2.05	3.01	1.81		
	HEMBA1006993	2.71	2.39	6.49	6.11	7.69	8.79		
	HEMBA1006996	0.74	1.15	2.98	2.52	3.13	3.58		
55	HEMBA1007001	1.91	2.47	5.12	3.98	6.37	4.76		

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	HEMBA1007002	7.02	4.12	31.4	26.92	38.45	42.11		
	HEMBA1007013	1.02	0.94	3.04	1.44	4.39	2.27		
5	HEMBA1007016	2.02	1.43	-5.06	3.27	5.97	5.28		
	HEMBA1007017	0.69	1.24	2.55	1.42	3.33	1.83		
	HEMBA1007018	4.02	4.52	6.54	7.65	6.1	7.07		
	HEMBA1007044	8.13	8.41	17.4	15.48	11.97	12.27		
10	HEMBA1007045	1.64	2.15	4.42	2.61	5.08	3.47		
	HEMBA1007051	2.26	2.56	4.71	3.42	4.42	3.28		
	HEMBA1007052	2.23	1.25	3.47	2.37	4.62	1.83		
	HEMBA1007053	1.83	3.14	4.03	2.64	4	2.5		
15	HEMBA1007057	0.92	2.56	3.21	3.52	4.03	3.41		
	HEMBA1007062	0.91	0.82	2.73	2.34	2.87	1.82		
	HEMBA1007063	3.87	2.7	8.87	8.56	8.02	7.58		
20	HEMBA1007066	1.72	2.03	3.62	2.2	4.39	2.71		
	HEMBA1007069	1.36	2.29	3.87	3.84	3.48	3.66		
	HEMBA1007073	1.93	2.16	6.12	2.96	9.57	3.6		
	HEMBA1007076	1.48	2.6	5.56	4.66	7.6	3.4		
25	HEMBA1007078	6.5	6.83	18.61	26.96	27.47	23.78	*	+
	HEMBA1007080	7.6	9.46	38.27	61.02	68.15	51.34	*	+
	HEMBA1007084	1.28	1.42	4.76	3.68	6.27	4.76		
30	HEMBA1007085	3.28	2.89	8.21	5.76	7.21	5.42		
	HEMBA1007087	2.6	2.88	6.31	3.96	6.92	5.63		
	HEMBA1007089	26.17	28.1	43.8	46.11	34.41	29.42		
	HEMBA1007095	75.81	62.79	111.43	134.53	48.47	121.4		
35	HEMBA1007101	2.78	3.27	8	26.73	21.52	19.57	**	+
	HEMBA1007104	1.87	1.92	3.52	2.46	4.53	2.57		
	HEMBA1007106	4.77	4.8	9.03	16.42	12.5	9.49		
	HEMBA1007112	3.01	3.07	5.16	6.39	6	4.77		
40	HEMBA1007113	1.53	2.29	9.04	6.03	6.1	5.97		
	HEMBA1007121	13.76	14	92.08	116.14	111.53	129.12	*	+
	HEMBA1007129	1.54	2.44	2.87	2.66	4.37	1.89		
45	HEMBA1007147	1.68	2.88	4.4	3.96	4.76	4.06		
	HEMBA1007149	5.3	7.24	8.38	10.48	6.82	9.73		
	HEMBA1007151	0.85	1.87	3.38	3.32	3.88	2.54		
	HEMBA1007172	1.26	1.91	4.13	2.96	4.81	3.51		
50	HEMBA1007174	1.4	1.43	2.75	3.96	3.65	2.5		
	HEMBA1007176	2.58	3.95	11.7	6.7	6.78	4.52		
	HEMBA1007178	4.77	4.71	9.32	10.94	13.03	8.12		
55	HEMBA1007185	9.38	10.32	9.59	19.5	7.83	15.16		

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	HEMBA1007186	1.71	2.76	4.49	4.95	5.47	3.86		
	HEMBA1007194	4.81	3.43	5.58	7.83	9.34	8.67	**	+
5	HEMBA1007200	1.18	2.33	-- 2.9	3.25	4.6	1.66		
	HEMBA1007203	1.54	3.5	5.38	6.03	6.87	5.05		
	HEMBA1007206	1.92	2.46	5.72	7.07	7.91	5.94		
	HEMBA1007224	5.4	6.5	9.06	9.23	5.85	8.06		
10	HEMBA1007226	7.19	8.07	40.61	59.31	70.51	62.19	*	+
	HEMBA1007240	10	10.96	13.45	15.35	7.71	11		
	HEMBA1007241	3.59	2.88	4.56	4.61	6.81	3.63		
15	HEMBA1007242	2.52	2.86	5.01	6.29	6.87	4.23		
	HEMBA1007243	10.23	10.91	69.57	70.17	95.69	82.75		
	HEMBA1007251	1.32	1.8	4.14	3.02	3.67	2.01		
	HEMBA1007256	1.39	1.91	3.36	3.93	5.74	3.44		
20	HEMBA1007267	3.19	3.71	8.75	8.73	9.18	8.1		
	HEMBA1007273	0.98	2.66	3.84	3.56	5.82	2.25		
	HEMBA1007279	1.55	2.25	3.52	2.95	4.35	2.02		
25	HEMBA1007281	1.73	1.54	2.12	2.95	4.43	1.01		
	HEMBA1007283	2.45	3.15	6.78	6.37	6.58	5.96		
	HEMBA1007288	2.12	2.77	5.54	4.35	6.74	5.48		
	HEMBA1007291	1.59	1.8	4.29	2.14	4.4	0.98		
30	HEMBA1007299	20.39	22.25	39.67	40.95	47.97	40.26		
	HEMBA1007300	2.08	2.75	3.59	4.17	4.45	4.07	*	+
	HEMBA1007301	1.97	2.82	3.15	3.73	3.99	3.44	*	+
	HEMBA1007319	2.84	3.61	6.73	5.21	6.12	3.32		
35	HEMBA1007320	1.29	1.22	3.12	4.19	3.45	2.42		
	HEMBA1007322	19.97	17.81	27.74	45.24	39.42	37.31	**	+
	HEMBA1007323	4.54	6.69	11.47	6	6.36	6.21		
40	HEMBA1007326	4.58	3.85	13.34	8.29	8.07	9		
	HEMBA1007327	3.37	3.98	8.91	6.14	9.31	8.98		
	HEMBA1007332	3.12	3.47	5.42	5.27	7.56	5.33		
	HEMBA1007341	1.4	2.51	3.24	2.93	3.38	3.36		
45	HEMBA1007342	1.06	2.05	3.02	1.52	3.23	1.98		
	HEMBA1007347	3.39	3.24	6.34	4.55	7.34	6.32		
	HEMBA1007353	2.43	2.22	4.99	2.68	6.9	3.01		
50	HEMBA1000005	1.57	2.54	5.35	2.68	4.65	3.64		
	HEMBA1000008	2.19	2.53	5.99	3.51	6.31	3.71		
	HEMBA1000018	2.21	2.16	7.13	9.9	9.79	7.24		
	HEMBA1000024	3.71	2.15	5.4	5.13	5.77	6.39		
55	HEMBA1000025	2.11	2.09	3.55	1.68	5.13	2.62		

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	HEM881000030	3.12	3.53	6.58	6.62	7.77	6		
	HEM881000036	5.3	4.76	5.04	6.95	8.19	5.93	*	+
5	HEM881000037	4.43	3.64	4.73	4.63	8.38	5.32		
	HEM881000039	1.17	0.96	3.98	2.61	4.11	2.95		
	HEM881000044	1.22	2.35	4.26	5.28	5.58	5.36	*	+
	HEM881000048	3.2	1.7	3.48	3.99	5.4	3.96		
10	HEM881000050	2.32	1.55	3.33	2.97	3.98	2.85		
	HEM881000054	2.03	2.08	7.07	4.49	5.09	3.98		
	HEM881000055	42.59	36.75	92.41	100.33	86.52	89.35		
	HEM881000059	2.5	2.65	11.34	10.96	11.52	14.73		
15	HEM881000072	6.84	7.77	58.85	73.22	97.61	76.22	*	+
	HEM881000081	2.85	3.56	10.79	5.69	6.19	7.23		
	HEM881000083	1.13	1.95	5.38	4.88	5.89	5.33		
20	HEM881000089	1.14	2.53	4.54	6.03	6.73	5.43	*	+
	HEM881000094	4.12	4.3	8.4	4.24	5.04	6.62		
	HEM881000097	2.48	1.71	7.91	4.75	4.55	4.3		
	HEM881000099	2.69	2.07	6.27	5.18	6.75	5.64		
25	HEM881000103	7.19	5.28	18.55	13.99	19.26	16.16		
	HEM881000106	3.91	3.75	8.15	4.24	6.4	5.9		
	HEM881000113	1.25	1.54	3.33	1.39	4.14	2.31		
30	HEM881000119	2.19	2.17	5.66	3.34	6.12	4.05		
	HEM881000133	21.01	22.21	30.57	43.5	66.13	60.69	*	+
	HEM881000134	4.92	2.95	8.69	13.39	9.79	9.8		
	HEM881000136	7.14	8.81	29.63	23.11	26.28	28.23		
35	HEM881000141	1.98	2.85	6.18	4.95	5.75	6.16		
	HEM881000144	2.05	2.59	4.85	3.09	5.36	1.38		
	HEM881000147	3.77	2.08	4.51	4.55	7.39	3.07		
40	HEM881000152	0.79	1.45	3.42	5.13	5.15	3.45		
	HEM881000154	0.98	1.11	3.43	2.59	2.89	2.47		
	HEM881000155	0.88	0.54	3.15	3.33	4.15	1.92		
	HEM881000173	3.35	3.72	12.14	10.1	10.89	7.51		
45	HEM881000175	1.85	1.32	3.39	6.06	4.09	3.86		
	HEM881000176	1.48	4.03	6.12	3.43	9.75	5.03		
	HEM881000198	0.88	1.72	3.64	2.6	3.59	3.22		
	HEM881000208	1.12	1.52	3.04	1.74	3.23	2.69		
50	HEM881000209	1.62	1.54	3.76	3.32	3.94	3.28		
	HEM881000212	1.88	1.03	3.26	4.37	3.93	1.98		
	HEM881000215	1.61	2.13	3.8	4.67	5.49	5.32	*	+
55	HEM881000217	5.67	4.97	11.23	15.21	18.81	11.78	*	+

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	HEMBS1000218	2. 13	2. 28	11. 05	7. 47	10. 07	7. 05		
	HEMBS1000226	2. 63	3. 26	6. 02	4. 02	5. 86	3. 41		
5	HEMBS1000230	1. 39	1. 83	3. 73	1. 95	4. 31	2. 58		
	HEMBS1000240	6. 04	8. 26	10. 01	3. 97	2. 7	1. 75	*	-
	HEMBS1000244	1. 39	1. 64	3. 51	2. 51	2. 63	1. 68		
	HEMBS1000250	1. 17	0. 99	1. 12	1. 94	1. 25	1. 12		
10	HEMBS1000258	1. 71	1. 94	5. 8	4. 38	5. 63	3. 27		
	HEMBS1000264	2. 49	3. 12	11. 01	8. 64	8. 34	8. 1		
	HEMBS1000266	2. 81	2. 65	5. 52	3. 38	5. 95	3. 71		
15	HEMBS1000272	4. 76	4. 16	6. 06	8. 38	6. 88	7. 45	*	+
	HEMBS1000274	1. 51	1. 15	3. 17	2. 54	3. 18	1. 88		
	HEMBS1000276	1. 12	1. 84	4. 72	3. 1	4. 01	2. 43		
	HEMBS1000284	0. 94	1. 81	2. 89	2. 83	3. 11	1. 65		
20	HEMBS1000307	1. 52	1. 7	4. 78	2. 8	5. 31	3. 27		
	HEMBS1000309	1. 43	2. 73	3. 07	3. 09	3. 56	2. 19		
	HEMBS1000312	1. 99	1. 38	5. 18	7. 03	7. 2	4. 35		
25	HEMBS1000317	0. 17	1. 62	3. 32	2. 6	4. 73	2. 14		
	HEMBS1000318	1. 11	2. 69	3. 85	2. 28	4. 46	1. 68		
	HEMBS1000332	3. 12	3. 84	4. 37	3. 75	3. 95	2. 72		
	HEMBS1000335	0. 77	2. 35	4. 66	6. 16	4. 66	3. 44		
30	HEMBS1000336	0. 99	1. 11	3. 59	2. 09	3. 52	2. 29		
	HEMBS1000337	4. 3	5. 06	20. 22	22. 86	24. 84	22. 82		
	HEMBS1000338	2. 11	1. 92	5. 86	7. 13	8. 92	4. 71		
35	HEMBS1000339	1. 66	1. 76	5. 84	3. 75	4. 99	3. 84		
	HEMBS1000341	1. 4	1. 91	3. 68	3. 06	4. 77	2. 83		
	HEMBS1000343	2. 51	3. 15	6. 96	7. 24	8. 68	7. 46		
	HEMBS1000354	3. 26	3. 5	10. 36	7	8. 93	8. 07		
40	HEMBS1000358	1. 09	2. 11	3. 82	3. 43	2. 83	1. 93		
	HEMBS1000369	1. 93	2. 33	3. 87	5. 96	6. 54	2. 89		
	HEMBS1000373	1. 77	2. 73	3. 91	2. 26	6. 2	2. 94		
	HEMBS1000374	3. 27	4. 06	9. 34	9. 58	13. 36	6. 95		
45	HEMBS1000376	2. 71	3. 92	12. 28	10. 03	6. 99	7. 71		
	HEMBS1000383	60. 87	62. 14	104. 01	69. 28	57. 52	83. 25		
	HEMBS1000391	1. 8	2. 66	4. 57	4. 89	6. 18	4. 29		
50	HEMBS1000399	2. 51	3. 79	3. 69	3. 93	5. 72	3. 71		
	HEMBS1000402	1. 61	2. 06	3. 33	2. 67	5. 3	1. 72		
	HEMBS1000404	1. 34	1. 15	5. 18	2. 56	5. 29	1. 81		
	HEMBS1000407	2. 2	3. 36	6. 76	5. 57	5. 75	4. 66		
55	HEMBS1000420	1. 93	1. 46	3. 86	4. 33	4. 76	4. 54	*	+

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	HEMBB1000430	38.77	36.24	61.06	51.76	34.69	50.02		
	HEMBB1000434	3.05	4.73	9.02	6.54	6.59	6.63		
5	HEMBB1000438	1.13	1.83	4.16	2.23	4	1.39		
	HEMBB1000441	2.26	3	7.35	5.44	8	4.78		
	HEMBB1000447	29.84	32.01	39.91	35.88	44.02	33.55		
	HEMBB1000449	1.3	1.31	3.72	1.51	3.04	1.54		
10	HEMBB1000453	8.61	8.04	13.39	14.23	18.78	13.74		
	HEMBB1000455	1.29	1.97	3.19	3.13	5.46	3.54		
	HEMBB1000472	2.3	2.28	4.22	4.07	4.35	3.52		
15	HEMBB1000480	1.9	3.59	7.03	5.71	6.63	5.87		
	HEMBB1000486	2.15	2.98	6.93	4.82	7.86	5.9		
	HEMBB1000487	1.21	1.79	4.48	2.66	4.8	2.57		
	HEMBB1000490	3.67	4.13	12.61	7.92	8.7	6.55		
20	HEMBB1000491	1.36	2.91	5	3.83	4.78	4.42		
	HEMBB1000492	3.02	4.04	6.84	5.63	6.94	5.34		
	HEMBB1000493	1.57	1.71	3.26	2.41	5.38	3.27		
	HEMBB1000510	1.32	1.71	4.94	4.4	5.61	4.21		
25	HEMBB1000516	5.64	7.71	36.22	16.62	18.58	17.09		
	HEMBB1000518	0.88	1.22	2.63	2.21	4.27	1.73		
	HEMBB1000523	1.32	2.78	7.41	3.33	7.74	4.1		
30	HEMBB1000530	2.83	2.51	9.72	6.06	7.81	6.64		
	HEMBB1000542	3.08	4.55	9.39	8.48	14.07	9.82		
	HEMBB1000550	4.84	2.87	4.77	10.48	5.74	5.33		
	HEMBB1000554	2.14	2.26	8.65	6.43	11.59	7.19		
35	HEMBB1000556	2.64	2.68	4.48	3.1	4.67	4.6		
	HEMBB1000564	1.81	1.4	5.87	4.26	5.34	6.18		
	HEMBB1000567	1.39	1.71	3.7	2.1	3.87	3.3		
40	HEMBB1000569	3.78	2.72	8.76	4.88	7.13	5.65		
	HEMBB1000573	3.48	3.44	11.31	7.33	9.55	7.56		
	HEMBB1000575	12.42	2.7	10.57	7.16	8.38	12.35		
	HEMBB1000579	2.12	3.75	4.84	3.01	8.61	4.04		
45	HEMBB1000585	0.83	1.19	3.19	2	4.1	3.35		
	HEMBB1000586	2.18	1.41	4.28	4.07	4.23	4.11		
	HEMBB1000589	2.98	1.58	3.62	3.38	3.75	3.69		
	HEMBB1000591	2.62	2.15	3.96	4.44	5.26	4.64	*	+
50	HEMBB1000592	2.05	1.2	3.18	3.87	3.39	2.15		
	HEMBB1000593	10.25	5.67	51.69	53.87	82.75	77.88	*	+
	HEMBB1000595	6.42	5.2	11.24	12.51	17.1	9.55		
55	HEMBB1000598	1.57	1.69	5.91	2.94	6.76	4.77		

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	HEMBB1000611	0.94	1.16	2.08	1.15	2.79	1.66		
	HEMBB1000617	2.01	3.04	9.31	6.14	8.79	6.97		
5	HEMBB1000623	2.51	3.08	-4.64	5.58	5.83	3.9		
	HEMBB1000630	3.23	2.5	3.78	2.42	5.54	2.51		
	HEMBB1000631	8.91	10.69	18.75	22.52	23.76	22.55	*	+
	HEMBB1000632	6.77	8.77	20.85	27.2	18.4	23.31		
10	HEMBB1000636	9.52	15.91	22.42	25.26	21.65	19.96		
	HEMBB1000637	6.63	9.77	19.44	17.77	24.39	20.28		
	HEMBB1000638	1.44	1.41	3.23	3.6	5.29	3.34		
15	HEMBB1000642	3.47	2.31	7.58	7.65	9.33	9.93		
	HEMBB1000643	0.71	1.87	2.71	1.62	3.54	2.12		
	HEMBB1000649	2.25	2.22	6.45	4.94	7.61	5.72		
	HEMBB1000652	1.8	2.21	5.33	5.13	5.14	4.93		
20	HEMBB1000655	1.07	1.17	3.24	1.64	4.74	2.01		
	HEMBB1000665	0.52	1.08	2.23	1.69	2.92	2.01		
	HEMBB1000668	1.85	1.46	2.76	5.07	5.42	4.1	**	+
	HEMBB1000671	2.36	2.01	6.77	7.03	7.81	6.94		
25	HEMBB1000673	0.75	1.27	2.92	2.84	4.63	2.43		
	HEMBB1000679	3.26	2.84	5.59	4.42	7.19	5.76		
	HEMBB1000684	1.83	2.53	6.6	5.01	6.92	5.6		
30	HEMBB1000692	0.93	2	2.46	1.77	2.5	1.09		
	HEMBB1000693	0.96	1.29	2.47	1.6	2.79	1.34		
	HEMBB1000705	2.61	2.52	4.85	4.97	8.2	6.53		
	HEMBB1000706	0.78	1.07	2.18	2.56	2.93	1.06		
35	HEMBB1000709	3.53	2.92	8.39	8.16	7.99	10.26		
	HEMBB1000714	1.41	2.85	9.32	5.31	10.37	8.79		
	HEMBB1000725	1.61	2.22	4.35	3.04	6.22	4.72		
40	HEMBB1000726	1.88	2.34	8.76	5.63	7.1	4.83		
	HEMBB1000729	1.82	3.28	4.3	3.3	5.21	2.79		
	HEMBB1000738	1.94	2.6	5.55	3.99	5.53	6.15		
	HEMBB1000749	4.06	4.15	7.47	7.48	9.56	8.27		
45	HEMBB1000763	5.81	5.56	6.21	6.65	9.9	6.61		
	HEMBB1000770	2.76	2.06	8.8	7.73	9.62	8.83		
	HEMBB1000774	1.62	2.75	3.7	3.07	4.39	2.34		
	HEMBB1000777	5.17	5.49	7.42	6.86	4.9	7.37		
50	HEMBB1000781	3.7	4.19	6.89	7.64	5.28	6.83		
	HEMBB1000788	0.87	1.79	2.45	2.65	4.88	1.35		
	HEMBB1000789	1.91	2.22	3.01	3.1	6.55	1.86		
55	HEMBB1000790	1.97	2.15	4.48	4.59	4.21	2.53		

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	HEMBS1000794	1.46	1.8	2.85	2.97	3.84	2.06		
	HEMBS1000807	2.55	2.72	5.18	3.57	4	4.26		
5	HEMBS1000809	30.31	26.87	132.99	158.22	156.74	195.14	*	+
	HEMBS1000810	1.98	2.67	4.51	3.76	6.08	4.12		
	HEMBS1000821	1.98	1.93	2.98	2.05	4.45	1.79		
	HEMBS1000822	1.08	1.97	2.31	1.65	5.31	1.46		
10	HEMBS1000826	1.36	1.99	3.57	3.77	6.11	3.6		
	HEMBS1000827	2.48	2.89	5.83	2.67	5.05	2.99		
	HEMBS1000831	3.4	2.31	5.67	3.84	7.74	2.95		
15	HEMBS1000835	1.76	1.94	6.2	7.59	7.62	7.47	*	+
	HEMBS1000840	1.27	2.95	6.89	4.48	7.19	3.01		
	HEMBS1000848	2.08	3.45	5.63	5.39	6.45	5.3		
	HEMBS1000852	1.26	2.16	2.8	1.07	4.51	1.55		
20	HEMBS1000857	7.65	6.49	8.13	7.01	10.69	11.53		
	HEMBS1000858	3.7	3.13	7.3	7.07	9.38	7.31		
	HEMBS1000867	2.21	1.84	4.9	3.02	5.55	4.04		
	HEMBS1000870	1.64	2.37	4.56	2.84	5.31	3.63		
25	HEMBS1000876	1.48	2.86	3.91	4.54	3.22	3.93		
	HEMBS1000881	3.35	5.56	10.5	6.12	5.88	3.85		
	HEMBS1000883	1.02	2.68	2.2	3.03	3.32	2.58		
30	HEMBS1000887	16.9	14.54	43.41	67.39	61.26	59.84	*	+
	HEMBS1000888	1.03	1.67	2.39	1.63	3.92	1.86		
	HEMBS1000890	2.93	3.36	10.85	6.01	8.62	7.68		
	HEMBS1000893	3.28	2.54	5.46	4.5	6.14	5.57		
35	HEMBS1000900	1.27	1.53	2.98	2.06	2.54	1.58		
	HEMBS1000905	5.09	3.75	6.6	10.05	9.45	8.77	**	+
	HEMBS1000908	3.34	2.79	3.01	4.48	4.71	5.7	**	+
	HEMBS1000910	1.74	2.91	2.55	2.09	3.56	2.24		
40	HEMBS1000913	1.41	1.51	2.22	2.8	3.41	1.91		
	HEMBS1000915	32.08	25.6	50.05	48	58.92	51.07		
	HEMBS1000917	2.1	2.78	5.72	2.99	4.52	3.44		
45	HEMBS1000927	1.45	1.24	1.82	1.49	3.25	1.88		
	HEMBS1000932	0.66	2.06	2.74	1.81	3.41	1.61		
	HEMBS1000933	7.47	7.12	10.71	12.88	12.78	19.19		
	HEMBS1000936	1.44	1.96	2.87	3.75	6.44	3.55		
50	HEMBS1000939	7.86	7.14	9.02	15.98	15.3	18.25	**	+
	HEMBS1000941	1.53	1.86	3.17	3.99	4.46	3.52	*	+
	HEMBS1000947	3.53	3.34	4.61	4.67	6.8	5.72		
55	HEMBS1000954	1.08	1.82	2.54	1.62	4.01	3.08		

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	HEMBS1000959	0.77	1.41	3.11	2.23	4.42	1.87		
	HEMBS1000973	1.21	1.12	2.6	2.07	4.47	3.2		
5	HEMBS1000975	0.9	1.28	1.55	2.48	2.86	1.7	*	+
	HEMBS1000981	1.54	0.66	1.99	1.84	3.47	2.03		
	HEMBS1000985	1.67	1.82	2.71	3.59	3.99	3.24	*	+
	HEMBS1000991	0.99	1.35	2.83	1.46	3.75	2.43		
10	HEMBS1000996	4.89	3.12	6.78	6.75	6.64	11.18		
	HEMBS1001000	1.86	1.39	4.06	3.07	5.46	3.88		
	HEMBS1001004	1.15	1.32	2.57	2.56	4.55	2.42		
15	HEMBS1001008	1.48	1.79	2.75	2.44	4.6	2.88		
	HEMBS1001011	1.34	1.15	1.53	2.47	2.24	2.9	**	+
	HEMBS1001014	1.31	1.43	2.3	2.73	4.84	4.1	*	+
	HEMBS1001020	1.17	0.75	2.77	1.77	2.67	2.26		
20	HEMBS1001024	3.31	1.72	6.27	5.47	7.56	6.82		
	HEMBS1001026	5.14	4.03	5.16	5.46	7.67	5.44		
	HEMBS1001037	2	1.45	4.73	3.52	5.69	6.67		
25	HEMBS1001042	0.52	1.15	2.69	1.29	3.61	0.87		
	HEMBS1001046	1.18	1.28	2.16	1.67	3.82	0.96		
	HEMBS1001047	1.01	1.7	3.79	2.2	3.83	3.83		
	HEMBS1001048	2.5	2.34	7.02	4.34	11.02	6.93		
30	HEMBS1001051	1.44	2.62	3.23	3.95	6.26	3.9		
	HEMBS1001056	1.61	2.67	4.89	3.75	5.7	3.78		
	HEMBS1001058	1.3	1.92	4.72	2.64	6.92	2.63		
35	HEMBS1001060	0.69	0.68	1.75	2.05	4.61	1.85		
	HEMBS1001063	1.23	1.83	3.52	2.43	4.21	2.9		
	HEMBS1001068	1.84	3.62	3.59	3.46	7.14	5.2		
	HEMBS1001082	2.24	2.57	5.98	5.38	6.93	6.36		
40	HEMBS1001095	6.39	7.45	11.76	14.04	14.61	13.16	*	+
	HEMBS1001096	1.3	1.91	3.05	3.21	4.12	3.49		
	HEMBS1001101	7.41	8.19	9.74	19.33	13.1	16.69	*	+
	HEMBS1001102	1.04	1.47	4.57	3.6	6.07	4.46		
45	HEMBS1001104	1.66	1.89	3.98	3.1	4.87	4.25		
	HEMBS1001105	1.57	1.59	2.13	3.11	4.82	2.71		
	HEMBS1001112	9.44	8.91	73.3	100.88	136.14	131.28	*	+
50	HEMBS1001113	2.11	1.94	9.1	5.65	8.02	6.81		
	HEMBS1001114	1.88	2.27	5.18	4.16	7.06	4.82		
	HEMBS1001115	5.78	7.88	14.52	16.77	9.5	14.78		
	HEMBS1001117	1.7	1.52	2.92	1.85	2.79	1.79		
55	HEMBS1001119	1.69	1.57	4	2.29	3.74	2.28		

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	HEMBS1001126	1.85	1.88	3.63	2.69	4.96	2.9		
	HEMBS1001133	3.15	2.42	4.24	6.56	6.15	6.44	**	+
5	HEMBS1001137	1.97	2.2	4.4	3.28	6.56	5.42		
	HEMBS1001142	2.96	2.68	10.51	9.2	11.69	10.38		
	HEMBS1001145	3.25	3.56	7.39	6.11	7.7	6.59		
	HEMBS1001151	5.67	6.58	9.21	12.85	7.67	7.84		
10	HEMBS1001153	2	1.89	4.57	3.79	5.37	2.9		
	HEMBS1001158	6.96	6.74	12.17	12.04	9.95	11.16		
	HEMBS1001169	1.71	2.45	4.42	2.89	4.21	2.86		
15	HEMBS1001170	1	1.85	3.27	1.26	2.5	1.61		
	HEMBS1001175	1.43	1.54	5.16	3.39	6.36	4.14		
	HEMBS1001177	3.63	2.4	7.54	5.8	6.94	6.69		
	HEMBS1001182	2.6	3.69	4.89	3.89	6.54	3.87		
20	HEMBS1001192	3.3	3.09	16.1	15.27	20.06	15.75		
	HEMBS1001199	1.16	2.27	1.91	1.43	3.96	1.15		
	HEMBS1001200	1.86	1.66	3.14	2.43	5.38	2.29		
	HEMBS1001208	2.02	2.04	4.56	2.96	6.19	2.74		
25	HEMBS1001209	2.98	2.28	5.75	5.22	6.56	4.92		
	HEMBS1001210	5.14	4.28	7.8	11.05	6.08	10.33		
	HEMBS1001215	9.57	10.46	17.69	17.91	15.75	16.96		
30	HEMBS1001217	1.78	2.13	4.39	2.04	3.69	1.89		
	HEMBS1001218	4.28	3.37	5.47	4.52	5.98	4.6		
	HEMBS1001221	1.72	1.65	2.75	1.54	4.29	1.34		
	HEMBS1001224	2.2	2.46	3.81	2.98	6.08	3.7		
35	HEMBS1001230	1.51	2.09	4.36	2.55	4.95	2.22		
	HEMBS1001234	5.24	6.05	29.26	31	44.04	30.75		
	HEMBS1001235	12.72	10.54	21.49	13.27	8.47	10.71		
40	HEMBS1001237	11	10.54	21.03	32.1	26.16	36.86	*	+
	HEMBS1001242	4.82	5.68	8.63	6.92	6.97	4.51		
	HEMBS1001244	1.08	1.1	3.9	1.47	4.36	1.36		
	HEMBS1001249	1.26	1.63	2.99	1.84	5.52	1.98		
45	HEMBS1001253	1.53	1.92	5.68	1.96	4.89	2.39		
	HEMBS1001254	1.27	1.19	3.73	1.22	5.09	2.45		
	HEMBS1001266	2	4.32	4.75	4.49	6.09	4.63		
	HEMBS1001267	3.51	2.92	9.98	8.43	7.63	8.01		
50	HEMBS1001271	2.25	2.93	3.89	2.59	5.85	3.91		
	HEMBS1001282	2.27	2.68	3.9	2.77	4.86	2.99		
	HEMBS1001287	54.06	45.71	83.21	72.79	57.33	77.51		
55	HEMBS1001288	2.45	2.58	3.64	4.57	6.08	3.31		

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	HEMBS1001289	4.64	5.82	12.2	6.93	9.11	6.88		
	HEMBS1001290	2.82	1.27	4.55	2.89	4.14	1.96		
5	HEMBS1001294	1.03	1.91	3.2	2.93	3.95	2.51		
	HEMBS1001299	7.06	7.64	12.49	16.26	14.41	17.87	*	+
	HEMBS1001302	2.16	2.34	2.41	1.75	3.39	1.64		
	HEMBS1001304	1.73	1.34	2.6	1.81	5.2	1.67		
10	HEMBS1001314	1.16	1.07	2.47	1.3	3.63	1.25		
	HEMBS1001315	1.25	1.62	1.46	0.87	4	0.9		
	HEMBS1001317	2.1	3.38	6.51	4.12	8.01	4.41		
15	HEMBS1001326	0.88	1.54	2.36	1.51	3	1.69		
	HEMBS1001331	2.11	2.79	2.81	3.78	6.14	4.55	*	+
	HEMBS1001335	1.39	0.9	1.44	1.4	2.81	1.92		
	HEMBS1001337	1.86	1.7	3.15	3.34	4.72	4.51	*	+
20	HEMBS1001339	4.17	3.87	5.91	5.83	7.91	5.25		
	HEMBS1001344	1.27	1.36	2.25	1.62	3.44	1.29		
	HEMBS1001346	2.17	2.32	7.45	5.89	6.23	5.7		
25	HEMBS1001348	0.68	1.37	4.05	1.38	3.68	2.82		
	HEMBS1001350	2.06	2.09	4.17	2.07	7.74	2.57		
	HEMBS1001356	1.4	1.9	2.33	1.74	5.54	2.29		
	HEMBS1001364	0.53	1.28	1.25	1.49	2.47	1.43		
30	HEMBS1001366	1.61	1.71	3.46	4.17	4.27	3.82	*	+
	HEMBS1001367	1.11	2.19	3.79	5.05	6.25	5.75	*	+
	HEMBS1001369	0.56	1.29	2.54	1.95	3.39	2.82		
	HEMBS1001380	3.13	3.56	6.65	5.43	7.36	7.75		
35	HEMBS1001381	8.45	6.07	9.53	10.2	14.39	11.86		
	HEMBS1001384	3.48	4.92	5.66	9.52	13.27	11.91	**	+
	HEMBS1001387	1.19	1.57	3.1	2.36	4.34	1.33		
40	HEMBS1001394	1.53	1.3	1.68	2.7	2.82	1.89	*	+
	HEMBS1001407	0.68	0.83	0.99	0.62	1.33	0.97		
	HEMBS1001410	1.35	1.04	1.78	2.44	2.63	1.74		
	HEMBS1001413	1.68	1.84	3.32	3.48	3.27	4.04		
45	HEMBS1001419	2.56	2.24	4.42	3.61	5.47	4.6		
	HEMBS1001421	2.29	1.66	2.18	1.31	3.16	0.95		
	HEMBS1001424	0.51	1.2	1.67	-0.1	1.58	0.41		
50	HEMBS1001426	2.04	1.51	3.7	2.66	5.67	4.21		
	HEMBS1001429	7.11	5.76	9.83	22.69	19.97	19.53	**	+
	HEMBS1001436	3.13	2.51	6.8	7.5	6.44	7.24		
	HEMBS1001443	5.61	6.48	20.67	20.46	27.07	22.15		
55	HEMBS1001449	2.02	2	4.92	4.26	6.35	4.27		

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	HEMBB1001454	1.2	1.96	3.77	3.74	5.13	2.99		
	HEMBB1001458	4.72	6.48	12.41	7.88	9.04	6.89		
	HEMBB1001461	0.55	1.38	2.01	2.11	2.65	1.07		
5	HEMBB1001463	2.28	2.1	3.7	3.95	5.03	4.66	*	+
	HEMBB1001464	1.73	1.29	3.62	2.66	3.92	2.27		
	HEMBB1001466	1.15	1.84	2.75	1.88	3.77	2.73		
10	HEMBB1001482	1.76	2.21	4.36	2.94	5.36	3.97		
	HEMBB1001500	1.01	1.08	1.77	1.96	4.39	1.97		
	HEMBB1001505	3	3.32	5.87	9.35	14.06	11.17	*	+
	HEMBB1001521	2.06	2.43	5.4	5.15	5.78	7.14		
15	HEMBB1001527	2.63	4.74	11.16	8.69	9.66	9.6		
	HEMBB1001530	4.15	3.51	6.57	9.43	12.39	7.05		
	HEMBB1001531	1.11	1.34	4.62	2.99	5.16	4.17		
20	HEMBB1001532	0.63	1.86	2.77	1.86	4.41	2.15		
	HEMBB1001535	1.99	2.01	4.22	3.34	4.32	5.75		
	HEMBB1001536	2.18	2.65	6.37	4.62	6.87	5.45		
	HEMBB1001537	1.31	2.24	3.7	3.21	6.12	2.75		
25	HEMBB1001542	4.39	4.72	6.28	5.26	7.83	5.7		
	HEMBB1001543	7.84	3.58	8.49	8.13	7.08	5.38		
	HEMBB1001547	2.02	2.25	2.65	4.2	4.27	2.79	*	+
	HEMBB1001548	2.53	2.62	11.82	17.73	29.92	23.34	*	+
30	HEMBB1001551	0.89	1.7	4.47	2.93	5.96	2.65		
	HEMBB1001555	2.13	2.79	4.78	3.73	5.8	4.64		
	HEMBB1001562	1.9	2.64	4.27	2.23	3.46	3		
35	HEMBB1001564	132.08	140.08	310.28	333.18	233.12	279.03		
	HEMBB1001565	1.72	1.97	3.9	3.77	4.68	2.07		
	HEMBB1001569	0.79	0.8	3.04	2.49	3.68	1.44		
	HEMBB1001573	1.9	1.04	3.58	4.18	5.53	4.12	*	+
40	HEMBB1001585	1.5	1.96	10.91	3.75	7.14	4.87		
	HEMBB1001586	1.53	2.27	3.22	4.27	5.45	1.95		
	HEMBB1001588	1.33	2.9	5.74	4.72	6.32	5.06		
45	HEMBB1001595	2.68	3.33	6.92	3.78	4.84	4.7		
	HEMBB1001596	3.4	2.57	3.74	2.67	5.36	2.54		
	HEMBB1001599	1.45	1.57	3.21	3.07	3.47	2.06		
	HEMBB1001603	1.99	2.45	4.17	5.7	8.16	4.04		
50	HEMBB1001606	1.35	2.28	2.42	2	2.39	1.53		
	HEMBB1001612	4.31	3.07	9.25	8.81	8.09	8.9		
	HEMBB1001618	1.53	1.62	3.86	2.84	4.48	2.31		
55	HEMBB1001619	2.11	3.03	3.92	5.71	5.1	4.37	*	+

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	HEMBB1001623	2. 21	2. 38	3. 16	2. 16	5. 5	3. 37		
	HEMBB1001625	3. 73	3. 04	4. 33	2. 93	4. 81	3. 79		
5	HEMBB1001630	1. 31	2. 36	3. 54	1. 84	4. 3	1. 23		
	HEMBB1001635	1. 78	1. 64	3. 76	2. 08	3. 32	1. 34		
	HEMBB1001637	1. 76	1. 14	3. 98	2. 09	4. 4	3. 58		
	HEMBB1001641	1. 43	1. 68	2. 78	3. 17	3. 73	2		
10	HEMBB1001653	2. 18	3. 17	5. 61	3. 96	6. 63	3. 5		
	HEMBB1001665	1. 08	2. 17	2. 04	2. 5	4. 43	0. 88		
	HEMBB1001666	2. 14	1. 95	3. 52	2. 45	4. 88	1. 79		
	HEMBB1001667	2. 37	2. 25	3. 26	2. 94	5. 13	3. 17		
15	HEMBB1001668	3. 19	2. 11	5. 15	2. 45	6. 42	2. 69		
	HEMBB1001669	0. 98	2. 02	3. 19	1. 04	4. 53	1. 38		
	HEMBB1001670	4. 02	4. 82	6. 88	10. 7	9. 71	8. 65	*	+
20	HEMBB1001673	1. 48	2. 97	3. 61	3. 51	4. 52	4. 43		
	HEMBB1001675	1. 83	3. 27	4. 65	4. 68	5. 78	4. 88		
	HEMBB1001679	2. 52	2. 34	5. 06	2. 19	3. 87	1. 88		
	HEMBB1001684	2. 13	1. 55	3. 89	5. 17	6. 77	5. 05	*	+
25	HEMBB1001685	3. 41	1. 61	4. 43	2. 91	6. 24	2. 49		
	HEMBB1001695	1. 9	2. 22	4. 43	1. 38	3. 88	2. 12		
	HEMBB1001703	1. 25	2. 3	5. 74	3. 58	3. 79	4. 1		
30	HEMBB1001704	1. 39	2. 16	4. 58	4. 23	5. 02	3. 94		
	HEMBB1001706	2. 76	2. 6	3. 58	5. 6	6. 26	4. 87	**	+
	HEMBB1001707	1. 35	2. 01	2. 87	2. 25	3. 67	2. 8		
	HEMBB1001717	1. 68	2. 21	3. 23	2. 61	3. 34	2. 83		
35	HEMBB1001731	13. 81	13. 48	24. 03	11. 02	23. 09	25		
	HEMBB1001734	3. 47	3. 35	7. 62	6. 88	9. 22	4. 18		
	HEMBB1001735	1. 35	1. 4	3. 4	1. 58	3. 52	2. 03		
	HEMBB1001736	5. 01	6. 14	7. 87	7. 15	10. 91	8. 11		
40	HEMBB1001747	0. 92	1	3. 23	1. 87	3. 67	2. 82		
	HEMBB1001749	4. 71	2. 99	9. 39	7. 29	5. 99	8. 16		
	HEMBB1001753	3. 79	3. 3	5. 5	7. 4	8. 97	9. 3	**	+
45	HEMBB1001756	0. 53	2. 05	1. 89	2. 31	3. 91	2. 73		
	HEMBB1001757	1. 08	1. 8	2. 64	3. 04	4. 86	4. 54	*	+
	HEMBB1001760	1. 32	0. 98	3. 74	1. 49	3. 56	2. 13		
	HEMBB1001762	0. 9	0. 61	2. 62	1. 57	2. 95	2. 07		
50	HEMBB1001780	9. 82	12. 28	11. 34	16. 64	26. 06	22. 06	*	+
	HEMBB1001785	0. 89	1. 24	1. 02	0. 62	2. 88	1. 64		
	HEMBB1001788	3. 22	1. 26	5. 17	5. 76	6. 13	5. 3		
55	HEMBB1001793	5. 6	4. 73	18. 12	22. 08	20. 38	22. 86	*	+

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	HEMBS1001797	1.61	1.82	2.28	2.94	4.97	5.54	*	+
	HEMBS1001802	13.28	9.91	67.77	85.35	82.8	81.27	*	+
5	HEMBS1001812	2.32	2.58	-6.49	7.68	8.28	9.74	*	+
	HEMBS1001815	128.22	114.78	102.97	87.37	89.21	62.14	*	-
	HEMBS1001816	1.95	2.19	3.97	3.73	6.31	5.73		
	HEMBS1001831	0.69	0.98	1.54	0.72	3.28	1.16		
10	HEMBS1001834	16.15	9.68	133.91	102.49	173.48	141.04		
	HEMBS1001836	4.07	1.99	11.4	5.89	6.97	6.7		
	HEMBS1001839	0.89	0.86	1.43	1.08	1.95	1.21		
15	HEMBS1001841	80.32	59.68	120.73	35.74	39.04	23.13	*	-
	HEMBS1001844	5.26	4.72	9.73	10.15	10.68	8.11		
	HEMBS1001847	6.93	4.24	8.6	9.06	14.77	10.3		
	HEMBS1001848	25.33	21.68	40.92	49.73	73.94	62.17	*	+
20	HEMBS1001850	3.07	2.93	5.25	3.75	7.19	3.95		
	HEMBS1001859	13.4	8.82	20.85	39.61	27.01	40.75	*	+
	HEMBS1001863	1.7	3.65	7.66	6.89	8.88	7.5		
	HEMBS1001867	1.69	1.93	3.16	3.16	4.14	3		
25	HEMBS1001868	2.15	1.53	2.56	1.31	3.57	1.28		
	HEMBS1001869	1.5	2.3	4.23	4.62	8.15	3.58		
	HEMBS1001872	1.21	0.79	2.23	1.77	4.17	1.75		
30	HEMBS1001874	1.92	1.2	2.07	2.58	2.47	3.03	*	+
	HEMBS1001875	0.83	1.96	1.7	2.05	3.53	1.37		
	HEMBS1001880	2.68	2.17	6.79	4.41	8.91	8.35		
	HEMBS1001899	0.6	1.62	2.15	2.26	4.68	1.91		
35	HEMBS1001903	5.56	5.68	9.61	6.06	6.65	6.7		
	HEMBS1001905	2.04	2.82	5.49	4.98	6.07	7.14		
	HEMBS1001906	0.67	1.65	2.64	2.22	5.14	2.62		
	HEMBS1001908	1.82	1.63	5.26	3.31	6.56	3.59		
40	HEMBS1001910	1.92	1.16	2.64	3.2	4.41	4.61	*	+
	HEMBS1001911	2.06	1.11	4.2	5.73	4.81	4.33		
	HEMBS1001915	2.53	3.01	5.61	7.13	7.84	9.4	*	+
45	HEMBS1001921	2.19	2.21	7.12	6.56	8.47	8.25		
	HEMBS1001922	1.74	1.77	3.66	4.91	5.85	3.7		
	HEMBS1001925	1.48	2.24	4.57	3.07	4.73	3.39		
	HEMBS1001930	0.46	0.94	1.67	0.91	3.18	1.01		
50	HEMBS1001944	1.72	1.88	5.45	4.83	4.6	4.49		
	HEMBS1001945	2.15	1.05	3.58	2.25	3.97	2.12		
	HEMBS1001947	2.28	1.13	3.23	5.35	5.98	3.15		
55	HEMBS1001950	3.49	1.95	5.38	5.15	5.46	3.3		

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	HEMBS1001952	1.41	2.05	4.72	2.31	4.73	3.1		
	HEMBS1001953	1.62	2.09	3.45	3.63	5.78	3.75		
5	HEMBS1001957	1.16	2.02	4.28	2.68	4.19	2.19		
	HEMBS1001959	2.05	3.31	4.07	4.22	5.75	3.68		
	HEMBS1001962	5.54	2.61	5.11	3.34	6.28	2.54		
	HEMBS1001967	2.59	2.46	5.62	6.11	8.49	6.15		
10	HEMBS1001973	2.25	2.4	6.14	7.62	10	7.28	*	+
	HEMBS1001978	2.08	1.71	6.29	7.2	7.57	5.83		
	HEMBS1001983	9.23	8.69	24.64	38.93	34.91	36.79	*	+
15	HEMBS1001987	1.78	2.34	3.64	1.66	4.75	2.38		
	HEMBS1001988	2.02	1.92	3.42	2.92	5.17	1.85		
	HEMBS1001990	7.65	7.72	9.18	12.44	11.53	15.42	*	+
	HEMBS1001996	1.54	1.47	3.89	1.61	3.51	1.22		
20	HEMBS1001997	1.46	2.25	6.1	4.2	5.98	4.23		
	HEMBS1001999	10.91	11.08	16.84	24.47	26.58	22.28	**	+
	HEMBS1002002	1.08	1.58	3.52	1.91	2.76	2.39		
25	HEMBS1002005	1.88	2.91	4.8	4.82	7.6	4.22		
	HEMBS1002009	2.32	2.48	3.03	2.24	6.23	2.7		
	HEMBS1002013	0.96	2.07	3.78	1.95	4.26	1.41		
	HEMBS1002015	3.95	4.25	9.47	5.82	8.92	6.73		
30	HEMBS1002024	45.16	34.47	111.32	113.31	106.76	120.55		
	HEMBS1002035	2.15	1.91	2.87	2.11	4.5	2.68		
	HEMBS1002039	1.18	2.29	5.1	3.28	5.9	2.98		
	HEMBS1002041	3.31	4.13	8.49	15.49	14.42	13.38	**	+
35	HEMBS1002042	3.97	4.66	9.49	8.09	10.63	9.94		
	HEMBS1002043	1.34	2.21	4.61	5.97	5.24	3.36		
	HEMBS1002044	0.4	1.19	2.68	1.25	4.19	1.92		
40	HEMBS1002045	2.83	2.5	10.03	6.34	7.63	4.56		
	HEMBS1002049	1.31	1.4	3.77	1.71	4.36	1.73		
	HEMBS1002050	1.62	1.61	4.5	3.31	4.53	2.94		
	HEMBS1002051	1.17	1.13	2.9	2.59	5.05	4.37		
45	HEMBS1002068	1.69	2.44	2.43	2.3	4.42	2.07		
	HEMBS1002069	3.39	3.94	7.83	6.86	7.55	5		
	HEMBS1002075	0.72	1.94	3.33	2.99	3.52	2.37		
	HEMBS1002079	1.2	1.8	1.89	1.22	2.84	1.3		
50	HEMBS1002080	1.74	1.85	4.78	1.55	6.02	2.41		
	HEMBS1002082	1.03	1.85	4.59	2.38	4.38	1.96		
	HEMBS1002084	25.86	22.68	51.44	33.52	35.54	38.37		
55	HEMBS1002088	13.92	15.78	22.14	29.46	37.25	35.66	**	+

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	HEMBS1002092	2.51	2.24	4.48	5.34	3.65	6.27		
	HEMBS1002094	3.21	2.62	8.2	5.72	7.27	6.04		
5	HEMBS1002103	2.42	2.97	-3.51	3.74	5.58	4.47		
	HEMBS1002109	4.27	3.47	4.84	5.72	7.83	6.36	*	+
	HEMBS1002115	42.37	37.4	91.88	95.86	101.94	101.65		
	HEMBS1002120	0.89	1.22	2.91	0.86	2.94	2.41		
10	HEMBS1002121	0.75	1.56	1.63	1.5	4.66	2.53		
	HEMBS1002134	11.99	11.22	112.59	98.93	166.1	133.77		
	HEMBS1002136	1.29	1.65	2.9	2.59	3.26	2.58		
15	HEMBS1002138	10.48	9.64	20.72	18.78	23.06	19.4		
	HEMBS1002139	1.84	1.6	5.46	4.69	6	5.84		
	HEMBS1002141	1.53	0.83	3.44	1.48	4.64	2.54		
	HEMBS1002142	1.85	2	4.95	3.22	5.98	6.03		
20	HEMBS1002145	1.62	0.83	2.96	1.49	3.07	2.42		
	HEMBS1002152	1.27	1.19	3.15	2.32	6.36	3.41		
	HEMBS1002162	1.25	1.55	3.92	3.42	5.14	3.61		
25	HEMBS1002173	4.18	1.09	5.58	2.77	4.48	3.84		
	HEMBS1002189	2.78	1.95	6.14	7.01	8.25	5.93		
	HEMBS1002190	1.81	2.2	6.36	8.01	6.93	8.36	*	+
	HEMBS1002193	1.84	1.06	2.06	4.53	4.37	5.48	**	+
30	HEMBS1002217	3.82	2.26	6.02	3.61	6.06	3.23		
	HEMBS1002218	3.91	3.3	7.58	4.94	6.15	5.68		
	HEMBS1002228	2.28	2.9	6.17	6.68	7.94	6.97		
	HEMBS1002232	1.15	1.4	2.24	2.14	5.79	3.03		
35	HEMBS1002245	0.86	0.84	2.34	1.53	2.47	1.05		
	HEMBS1002247	1.72	0.59	2.44	1.38	2.24	1.03		
	HEMBS1002249	2.65	1.64	3.1	3.39	4.08	4.01	*	+
40	HEMBS1002254	1.35	1.35	3.83	2.64	3.27	2.86		
	HEMBS1002255	0.99	1.37	2.6	1.19	2.93	1.4		
	HEMBS1002266	1.33	0.83	2.07	0.73	1.99	0.54		
	HEMBS1002271	14.89	9.5	29.42	32.9	41.53	37.28	*	+
45	HEMBS1002280	1.62	0.78	1.6	1.55	2.93	1.12		
	HEMBS1002296	11.83	12.31	18.29	31.87	21.06	23.09	*	+
	HEMBS1002300	0.78	2.31	3.48	1.49	4.63	3.12		
	HEMBS1002302	1.17	2.17	3.26	2.49	4.76	3.04		
50	HEMBS1002306	1.83	1.96	4.28	2.91	4.34	2.6		
	HEMBS1002316	0.66	1.38	2.36	1.19	2.9	0.97		
	HEMBS1002326	0.93	1.68	4.52	4.35	4.41	3.9		
55	HEMBS1002327	0.99	0.99	2.66	1.46	2.95	2.06		

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	HEMBB1002329	2.89	3	3.81	6.39	5.88	5.53	**	+
	HEMBB1002340	0.6	1.8	2.05	2.29	3.38	2.22		
5	HEMBB1002342	8.12	9.23	14.09	21.68	18.15	18.03	*	+
	HEMBB1002358	1.09	3.22	6.37	6.52	7.91	9.2		
	HEMBB1002359	1.09	2.55	4.29	4.66	5.4	3.54		
	HEMBB1002364	1.28	1.82	2.33	3.17	5.15	3.11		
10	HEMBB1002366	13.63	21.17	32.35	56.28	57.48	53.09	**	+
	HEMBB1002371	0.83	0.63	1.72	2.32	2.82	2.1	*	+
	HEMBB1002381	0.97	1.16	1.74	2.83	3.16	6.26		
	HEMBB1002383	1.07	3.17	4.18	3.1	4.5	4.37		
15	HEMBB1002387	0.98	2.36	2.68	2.09	3.68	2.96		
	HEMBB1002409	6.85	7.27	46.98	69.94	70.04	64.2	*	+
	HEMBB1002413	3.92	2.99	8.34	9.46	8.16	10.16		
20	HEMBB1002415	0.84	1.28	2.79	2.36	3.49	2.11		
	HEMBB1002424	1.04	1.17	1.63	2.89	3.04	2.66	**	+
	HEMBB1002425	1.12	1.69	5.86	6.46	10.1	5.26		
	HEMBB1002427	1.5	1.59	2.32	3.72	7.82	3.65		
25	HEMBB1002442	2.29	1.57	4.33	4.99	8.58	8.89	*	+
	HEMBB1002447	2.61	2.7	5.56	6.1	6.6	5.63		
	HEMBB1002453	2.5	2.48	6.56	6.31	7.55	5.25		
30	HEMBB1002457	1.54	2.08	4.77	3.69	4.61	4.8		
	HEMBB1002458	0.48	1.53	2.5	2.2	2.35	1.66		
	HEMBB1002463	1.36	1.84	6.55	6.24	6.11	8.87		
	HEMBB1002465	1.12	1.18	2.4	2.86	2.25	1.59		
35	HEMBB1002477	0.71	0.66	4.43	3	4.39	4.86		
	HEMBB1002479	22.08	21.58	27.54	16.12	19.41	17.27	*	-
	HEMBB1002489	0.86	3.02	3.9	5.73	5.51	7.68	*	+
	HEMBB1002492	1.27	1.23	3.07	3.53	4.08	3.39	*	+
40	HEMBB1002495	1.85	1.85	3.2	2.61	5.02	3.98		
	HEMBB1002502	0.94	2.52	2.81	1.77	4.83	3.27		
	HEMBB1002509	0.73	1.8	2.65	2.03	2.43	1.27		
45	HEMBB1002510	0.49	1.68	3.06	1.78	2.5	0.81		
	HEMBB1002520	1.46	2.47	5.44	6.62	7.57	8.61	*	+
	HEMBB1002522	0.82	1.88	4.42	2.31	6.8	2.07		
	HEMBB1002527	11.47	13.79	12.46	24.19	10.37	17.52		
50	HEMBB1002530	1.43	2.15	3.44	2.93	4.92	2.26		
	HEMBB1002531	0.46	1.32	2.04	1.23	2.99	0.35		
	HEMBB1002534	1.35	2.27	2.73	4.54	4.08	3.92	**	+
55	HEMBB1002536	6.58	5.93	46.38	45.93	63.71	42.88		

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	HEMBB1002544	3.91	3.45	6.89	6.79	7.87	7.99		
	HEMBB1002545	0.92	2.76	2.83	3.21	4.15	4.29		
5	HEMBB1002550	1.32	1.69	1.86	2.99	4.68	2.42		
	HEMBB1002556	2.9	3.54	9.69	8.73	8.12	10.62		
	HEMBB1002571	17.25	14.03	19.8	21.91	16.59	24.61		
	HEMBB1002579	3.32	2.05	4.87	4.38	6.6	6.39		
10	HEMBB1002582	1.79	2.11	5.59	5.77	6.47	5.63		
	HEMBB1002584	2.82	1.94	6.09	3.94	4.67	3.62		
	HEMBB1002587	6.39	5.82	10.63	11.3	9.04	9.94		
	HEMBB1002590	1.6	3.07	7.46	5.86	7.3	5.84		
15	HEMBB1002596	1.5	2.01	3.17	5.59	4.94	4.21	*	+
	HEMBB1002600	1.55	2.72	3.81	5.02	7.18	3.93		
	HEMBB1002601	1.28	2.23	3.9	2.51	5.59	2.99		
20	HEMBB1002603	2.37	1.64	5.48	3.53	6.59	5.6		
	HEMBB1002607	1.48	1.15	4.34	2.59	4.26	2.99		
	HEMBB1002610	1.2	0.96	3.48	1.95	3.79	3.45		
	HEMBB1002613	0.96	2.41	4.31	3.98	5.39	3.72		
25	HEMBB1002614	3.18	3.34	5.35	3.87	6.08	9.76		
	HEMBB1002615	1.47	3.29	4.63	2.45	3.83	2.67		
	HEMBB1002617	0.67	3.09	2.88	2.1	3.34	3.4		
	HEMBB1002623	2.31	3.63	4.36	3.96	6.28	5.91		
30	HEMBB1002624	2.7	1.56	7.52	7.96	8.72	8.3		
	HEMBB1002631	1.65	2	4.28	2.14	3.72	1.74		
	HEMBB1002635	1.84	1.74	3.55	3.31	3.64	3.56		
35	HEMBB1002644	7.22	9.04	15.98	18.52	23.94	22.55	*	+
	HEMBB1002654	5.22	4.21	7.77	7.92	7.33	11.74		
	HEMBB1002661	1.93	2.16	3.96	1.99	4.13	5.33		
	HEMBB1002663	1.59	1.8	3.85	5.45	5.58	5.17	*	+
40	HEMBB1002664	1.28	2.4	4.43	5.05	9.22	6.76	*	+
	HEMBB1002677	1.88	1.83	1.86	1.81	4.79	2.34		
	HEMBB1002683	2.68	2.21	9.21	5.67	5.9	8.45		
	HEMBB1002684	1.71	0.81	2.53	1.92	2.74	2.63		
45	HEMBB1002686	1.23	1.39	2.88	1.45	3.37	1.64		
	HEMBB1002692	0.99	1.4	1.87	2.5	2.53	2.98	*	+
	HEMBB1002693	1.75	1.75	4.12	5.03	5.74	3.46		
50	HEMBB1002697	1.09	2.8	2.73	4.17	5.58	5.34	*	+
	HEMBB1002699	1.59	2.27	4.93	4.72	6.74	6.97		
	HEMBB1002702	1.63	1.5	2.54	1.76	3.25	3.33		
55	HEMBB1002705	4.2	2.84	6.79	8.83	8.26	7.92	*	+

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	HEMBB1002712	8.55	1.32	2.38	2.92	4.06	1.4		
	IMR321000028	1.03	1.71	2.88	1.63	2.76	1.63		
5	IMR321000031	1.71	2.59	3.51	5.86	4.35	5.31	*	+
	IMR321000034	21.95	15.41	30.37	33.73	19.59	34.65		
	IMR321000039	5.81	7.11	14.41	14.72	15.71	13.99		
	IMR321000044	0.81	2.37	1.44	1.01	3.26	2.06		
10	IMR321000063	79.52	80.12	127.61	224.23	199.69	128.8		
	IMR321000085	21.02	18.07	26.38	30.28	48.13	47.89	*	+
	IMR321000089	1.51	1.42	3.86	3	6.7	5.84		
15	IMR321000091	4.79	2.91	6.5	8.35	11.38	8.55	*	+
	LIVER1000004	8.04	9.67	34.15	55.9	56.53	48.86	*	+
	LIVER1000008	1.13	1.36	3.06	1.68	4	2.17		
	LIVER1000011	3.03	5.9	26.65	37.8	54.37	45.77	*	+
20	LIVER1000022	2.75	3.66	7.75	9.39	9.82	9.17	*	+
	LIVER1000025	1.78	2.77	5.47	9.83	10.83	7.7	*	+
	LIVER1000030	1.05	0.96	2.12	2.04	2.56	1.23		
25	LIVER1000045	1.33	1.37	3.11	5.11	5.12	5.89	**	+
	LIVER1000046	1.01	1.53	3.86	4.14	7.82	5.34		
	LIVER1000072	1.61	1.26	5.23	12.42	9.54	12.21	**	+
	LIVER1000077	0.33	1.79	1.97	1.87	2.84	3.14		
30	LIVER1000080	1.53	3	5.81	5.96	4.24	5.41		
	LIVER1000086	6.38	7.69	47.4	69.84	79.87	70.57	*	+
	LIVER1000092	1.6	1.46	3.09	3.85	3.83	2.41		
	LIVER1000095	0.91	2.31	2.56	2.16	2.46	1.55		
35	LIVER1000097	1.26	0.74	2.49	2.18	2.84	2.25		
	LIVER1000098	0.43	1.37	2.57	2.76	3.95	2.29		
	LIVER1000100	3.3	2.82	5.82	4.99	7.44	3.74		
40	LIVER1000101	0.36	1.81	2.4	1.69	4.25	2.74		
	LIVER1000106	0.83	1.95	1.79	0.97	2.8	1.29		
	LIVER1000108	1.36	2.93	4.31	4.35	4.12	3.43		
	LIVER1000115	1.12	1.57	4.32	6.38	6.13	6.9	*	+
45	LIVER1000120	1.45	0.95	2.23	1.39	1.46	0.73		
	LIVER1000138	0.6	1.27	1.86	2.11	2.36	1.6		
	LIVER1000146	1.38	2.69	6.24	7.17	7.01	7.02		
	LIVER1000148	0.88	1.24	2.65	1.68	5.68	3.51		
50	LIVER1000157	30.11	26.71	67.66	123.41	85.61	124.96	*	+
	LIVER1000161	1.3	1.59	2.3	1.73	3.37	1.84		
	LIVER1000167	3.07	3.63	14.08	20.36	22.31	21.82	*	+
55	LIVER1000174	1.53	1.68	1.84	2.1	3.43	1.29		

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	LIVER1000185	2.42	2.55	5.16	4.37	4.72	4.23		
	LIVER1000187	0.96	1.55	4.84	6.64	4.17	3.5		
5	LIVER1000190	3.77	3.48	5.95	4.71	6.24	4.47		
	LIVER1000192	2.37	2.92	3.93	4.1	5.23	4.04		
	MAMMA1000009	1.39	2.55	5.12	3.62	4.72	3.46		
	MAMMA1000015	1.72	1.59	4.78	5.23	4.42	6.42		
10	MAMMA1000019	0.69	2.48	3.4	4.27	4.81	3.1		
	MAMMA1000020	2.79	2.35	5.63	6	7.86	5.75		
	MAMMA1000024	0.65	1.76	3.79	2.42	2.91	1.61		
	MAMMA1000025	1.92	2.56	6.92	4.96	6.72	5.6		
15	MAMMA1000043	1.06	2.36	6.43	6.93	8.22	6.6		
	MAMMA1000045	1.38	2.01	4.84	2.68	3.96	2.89		
	MAMMA1000046	1.74	2.44	3.18	2.88	4.5	2.37		
20	MAMMA1000055	8.51	8.71	9.57	9.38	10.74	9.36		
	MAMMA1000057	4.4	3.29	7.56	8.38	9.78	8.16		
	MAMMA1000060	26.78	24.33	45.25	48.69	33.84	48.6		
	MAMMA1000069	2.13	1.65	4.1	3.43	3.14	2.41		
25	MAMMA1000084	2.88	3	5.81	5.64	8.15	7.51		
	MAMMA1000085	2.75	3.74	7.02	6.45	5.82	6.97		
	MAMMA1000092	1.45	2.97	3.8	4.64	5.15	4.55	*	+
	MAMMA1000096	4.45	4.96	9.29	8.15	9.11	6.09		
30	MAMMA1000097	2.4	2.96	3.86	5.93	6.01	6.97	**	+
	MAMMA1000102	1.94	1.59	4.27	4.25	6.16	4.44		
	MAMMA1000103	1.52	1.65	5	2.39	4.56	2.83		
35	MAMMA1000106	1.25	2.15	5.1	2.3	4.48	3.27		
	MAMMA1000117	1.19	2.12	3.72	1.84	3.32	2.77		
	MAMMA1000118	1.03	2.06	3.08	3.38	3.21	4.56		
	MAMMA1000129	1.06	2.1	2.97	1.73	2.7	1.31		
40	MAMMA1000133	1.09	1.96	3.67	2.8	3.87	2.02		
	MAMMA1000134	1.23	2.08	4.28	2.27	4.61	1.93		
	MAMMA1000139	1.45	1.91	2.69	2.13	3.98	1.85		
45	MAMMA1000141	1.97	2.27	5.47	3.67	3.61	3.42		
	MAMMA1000143	1.66	1.1	2.55	3.83	3.52	1.74		
	MAMMA1000150	4.11	4.95	8.99	6.49	6.4	8.66		
	MAMMA1000155	1.87	2.71	4.35	5.46	5.69	6.41	*	+
50	MAMMA1000163	1.65	2.82	2.62	3.45	4.54	4.97	*	+
	MAMMA1000171	1.96	2.43	5.53	4.12	6.52	4.97		
	MAMMA1000173	3.5	5.27	10.33	17.47	17.44	18.26	**	+
55	MAMMA1000175	1.58	1.8	2.89	4.06	5.14	3.7	*	+

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	MAMMA1000183	1.14	2.12	5.29	3.92	4.7	4.91		
	MAMMA1000191	3.25	3.34	14.68	12.56	14.7	18.23		
5	MAMMA1000192	5.76	8.53	-9.67	16.66	19.91	17.65	**	+
	MAMMA1000193	1.68	1.54	0.86	1.33	2.25	1.94		
	MAMMA1000198	1.88	1.99	5.53	4.44	6.49	5.57		
	MAMMA1000204	1.75	2.25	3.39	3.56	4.13	2.85		
10	MAMMA1000207	1	3.2	3.41	2.86	4.96	3.47		
	MAMMA1000214	1.76	2.08	3.68	2.84	4.42	4.74		
	MAMMA1000220	6.19	6.12	11.61	12.49	18.06	16.72	*	+
15	MAMMA1000221	0.57	1.04	1.68	1.14	4.51	0.87		
	MAMMA1000226	0.48	1.06	2.07	1.49	3.19	1.88		
	MAMMA1000227	0.93	1.23	1.6	2.73	3.67	3.46	**	+
	MAMMA1000230	1	1.23	1.77	2.38	3.04	2.94	**	+
20	MAMMA1000241	2.9	2.2	4.19	7.24	5.8	7.61	**	+
	MAMMA1000245	76.63	70.15	118.95	141.45	166.09	104.88		
	MAMMA1000248	6.79	4.17	13.48	13.18	13.44	18.8		
25	MAMMA1000251	1.68	1.72	4.7	5.55	5.39	5.29		
	MAMMA1000254	1.24	1.22	3.59	2.14	5.61	5.02		
	MAMMA1000257	5.39	2.62	25.06	32.2	43.78	35.79	*	+
	MAMMA1000262	15.48	9.75	18.2	40.81	33.23	34.89	**	+
30	MAMMA1000264	0.99	1.2	2.3	4.43	2.57	3.4	*	+
	MAMMA1000266	1.25	0.79	2.73	4.21	5.33	4.03	*	+
	MAMMA1000270	2.43	1.94	4.57	6.16	7.16	7.58	*	+
35	MAMMA1000271	6.01	3.26	8.54	8.94	6.17	8.1		
	MAMMA1000277	0.89	0.93	2.56	2.46	2.75	2.09		
	MAMMA1000278	1.84	2.01	4.29	2.18	5.06	3.51		
	MAMMA1000279	1.82	1.74	4.33	3.51	5.72	4.35		
40	MAMMA1000283	0.99	1.51	2.36	1.37	2.66	2.71		
	MAMMA1000284	2.65	2.51	8.31	6.28	8.49	8.01		
	MAMMA1000287	1.58	2.13	6.27	5.55	6.94	7.1		
45	MAMMA1000294	4.72	5.45	9.44	3.84	8.21	4.74		
	MAMMA1000298	0.87	1.36	2.51	1.55	3.1	0.95		
	MAMMA1000302	0.9	1.18	4.73	2.22	4.9	2.56		
	MAMMA1000303	0.92	1.62	2.63	4.16	4.06	3.22	*	+
50	MAMMA1000305	1.07	1.28	2.73	2.47	2.74	2.1		
	MAMMA1000307	2.29	3.03	9.61	15.85	14.04	14.38	*	+
	MAMMA1000309	0.57	1.61	3.69	4.6	3.65	4.61		
55	MAMMA1000312	3.55	4.99	8.08	6.19	5.18	6.55		
	MAMMA1000313	1.06	2.31	2.34	1.79	3.98	3.43		

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	MAMMA1000331	1.08	1.65	3	3.33	6.01	3.21		
	MAMMA1000335	7.38	9.1	14.27	19.49	16.28	16.92	*	+
5	MAMMA1000339	0.33	0.39	--2.17	1.46	2.09	0.66		
	MAMMA1000340	1.43	1.33	4.12	4.37	2.72	2.15		
	MAMMA1000348	1.2	1.27	4.6	3.14	4.82	6.11		
	MAMMA1000356	1.93	2.21	4.93	3.08	5.42	6.29		
10	MAMMA1000358	2.93	3.97	5.02	7.42	7.47	4.9		
	MAMMA1000360	1.41	1.92	4.6	3.76	5.2	4.63		
	MAMMA1000361	2.2	3.45	8.9	8.94	10.67	8.93		
15	MAMMA1000363	1.09	1.69	3.86	1.87	4.37	4.1		
	MAMMA1000370	0.92	0.71	1.76	2.02	2.62	2.57	*	+
	MAMMA1000371	2.09	1.73	6.35	10.02	12.1	10.1	*	+
	MAMMA1000372	4.45	4.1	12.88	12.01	12.92	11.97		
20	MAMMA1000385	1.79	2.36	6.41	6.41	7.66	8.72		
	MAMMA1000388	1.93	3.02	6.03	4.7	4.53	5.06		
	MAMMA1000395	1.3	2.46	3.12	1.69	3.49	0.8		
25	MAMMA1000402	1.69	1.68	5.62	3.33	4.35	4.63		
	MAMMA1000403	1.7	2.36	5.05	5.45	5.81	3.96		
	MAMMA1000410	0.87	1.25	2.71	3.23	3.35	3.25	*	+
	MAMMA1000413	1.52	0.47	2.48	3.51	3.76	3.61	*	+
30	MAMMA1000414	1.08	1.53	3.03	2.94	4.91	1.81		
	MAMMA1000416	3.3	4.01	10.2	15.8	23.14	20.47	*	+
	MAMMA1000421	2.61	2.83	6.11	7.7	7.42	7.09	*	+
35	MAMMA1000422	2.83	2.53	7.46	9.18	6.64	12.05		
	MAMMA1000423	1.7	1.26	6	5.9	6.62	5.89		
	MAMMA1000424	0.88	1.7	3.17	1.91	2.38	1.07		
40	MAMMA1000429	8.73	10.07	13.78	14.98	16.3	11.17		
	MAMMA1000431	1.6	1.27	4.27	5.22	6.32	4.26		
	MAMMA1000432	1.05	2.33	2.85	2.63	2.82	1.41		
	MAMMA1000437	4.61	4.75	8.44	10.54	11.52	8.12		
45	MAMMA1000444	2.53	4.15	8.55	7.55	10.17	10.13		
	MAMMA1000446	1.19	2.07	3.87	2.03	3.63	2.49		
	MAMMA1000449	1.77	1.59	3.54	3.37	4.31	3.22		
	MAMMA1000457	4.44	4.82	7.12	7.2	6.88	6.22		
50	MAMMA1000458	1.27	2.22	4.83	2.52	4.03	1.94		
	MAMMA1000468	0.55	1.12	2.2	0.51	2.25	1.16		
	MAMMA1000472	1.15	2.3	4.42	4.77	6.36	5.79	*	+
55	MAMMA1000473	1.95	1.72	3.59	3.45	5.46	3.17		
	MAMMA1000477	3.86	3.29	5.67	8.71	9.92	7.97	**	+

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	MAMMA1000478	2.85	3.26	7.41	5.76	9.1	7.57		
	MAMMA1000483	4.16	3.16	8.3	8.09	6.5	8.63		
5	MAMMA1000490	1.65	2.61	3.68	2.66	4.96	2.14		
	MAMMA1000496	1.18	1.7	3.44	1.3	3.79	2.01		
	MAMMA1000500	0.68	1.79	3.22	1.41	3.2	2.86		
	MAMMA1000501	3.04	3.89	7.86	13.71	15.02	12.51	**	+
10	MAMMA1000503	0.84	2.08	2.21	3.52	3.52	2.27		
	MAMMA1000506	10.14	8.79	32.66	34.77	26.7	18.31		
	MAMMA1000510	3.24	3.5	4.59	10.97	10.76	13.61	**	+
15	MAMMA1000515	2.12	1.54	4.56	5.97	7.55	6.2	*	+
	MAMMA1000516	2.18	2.4	6.29	3.89	3.85	5.07		
	MAMMA1000522	1.04	1.47	4.39	2.4	3.68	1.85		
	MAMMA1000524	2.04	2.09	3.53	3.82	6.18	3.96		
20	MAMMA1000528	3.74	2.72	2.05	2.7	4.09	2.88		
	MAMMA1000534	0.91	2.35	2.11	1.86	2.91	2.04		
	MAMMA1000541	2.85	3.16	11.29	11.22	8.81	12.04		
25	MAMMA1000550	1.21	2.73	1.86	2.46	6.65	4.64		
	MAMMA1000556	1.78	1.32	4.25	2.66	3.37	1.4		
	MAMMA1000559	1.32	1.49	5.56	2.92	4.2	3.46		
	MAMMA1000565	1.82	2.74	3.93	2.13	4.18	4.22		
30	MAMMA1000567	0.99	2.16	3.77	2.3	4.07	3.64		
	MAMMA1000576	3.72	3.12	13.12	10.45	9.76	10.02		
	MAMMA1000582	2.07	2.7	5.64	4.13	4.81	6.31		
35	MAMMA1000583	1.16	2.33	2.45	2.19	4.47	2.93		
	MAMMA1000585	1.66	2.04	4.19	3.82	5.38	3.23		
	MAMMA1000587	1.64	1.51	3.73	3.12	5.07	3.49		
	MAMMA1000591	0.96	1.34	3.11	1.45	3.74	1.72		
40	MAMMA1000594	2.3	1.76	4.92	3.55	7.68	5.16		
	MAMMA1000597	4.42	3.09	9.64	9.46	9.63	10.35		
	MAMMA1000605	2.84	3.94	11.44	18.34	15.85	17.89	*	+
45	MAMMA1000612	1.91	2.15	5.22	3.85	4.33	4.95		
	MAMMA1000614	3.11	2.71	9.4	7.48	6.07	6.34		
	MAMMA1000616	1.66	1.79	2.44	2.1	5.09	3.45		
	MAMMA1000621	1.39	1.67	3.36	3.15	6.31	7.02		
50	MAMMA1000623	1.08	1.04	3.83	0.92	2.66	2.3		
	MAMMA1000625	7.39	6.32	23.76	19.68	25.39	29.8		
	MAMMA1000635	0.89	0.68	1.61	0.76	1.75	0.64		
55	MAMMA1000643	1.47	1.11	1.94	4.21	3.77	6.82	*	+
	MAMMA1000646	4.68	3.61	9.55	17.22	16.4	16.44	**	+

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	MAMMA1000652	1.98	1.61	3.56	4.21	5.34	5.24	*	+
	MAMMA1000657	2.28	1.78	4.51	2.18	4.48	3.26		
5	MAMMA1000664	1.78	1.49	5.35	2.9	6.43	6.85		
	MAMMA1000667	1.24	1.68	2.17	1.96	5.64	2.41		
	MAMMA1000668	0.71	1.11	3.23	2.44	3.76	1.74		
	MAMMA1000669	0.76	0.97	2.01	0.9	3.94	2.06		
10	MAMMA1000670	3.27	2.78	4.47	10.4	6.73	9.28	*	+
	MAMMA1000672	1.71	3.23	6.88	5.43	5.63	6.03		
	MAMMA1000681	0.98	1.19	2.53	1.98	3.73	2.45		
15	MAMMA1000684	6.87	11.61	18.54	30.76	32.53	30.62	**	+
	MAMMA1000696	1.64	3.39	4.99	7.89	14.39	8.69	*	+
	MAMMA1000702	3.12	3.07	5.9	7.47	10.05	7.55	*	+
	MAMMA1000706	0.63	1.07	1.79	1.08	1.52	0.66		
20	MAMMA1000707	0.74	1.26	1.76	0.83	1.87	0.63		
	MAMMA1000713	1.53	2.14	5.33	5.43	5.8	6.96		
	MAMMA1000714	1.19	1.84	4.31	2.64	4.96	4.94		
25	MAMMA1000718	1.32	2.79	4.84	5.53	7.12	4.37		
	MAMMA1000720	1.33	2.19	5.14	4.95	8.51	5.44		
	MAMMA1000723	1.22	1.65	4.17	3.26	4.81	3.68		
	MAMMA1000731	1.24	1.17	3.11	3.04	4.99	3.26		
30	MAMMA1000732	1.37	1.59	3.02	4.86	6.5	6.05	**	+
	MAMMA1000733	0.58	0.82	1.54	2.31	2.41	1.22		
	MAMMA1000734	12.22	11.56	22.62	21.95	22.19	13.18		
35	MAMMA1000736	4.26	4.34	11.96	4.92	5.77	6.14		
	MAMMA1000738	0.8	2.06	3.82	2.52	4.15	1.95		
	MAMMA1000744	1.12	2	5.52	3.27	3.97	4.67		
	MAMMA1000746	1	2.03	2.24	2.38	4.27	2.48		
40	MAMMA1000748	8.23	8.93	13.13	15.53	16.06	15.05	*	+
	MAMMA1000751	10.46	7.63	32.43	45.16	40.03	54.65	*	+
	MAMMA1000752	1.5	2.37	8.68	11.52	14.2	12.68	*	+
45	MAMMA1000757	1.89	2.48	5.54	7.9	8.53	10.86	*	+
	MAMMA1000760	3	2.99	6.77	4.65	8.01	7.12		
	MAMMA1000761	1.86	2.58	5.73	4.87	6.29	4.99		
	MAMMA1000775	1.37	1.83	4.43	3.23	4.29	2.64		
50	MAMMA1000776	2.37	2.36	6.3	6.57	7	6.12		
	MAMMA1000778	2.14	2.28	5.19	4.95	3.99	3.84		
	MAMMA1000781	1.33	1.33	3.06	2.82	2.86	1.23		
55	MAMMA1000782	1.94	2.36	3.88	2.93	3.11	3.01		
	MAMMA1000784	1.28	1.58	3.94	2.22	7.2	3.64		

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	MAMMA1000788	3.05	4.31	4.38	4.16	5.12	2.21		
	MAMMA1000798	1.01	2.86	2.77	2.03	3.56	2.1		
5	MAMMA1000802	4.36	3.71	8.23	17.49	15.39	19.2	**	+
	MAMMA1000810	3.91	4.98	14.15	17.58	19.04	16.15	*	+
	MAMMA1000813	1.63	2.11	3.73	2.82	3.15	2.06		
	MAMMA1000814	2.56	2.97	7.82	7.28	7.26	6.61		
10	MAMMA1000824	12.58	11.27	34.16	62.44	72.28	50.62	*	+
	MAMMA1000827	1.83	2.04	5.05	3.3	4.77	4.31		
	MAMMA1000831	1.45	2.81	2.84	2.55	5.43	1.85		
15	MAMMA1000838	6.85	9.27	7.86	13.01	8.43	14.52		
	MAMMA1000839	4.89	4.41	9	9.02	8.66	14.04		
	MAMMA1000841	1.33	2.02	3.11	2.23	4.44	2.29		
	MAMMA1000842	2.48	1.88	3.59	3.03	3.74	1.82		
20	MAMMA1000843	1.26	2.19	3.88	2.26	4.43	2.35		
	MAMMA1000845	0.83	1.01	2.4	2.35	3.88	1.24		
	MAMMA1000851	1.3	3.42	5.35	7.83	5.9	6.65		
25	MAMMA1000854	2.77	3.7	6.33	5.08	5.68	5.13		
	MAMMA1000855	0.37	2.97	2.62	2.51	3.74	1.78		
	MAMMA1000856	0.87	1.39	3.11	2.05	6.37	3.19		
	MAMMA1000859	9.88	8.56	20.5	19.52	18.47	24.31		
30	MAMMA1000862	1.13	1.55	3.53	1.17	3.18	0.79		
	MAMMA1000863	2.62	2.08	4.72	2.59	5.24	4.91		
	MAMMA1000865	0.35	0.82	2.48	0.4	1.84	0.35		
35	MAMMA1000867	1.08	2.83	2.87	1.95	3.68	4.76		
	MAMMA1000875	0.89	2.72	2.34	3.31	3.57	2.59		
	MAMMA1000876	1.23	1.64	4.59	2.4	3.37	3.22		
	MAMMA1000877	3.15	2.89	9.22	8.39	10.32	10.07		
40	MAMMA1000878	3.05	3.61	8.94	6.33	8.52	9.62		
	MAMMA1000880	1.46	1.15	4.77	2.45	3.96	3.01		
	MAMMA1000881	1.81	2.09	4.52	3.77	6.07	4.73		
45	MAMMA1000883	0.57	0.79	2.1	1.37	2.14	2.11		
	MAMMA1000897	0.76	2.39	0.36	1.19	2.99	6.19		
	MAMMA1000898	1.06	1.99	1.75	1.41	2.49	3.7		
	MAMMA1000905	1.8	2.75	4.68	8.32	6.86	10.64	*	+
50	MAMMA1000906	1.17	2.49	2.63	2.45	4.27	4.08		
	MAMMA1000908	1.59	1.63	4.3	1.77	3.05	1.43		
	MAMMA1000911	4.97	6.25	8.37	21.77	20.01	20.98	**	+
55	MAMMA1000914	1.14	0.85	2.41	1.1	2.23	1.61		
	MAMMA1000920	1.99	2.17	4.41	10.82	10.67	9.11	**	+

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	MAMMA1000921	1.03	1.02	2.41	3.47	3.84	3.17	*	+
	MAMMA1000931	2.68	3.44	3.95	6.78	7.66	7.32	**	+
5	MAMMA1000940	1.67	1.84	6.05	5.78	6.84	6.3		
	MAMMA1000941	3.74	2.55	8.61	9.01	10.11	9.46		
	MAMMA1000942	2.75	1.85	7.46	8.27	8.47	7.2		
	MAMMA1000943	2.16	2.84	10.49	9.04	11.08	8.74		
10	MAMMA1000952	2.6	1.93	8.65	9.03	7.47	6.75		
	MAMMA1000956	0.93	1.24	3.11	3.64	3.1	3.47		
	MAMMA1000957	2.5	1.41	2.62	4.81	5.73	6.85	**	+
15	MAMMA1000962	3.25	3.57	10.48	13.62	11.18	16.85	*	+
	MAMMA1000966	1.85	2.19	6.04	6.34	6.23	7.04		
	MAMMA1000968	1.6	1.46	5.49	4.79	5.62	4.97		
	MAMMA1000972	2.4	1.41	3.83	3.34	3.91	4.32		
20	MAMMA1000973	5.14	3.37	12.58	7.02	8.56	10.31		
	MAMMA1000975	1.44	1.99	3.34	2.37	4.9	5.05		
	MAMMA1000976	2.46	2.71	8.57	9.22	11.17	8.92		
25	MAMMA1000979	1.46	2.62	3.06	4.34	4.41	7.71		
	MAMMA1000986	5.75	5.32	10.24	8.83	11.32	13.95		
	MAMMA1000987	1.44	1.36	3.99	2.43	3.74	5.66		
	MAMMA1000988	3.76	4.86	8.88	10.18	11.34	10.5	*	+
30	MAMMA1000994	9.82	7.58	15.88	12.02	11.56	9.25		
	MAMMA1000998	1.51	1.07	3.13	4.21	5.42	4.04	*	+
	MAMMA1001003	1.98	1.83	5.97	4.2	6.86	4.39		
35	MAMMA1001007	0.38	1.03	1.77	0.14	1.38	0.32		
	MAMMA1001008	11.76	11.09	40.52	56.73	50.93	45.37	*	+
	MAMMA1001013	3.62	4.16	12.14	8.42	11.54	10.08		
	MAMMA1001014	1.4	1.79	5.49	4.36	5.16	4.26		
40	MAMMA1001021	0.49	2.08	7.85	6.46	5.47	4.26		
	MAMMA1001024	0.85	1.59	3.14	2.55	3.92	1.96		
	MAMMA1001025	1.03	1.47	2.94	1.27	2.95	1.41		
45	MAMMA1001028	1.3	1.09	2.23	3.07	4.73	3.28	*	+
	MAMMA1001030	1.63	0.48	2.22	3.06	3.24	2.08		
	MAMMA1001035	2.48	2.92	10.31	9.29	11.92	11.54		
	MAMMA1001036	4.69	4.01	10.7	11.23	8.22	11.33		
50	MAMMA1001037	1.91	2.88	6.49	5.28	7.53	4.69		
	MAMMA1001038	1.18	1.59	4.28	4.12	3.85	4.45		
	MAMMA1001041	1.64	1.87	3.18	3.75	4.04	2.64		
55	MAMMA1001043	1.09	1.24	3.67	3.44	3.35	3.18		
	MAMMA1001050	1.52	1.55	5.94	8.4	8.28	6.51	*	+

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	MAMMA1001054	2.04	2.58	6.99	9.29	11.07	8.36	*	+
	MAMMA1001059	2.66	4.71	9.73	8.85	9.72	8.46		
5	MAMMA1001066	3.64	2.97	-12.26	14.08	12.09	8.96		
	MAMMA1001067	1.26	2	4.77	3.53	5.33	3.29		
	MAMMA1001072	1.44	2.06	7.76	6.38	7.13	7.2		
	MAMMA1001073	1.17	0.79	1.47	1.49	2.74	1.34		
10	MAMMA1001074	0.78	1.47	3.97	6.24	5.4	4.9	*	+
	MAMMA1001075	4.87	4.41	10.48	11.24	9.82	8.21		
	MAMMA1001078	1.7	1.83	7.96	9.69	9.99	9.37	*	+
15	MAMMA1001080	3.77	3.93	6.97	8.71	10.33	5.57		
	MAMMA1001082	1.51	2.03	4.03	1.73	5.23	1.6		
	MAMMA1001091	1.17	1.36	2.02	1.81	3.03	1.47		
	MAMMA1001092	1.93	2.09	4.81	3.17	3.57	1.89		
20	MAMMA1001094	1.73	4.28	4.65	4	5.62	4.7		
	MAMMA1001105	2.45	2.62	7.7	6.99	7.57	6.06		
	MAMMA1001110	0.4	1.01	2.74	1.42	2.53	0.47		
25	MAMMA1001126	1.96	3.09	10.92	8.39	9.27	6.08		
	MAMMA1001133	2.5	3.44	10.94	9.48	10.83	10.68		
	MAMMA1001139	87.88	86.18	214.31	193.19	47.2	160.92		
	MAMMA1001141	1.33	2.89	3.65	3.69	5.25	5.46		
30	MAMMA1001143	2.02	1.79	4.23	3.95	6.69	4.34		
	MAMMA1001145	3.1	2.22	3.39	6.37	7.13	2.84		
	MAMMA1001150	1.34	2.48	3.95	3.06	3.31	2.11		
35	MAMMA1001154	2.16	2.8	5.57	5.44	7.13	5.22		
	MAMMA1001159	4.19	4.01	11.06	11.31	5.89	9.45		
	MAMMA1001161	4.3	5.27	19.53	18.34	10.8	14.8		
	MAMMA1001162	1.98	1.77	3.16	5.25	5.13	2.25		
40	MAMMA1001181	2.44	2.28	4.87	5.06	4.74	3.62		
	MAMMA1001186	2	2.66	4.66	5.38	5.48	3.9		
	MAMMA1001189	2.23	3.68	7.17	11	11.17	9.9	*	+
45	MAMMA1001191	2.54	2.07	5.49	4.37	3.89	2.97		
	MAMMA1001198	368.47	416.05	784.82	647.17	738.61	605.52		
	MAMMA1001202	11.78	11.85	30.06	34.39	28.74	25.16		
	MAMMA1001203	2.57	3.01	7.15	8.72	6.26	5.56		
50	MAMMA1001206	1.91	3.28	4.5	3.69	6.66	2.65		
	MAMMA1001208	2.66	2.93	3.31	3.82	4.95	3.19		
	MAMMA1001215	2.9	3.08	6.55	3.49	8.09	4.74		
	MAMMA1001220	2.63	3.03	7.25	7.16	7.17	6.03		
55	MAMMA1001222	1.25	1.18	4.18	2.18	5.85	0.53		

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	MAMMA1001223	2.48	3.32	6.53	4.95	6.51	4.1		
	MAMMA1001232	2.82	4.27	8.08	12.22	8.82	9.57		
5	MAMMA1001234	1.25	3.27	-3.17	5.05	3.91	3.26		
	MAMMA1001237	1.22	1.56	4.21	1.94	3.66	2.09		
	MAMMA1001243	2.18	2.28	4.06	4.05	4.89	1.99		
10	MAMMA1001244	1.22	1.16	2.86	2.96	4.79	2.22		
	MAMMA1001249	2.3	1.89	5.93	5.19	5.8	3.75		
	MAMMA1001256	3	3.09	8.29	5.89	7.83	8.01		
	MAMMA1001259	4.38	3.25	7.15	7.94	9.24	6.63		
15	MAMMA1001260	1.76	2.71	5.42	6.51	5.33	7.33		
	MAMMA1001262	2.1	4.11	5.28	7.86	8.04	6.25	*	+
	MAMMA1001268	2	2.16	4.59	2.56	4.23	2.48		
20	MAMMA1001271	4.84	5.78	17.37	18.29	14.24	15.67		
	MAMMA1001274	2.88	3.06	6.17	6.22	8.55	7.93		
	MAMMA1001280	2.09	1.48	4.36	1.84	3.78	1.73		
	MAMMA1001283	1.63	1.71	6.34	6.88	5.63	4.83		
25	MAMMA1001284	2.27	2	8.67	5.08	9.09	9.51		
	MAMMA1001286	13.83	9.72	17.39	12.15	11.83	14.63		
	MAMMA1001289	17.63	13.49	23.32	21.02	26.39	36.8		
	MAMMA1001292	3	3.01	5.94	7.26	6.31	6.85	*	+
30	MAMMA1001296	3.55	3.76	12.61	14.11	12.37	12.8		
	MAMMA1001298	1.26	1.7	6.26	4.25	6.78	4.07		
	MAMMA1001305	0.86	1.59	4.43	2.49	4.07	2.63		
35	MAMMA1001309	0.61	0.9	2.7	1.84	3	1.49		
	MAMMA1001310	1.72	2.17	3.64	4.81	7.38	4.42		
	MAMMA1001322	0.99	1.54	1.83	2.83	1.77	2.13		
	MAMMA1001324	1.3	1.12	3.16	2.03	2.83	1.94		
40	MAMMA1001330	3.35	2.65	9.53	7.93	9.75	5.36		
	MAMMA1001333	3.1	3.74	10.23	9.88	11.4	9.07		
	MAMMA1001334	5.53	4.17	4.83	10.97	8.23	10.16	**	+
45	MAMMA1001337	2.49	3.54	6.6	6.99	9.16	8.05	*	+
	MAMMA1001341	1.21	1.14	3.48	1.54	5.66	1.41		
	MAMMA1001343	2.37	1.89	8.07	8.17	9.75	10.95		
	MAMMA1001344	9.59	9.07	11.75	13.63	11.67	15.98		
50	MAMMA1001346	1.34	1.25	3.9	2.05	3.9	2.94		
	MAMMA1001383	3.07	3.61	8.52	8.3	9.02	9.38		
	MAMMA1001388	1.62	1.93	5.34	3.38	6.11	4.58		
55	MAMMA1001396	4.2	2.12	8.12	11.39	10.42	8.68		
	MAMMA1001397	2.59	2.27	5.79	8.33	8.96	7.78	*	+

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	MAMMA1001401	26.87	16.48	32.72	43.47	57.55	45.66	*	+
	MAMMA1001408	1.06	1.06	2.57	0.65	4.22	1.19		
5	MAMMA1001411	1.65	1.26	-3.84	4.38	3.33	3.51		
	MAMMA1001414	3.12	3.85	5.74	12.58	10.67	15.28	**	+
	MAMMA1001415	2.45	3.16	11.93	14.57	20.15	13.69	*	+
10	MAMMA1001418	0.66	2.2	5.36	3.57	6.04	4.46		
	MAMMA1001419	0.8	2.43	4.93	6.03	7.01	3.92		
	MAMMA1001420	0.96	3.09	4.5	3.23	4.11	3.41		
	MAMMA1001426	20.24	32.21	42.42	44.31	39.63	38.75		
15	MAMMA1001428	1.94	2.83	6.35	3.8	6.93	4.33		
	MAMMA1001432	1.19	2.33	8.19	5.62	6.19	6.68		
	MAMMA1001435	1.43	0.78	3.32	3.48	3.67	2.64		
20	MAMMA1001442	1.96	3.94	7.41	8.18	8.6	6.63		
	MAMMA1001446	2.17	2.57	6.71	6.9	7.34	7.97		
	MAMMA1001450	1.22	2.05	3.58	2.81	4.18	2.39		
	MAMMA1001452	1.99	1.78	5.92	8.38	6.19	4.83		
25	MAMMA1001465	3.93	3.25	13.61	16.65	14.6	13.82		
	MAMMA1001476	1.63	1.09	4.25	5.87	5.95	4.64	*	+
	MAMMA1001478	2.28	2.12	5.98	3.55	6.27	4.19		
	MAMMA1001479	3.11	4.71	8.32	5.58	6.74	6.21		
30	MAMMA1001487	1.1	1.14	3.84	4.73	3.26	2.08		
	MAMMA1001498	1.93	3.41	7.78	6.17	7.45	5.64		
	MAMMA1001501	0.88	1.97	4.49	2.8	4.77	2.36		
35	MAMMA1001502	1.82	1.91	6.48	3.29	6.29	6.26		
	MAMMA1001510	0.48	0.78	2.92	0.54	3.04	1.19		
	MAMMA1001522	1.03	1.29	3.94	5.05	4.9	3.39		
	MAMMA1001529	0.72	2.06	3.22	3.74	4.07	2.57		
40	MAMMA1001532	1.74	1.86	4.27	3.79	5.71	3.12		
	MAMMA1001533	0.61	1.31	2.9	1.52	3.06	1.64		
	MAMMA1001534	0.44	2.59	2.4	1.48	3.64	1.14		
45	MAMMA1001535	1.38	1.91	3.99	2.12	3.98	2.38		
	MAMMA1001547	2.8	2.89	7.77	9.23	8.22	6.22		
	MAMMA1001551	1.1	1.48	4.46	2.23	2.88	2.99		
	MAMMA1001569	1.27	1.68	3.41	2.03	3.41	1.94		
50	MAMMA1001575	1.48	2.41	3.42	4.01	4.43	2.81		
	MAMMA1001576	4.79	8.23	9.65	14.75	9.39	17.03		
	MAMMA1001584	0.89	2.48	3.33	3.11	4	3.09		
55	MAMMA1001586	1.43	2.41	3.34	3.78	3.31	1.84		
	MAMMA1001590	2.96	2.53	5.55	5.44	6.47	6.04		

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	MAMMA1001599	4.64	7.15	16.79	15.8	15.18	15.06		
	MAMMA1001600	1.45	2.22	4.73	2.98	4.68	2.11		
5	MAMMA1001604	1.03	1.76	3.62	2.35	4.01	1.64		
	MAMMA1001606	1.64	2.04	5.15	3.58	5.45	4.27		
	MAMMA1001609	1.31	2.37	4.36	3.05	5.43	1.59		
10	MAMMA1001614	2.91	3.57	6.15	5.94	6.11	4.14		
	MAMMA1001615	3.98	2.61	10.12	8.87	8.29	8.41		
	MAMMA1001619	7.73	7.8	14.29	16.33	12.93	14.61		
	MAMMA1001620	2.53	2.41	7.98	5.77	7.13	4.54		
15	MAMMA1001623	4.11	4.58	9.3	7.34	9.28	6.75		
	MAMMA1001626	0.83	1.98	2.52	3.24	3.93	1.93		
	MAMMA1001627	1.11	1.98	3.57	2.63	3.68	1.63		
	MAMMA1001630	2.02	3.08	7.83	7.49	7.53	4.29		
20	MAMMA1001633	2.64	3.12	8.8	12.09	9.59	6.16		
	MAMMA1001634	2.83	2.7	6.11	8.69	8.27	6.9	*	+
	MAMMA1001635	5.65	2.39	9.52	7.92	8.3	8.37		
25	MAMMA1001649	1.61	1.63	4.71	2.95	4.62	2.53		
	MAMMA1001654	8.14	9.45	39	43.4	55	46.79		
	MAMMA1001660	19.61	17.92	37.43	40.94	27.03	34		
	MAMMA1001663	1.9	4.73	9.42	9.59	9.56	6.58		
30	MAMMA1001670	1.12	2.66	3.97	3.65	4.09	2.62		
	MAMMA1001671	1.08	1.42	3.56	1.37	4.64	1.77		
	MAMMA1001679	6.85	6.37	13.89	11.48	17.04	13.91		
35	MAMMA1001683	2.15	3.29	9.6	6.58	6.53	6.96		
	MAMMA1001686	1.25	1.34	3.77	1.39	2.97	3.06		
	MAMMA1001688	113.39	113.61	245.56	392.2	458.41	413	**	+
	MAMMA1001689	1.01	3.76	4.1	5.04	3.79	4.44		
40	MAMMA1001692	1.97	2.59	5.37	3.66	5.3	3.88		
	MAMMA1001711	1.99	3.64	8.65	4.35	5.51	6.1		
	MAMMA1001715	1.31	1.64	3.95	4.64	4.87	4.13		
45	MAMMA1001730	2.01	2.15	2.5	2.8	4.42	2.83		
	MAMMA1001735	44.73	48.32	102.35	94.99	156.23	119.88		
	MAMMA1001740	0.64	1.6	4.59	2.06	3.91	1.95		
	MAMMA1001743	9.84	11.15	33.16	41.97	51.62	49.6	*	+
50	MAMMA1001744	0.63	0.72	0.86	1.1	1.72	1.71	*	+
	MAMMA1001745	1.41	2.15	6.15	3.27	4.46	3.93		
	MAMMA1001751	1.38	2.41	3.24	2.85	4.51	4.32		
55	MAMMA1001752	4.7	4.78	9.75	6.12	9.61	8.4		
	MAMMA1001754	7.25	7.89	7.34	11.04	9.63	9.39	*	+

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	MAMMA1001757	1.21	1.1	2.32	2.21	3.25	2.43		
	MAMMA1001760	3.87	4.52	20.01	22.91	24.2	27.59	*	+
5	MAMMA1001764	2.62	2.36	5.97	7.13	10.17	6.51		
	MAMMA1001767	1.22	1.55	2.13	1.61	2.96	1.55		
	MAMMA1001768	0.57	1.18	4.25	4.74	4.72	4.37		
10	MAMMA1001769	2.48	2.83	9.22	9.3	9.81	8.94		
	MAMMA1001771	2.66	1.58	3.74	2.86	5.85	6.77		
	MAMMA1001773	2.7	3.53	3.87	4	6.29	7.61		
	MAMMA1001778	0.88	1.92	3.14	3.13	4.21	3.61		
15	MAMMA1001783	2.01	2.1	11.25	11.63	18.46	13.04		
	MAMMA1001785	3	3.52	8.85	10.56	13.38	11	*	+
	MAMMA1001788	0.49	0.86	1.21	0.72	1.72	1.11		
20	MAMMA1001790	1.68	1.67	5.1	2.37	3.73	3.93		
	MAMMA1001800	0.83	0.99	1.47	1.5	2.24	3.25		
	MAMMA1001804	1.02	1.41	3.18	2.37	4.16	2.4		
	MAMMA1001806	2.13	2.78	6.4	3.15	5.5	4.72		
25	MAMMA1001812	1.46	1.33	5.52	4.21	5.86	5.05		
	MAMMA1001815	0.33	1.76	3.07	1.22	3.67	1.24		
	MAMMA1001817	3.19	3.38	9.5	6.78	10.89	13.3		
30	MAMMA1001818	1.68	2.08	3.41	3.94	8.52	3.41		
	MAMMA1001819	2.57	4.12	5.82	8.7	10.29	7.87	*	+
	MAMMA1001820	2.68	4.51	8.27	7.51	10.98	6.07		
	MAMMA1001824	1.66	2.83	8.36	7.55	9.8	7.11		
35	MAMMA1001832	6.72	7.99	11.85	20.17	21.28	17.21	**	+
	MAMMA1001836	1.74	1.66	5.08	4.79	8.19	4.88		
	MAMMA1001837	2.61	2	5.84	7.1	9.19	5.37		
	MAMMA1001848	1.02	1.61	3.3	2.81	5.33	3.18		
40	MAMMA1001850	3.79	4.51	9.31	9.98	9.93	14.19		
	MAMMA1001851	1.49	2.33	4.98	4.97	4.12	4.02		
	MAMMA1001852	2.98	4	9.68	6.4	7.56	6.8		
45	MAMMA1001854	2.56	3.11	9.16	10.59	10.64	9.98		
	MAMMA1001858	3.11	2.22	5.28	9.93	7.91	8.87	**	+
	MAMMA1001864	1.69	1.91	4.09	8.91	6.18	4.37		
	MAMMA1001868	0.71	0.92	2.64	1.68	2.58	0.91		
50	MAMMA1001874	1.2	0.87	2.52	1.06	3.48	1.17		
	MAMMA1001878	3.1	3.46	10.86	7.7	13.37	6.77		
	MAMMA1001880	2.67	2.99	7.24	5.58	7.17	8.12		
55	MAMMA1001885	1.14	1.93	6.19	4.7	5.54	4.58		
	MAMMA1001890	3.54	3.95	12.93	13.59	13.29	12.2		

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	MAMMA1001893	3.74	3.42	6.25	6.59	5.49	5.58		
	MAMMA1001901	1.13	1.5	5.4	4.53	5.72	2.67		
5	MAMMA1001907	2.57	1.62	6.43	4.15	7.36	6.34		
	MAMMA1001908	3.2	3.36	8.35	11.83	12.96	12.46	*	+
	MAMMA1001919	0.23	0.97	3.3	2.24	3.9	2.07		
10	MAMMA1001931	0.76	1.65	4.04	3.36	5.89	3.25		
	MAMMA1001937	2.27	3.15	5.5	6.44	5.06	3.78		
	MAMMA1001951	1.74	2.57	6.47	6.48	6.15	4.83		
	MAMMA1001956	3.02	3.48	9.72	8.52	7.66	6.76		
15	MAMMA1001957	3.39	3.51	9.15	7.88	9.47	7.66		
	MAMMA1001960	3.1	3.34	7.24	12.06	9.14	6.1		
	MAMMA1001963	0.57	0.78	2.14	1.3	2.36	1.06		
20	MAMMA1001969	1.7	3.43	10.86	8.54	11.14	8.74		
	MAMMA1001970	2.86	3.04	8.48	13.11	6.59	6.64		
	MAMMA1001978	0.57	1.85	1.76	2.42	3.87	1.53		
	MAMMA1001992	2.07	2.04	5.65	6.79	6.75	5.09		
25	MAMMA1001994	7.97	3.65	11	18.83	13.23	17.17	*	+
	MAMMA1002008	3.28	3.77	6.42	3.43	4.06	1.24		
	MAMMA1002009	1.46	2.94	5.17	5.73	7.57	4.06		
30	MAMMA1002011	1.77	1.71	4.26	6.5	6.45	3.37		
	MAMMA1002022	1.51	2.1	5.92	6.64	7.42	5.2		
	MAMMA1002024	9.79	9.67	19.03	17.61	16.96	22.43		
	MAMMA1002032	2.78	2.41	7.25	5.29	6.16	8.07		
35	MAMMA1002033	3.23	3.95	7.73	11.24	7.23	6.62		
	MAMMA1002041	2.87	2.25	3.18	4.74	5.39	1.71		
	MAMMA1002042	2.54	2.34	5.66	5.65	5.78	3.76		
40	MAMMA1002045	2.33	3.51	7.28	8.39	5.05	4.44		
	MAMMA1002047	2.58	2.98	8.83	8.7	8.9	6.89		
	MAMMA1002056	2.01	5.78	11.14	11.35	10.64	9.14		
	MAMMA1002058	1.67	2.61	8.19	4.84	4.66	4.27		
45	MAMMA1002060	1.08	2.08	1.41	2.5	4.09	1.2		
	MAMMA1002065	1.81	2.75	6.04	7.19	5.19	3.26		
	MAMMA1002068	2.43	1.84	5.29	4.98	5.6	4.47		
	MAMMA1002070	4.5	2.92	4.15	2.58	5.23	2.81		
50	MAMMA1002078	1.32	1.43	2.94	1.12	4.4	1.07		
	MAMMA1002080	7.98	9.71	13.38	14.92	20.84	14.26		
	MAMMA1002082	2.54	4.96	13.04	9.67	8.15	7.78		
55	MAMMA1002084	1.78	3.47	3.38	4.68	4.48	3.6		
	MAMMA1002087	1.12	2.15	5.37	3.6	4.67	2.36		

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	MAMMA1002091	3.79	3.22	4.32	7.18	6.76	6.41	**	+
	MAMMA1002093	0.72	1.4	4.31	2.74	4.39	2.33		
5	MAMMA1002095	2.4	3.22	7.5	4.73	7.52	4.54		
	MAMMA1002108	1.84	1.02	2.63	1.87	3.24	1.31		
	MAMMA1002112	2.94	3.4	7.03	12.79	16.02	11.28	**	+
10	MAMMA1002118	1.02	1.61	2.24	1.41	3.18	2.01		
	MAMMA1002119	0.76	2.15	3.61	1.51	3.12	2.54		
	MAMMA1002125	1.79	2.61	6.95	4.52	4.19	4.11		
	MAMMA1002126	3.72	4.25	9.79	10.08	9.02	11.03		
15	MAMMA1002128	0.9	2.36	3.07	2.7	3.49	2.88		
	MAMMA1002132	3.78	3.24	11.42	6.18	9.05	6.81		
	MAMMA1002140	1.46	1.87	3.68	2.18	3.24	2.33		
20	MAMMA1002142	3.13	3.43	7.06	5.18	7.62	5.46		
	MAMMA1002143	5.42	2.27	7.96	7.98	9.87	13.23		
	MAMMA1002145	1.47	1.34	3.3	2.9	4.02	2.64		
	MAMMA1002147	0.81	1.59	2.9	2.71	4.4	3		
25	MAMMA1002153	0.99	1.92	5.55	3.52	6.41	4.75		
	MAMMA1002155	2.11	1.93	6.76	4.4	6.46	4.46		
	MAMMA1002156	0.81	0.8	1.94	0.67	2.63	0.78		
30	MAMMA1002158	1.38	1.83	5.12	4.09	7.73	5.2		
	MAMMA1002164	2.01	2.09	5.86	3.17	3.18	4.04		
	MAMMA1002165	4.04	4.29	7.25	8.65	8.1	6.81		
	MAMMA1002170	1.01	1.48	154.53	2.65	3.24	4.11		
35	MAMMA1002174	1.66	2.9	5.88	4.55	7.78	8.58		
	MAMMA1002175	3.27	3.3	7.02	6.95	6.64	7.22		
	MAMMA1002180	8.59	6.53	35.97	55.49	48.49	51.08	*	+
	MAMMA1002198	3.11	2.3	9.33	7.6	11.22	7.13		
40	MAMMA1002205	2.93	1.66	6.15	6.3	8.04	7.54		
	MAMMA1002206	4.6	3.59	8.14	12.4	13.97	11.74	**	+
	MAMMA1002209	1.7	1.93	4.03	4.43	4.23	4.57		
45	MAMMA1002215	4.17	2.72	15.2	11.05	12.43	17.14		
	MAMMA1002219	1.57	1.96	4.99	4.84	6.34	5.96		
	MAMMA1002224	3.18	2.9	8.18	5.49	7.25	5.86		
	MAMMA1002229	3.74	2.21	8.83	8.48	9.26	6.82		
50	MAMMA1002230	2.02	2.21	6.63	5.31	8.91	6.58		
	MAMMA1002233	3.01	1.6	6.08	4.21	7.91	6.14		
	MAMMA1002234	3.05	3.06	6.7	8.6	10.45	10.76	*	+
55	MAMMA1002236	4.13	3.68	14.08	26.56	20.38	24.71	*	+
	MAMMA1002243	0.97	2.48	3.48	3.28	3.43	2.96		

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	MAMMA1002250	1.06	2.09	5.2	3.95	6.82	6.01		
	MAMMA1002253	2.77	2.39	3.45	4.84	6.18	3.37		
5	MAMMA1002267	17.17	19.95	-51.7	130.02	108.53	115.75	**	+
	MAMMA1002268	1.72	2.28	5.82	6.92	11.3	6.52		
	MAMMA1002269	0.89	0.73	2.25	2.32	2.58	1.67		
	MAMMA1002282	0.86	1.09	4.95	5.87	5.31	6.81		
10	MAMMA1002292	2.71	2.25	7.77	10.57	10.52	11.53	*	+
	MAMMA1002293	3.71	3.31	12.81	8.54	10.47	12.05		
	MAMMA1002294	0.9	1.71	4.61	3.68	6.03	4.2		
15	MAMMA1002297	1.53	3.25	7.45	5.77	7.8	6.91		
	MAMMA1002298	1.48	1.4	3.98	3.85	3.11	2.46		
	MAMMA1002299	1.5	1.69	3.16	3.91	2.97	2.2		
	MAMMA1002308	1.39	1.35	6.55	4.5	3.11	2.54		
20	MAMMA1002310	3.56	3.84	12.73	9.92	12.66	11.48		
	MAMMA1002311	2.52	2.13	6.82	9.61	9.66	6.9	*	+
	MAMMA1002312	1.63	2.22	5.19	3.51	8.45	2.55		
25	MAMMA1002317	2.08	2.55	4.89	4.08	3.85	4.09		
	MAMMA1002319	0.8	2.78	3.51	2.68	3.97	2.85		
	MAMMA1002322	2.48	3.23	7.84	12.21	10.02	8.55	*	+
	MAMMA1002329	1.64	1.67	2.93	2.9	3.3	2.76		
30	MAMMA1002332	2.17	2.38	4.58	5.98	4.14	3.05		
	MAMMA1002333	1.7	1.74	4.19	5.35	5.07	3.54		
	MAMMA1002335	1.75	2.72	8.53	6.93	11.32	4.23		
35	MAMMA1002339	2.09	2.42	7.34	5.21	7.5	5.14		
	MAMMA1002347	1.7	2.3	6.39	5.5	5.32	4.64		
	MAMMA1002351	2.08	2.68	5.74	3.03	4.48	4.84		
	MAMMA1002352	1.27	2.28	3.66	3.53	4.63	2.8		
40	MAMMA1002353	4.46	2.5	5.84	5.95	4.19	4		
	MAMMA1002355	3.97	3.38	8.37	7.98	7.31	8.57		
	MAMMA1002356	2.18	1.49	4.36	5.43	4.13	3.75		
45	MAMMA1002359	3.95	3.35	16.09	23.81	24.53	19	*	+
	MAMMA1002360	0.93	1.73	3.77	2.48	3.2	1.67		
	MAMMA1002361	2.01	2.64	4.53	4.17	4.95	4.03		
	MAMMA1002362	2.33	2.33	3.36	5.31	5.51	3.99	*	+
50	MAMMA1002367	2.97	3.64	14.63	18.34	21.06	21.56	*	+
	MAMMA1002371	2.28	3.75	8.3	6.15	6.74	5.88		
	MAMMA1002380	1.81	2.26	4.9	4.71	5.76	3.55		
55	MAMMA1002384	2.14	1.53	4.73	4.48	5.36	4.05		
	MAMMA1002385	1.19	2.05	5.63	3.34	4.8	2.47		

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	MAMMA1002390	1.41	2.04	3.75	5.48	5.4	3.43		
	MAMMA1002392	1.94	3.1	6.1	4.06	5.95	3.32		
5	MAMMA1002396	4.87	3.49	12.87	10.79	12.9	8.08		
	MAMMA1002399	4.42	5.13	10.69	10.95	8.66	4.57		
	MAMMA1002400	3	2.22	4.69	3.11	4.36	3.53		
	MAMMA1002409	51.57	55.16	63.3	77.54	80.62	77.88	**	+
10	MAMMA1002411	1.08	1.88	4.13	3.43	5.49	1.92		
	MAMMA1002413	2.02	3.01	9.19	5.93	7.17	6.75		
	MAMMA1002417	1.83	2.24	4.87	3.45	4.25	2.63		
15	MAMMA1002427	1.5	2.38	4.54	4.78	5.56	3.41		
	MAMMA1002428	2.47	2.26	5.38	4.46	5.11	4.28		
	MAMMA1002433	1.74	2.18	6.84	6.72	6.96	6.22		
	MAMMA1002434	2.94	2.4	7.38	5.34	4.65	5.03		
20	MAMMA1002446	1.39	2.34	5.62	3.98	5.84	5.96		
	MAMMA1002447	2.51	1.38	6.4	5.11	6.26	5.45		
	MAMMA1002454	7.77	9.16	18.07	21.71	17.12	18.35		
25	MAMMA1002461	2.06	4.11	7.7	4.92	5.41	6.47		
	MAMMA1002463	3.28	3.32	8.09	6.98	7.82	5.39		
	MAMMA1002464	16.58	16.77	20.05	19.41	20.41	18.09		
	MAMMA1002466	9.48	9.89	14.22	14.58	15.75	13.93		
30	MAMMA1002470	1.39	1.51	5.13	3.54	5.01	3.73		
	MAMMA1002475	0.72	1.85	5.03	3.86	5.17	4.65		
	MAMMA1002480	0.66	1.21	2.31	1.68	2.84	2.03		
35	MAMMA1002485	29.98	27.24	46.09	64.83	74.9	80.68	**	+
	MAMMA1002494	2	2	4.11	4.48	5.12	5.13	*	+
	MAMMA1002498	0.97	2.57	3.16	2.07	3.18	1.55		
	MAMMA1002524	3.04	2.96	6.43	5.18	7.34	6.1		
40	MAMMA1002530	2.5	3.24	4.88	3.17	4.41	2.55		
	MAMMA1002538	2.34	2.38	5.62	5.46	5.13	4.91		
	MAMMA1002545	2.37	2.64	6.26	4.56	6.49	4.56		
45	MAMMA1002554	1.96	1.42	5.43	5.3	6.01	7.81		
	MAMMA1002556	1.3	1.9	3.6	3.73	5.75	3.89		
	MAMMA1002561	2.3	2.99	7.19	8.13	10.46	7.98		
	MAMMA1002565	1.22	2.15	3.52	2.57	4.51	2.55		
50	MAMMA1002566	0.98	1.87	6.21	1.65	4.7	3.9		
	MAMMA1002571	0.53	1.8	3.06	1.43	3.1	4.3		
	MAMMA1002573	2.14	1.86	7.06	4.54	5.66	5.97		
55	MAMMA1002576	118.77	131.84	363.97	348.62	471.73	358.66		
	MAMMA1002584	3.52	2.27	11.91	12.86	17.82	13.46		

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	MAMMA1002585	0.76	1.86	4.38	1.85	3.6	5.26		
	MAMMA1002586	1.98	2.55	3.85	4.12	5.02	3.3		
5	MAMMA1002589	1.08	1.26	-2.44	2.36	5.06	3.19		
	MAMMA1002590	1.01	1.57	5.87	2.58	6.75	4.57		
	MAMMA1002593	2.48	2.48	4.89	4.18	4.07	3.04		
	MAMMA1002597	2.47	2.52	7.25	8.06	9.48	8.78	*	+
10	MAMMA1002598	12.12	13.52	30.83	37.28	48.14	38.91	*	+
	MAMMA1002603	1.2	1.39	3.69	3.25	6.24	4.35		
	MAMMA1002612	3.51	3.39	12.6	7.66	7.78	9.76		
15	MAMMA1002617	4.3	3.41	10.15	6.3	7.29	10.05		
	MAMMA1002618	1.68	2.27	4.02	2.76	3.59	3.91		
	MAMMA1002619	2.96	2.8	5.24	3.22	5.88	3.49		
	MAMMA1002622	2.51	2.12	8.02	7.1	7.18	7.15		
20	MAMMA1002623	2.31	2.21	6.27	5.89	6.17	6.19		
	MAMMA1002625	1.32	1.3	3.23	2.3	6.42	2.6		
	MAMMA1002627	0.98	0.82	2.93	0.6	1.29	0.21		
25	MAMMA1002629	1.8	2.23	6.09	5.03	6.74	7.02		
	MAMMA1002631	1	1.86	3.61	3.07	4.55	2.97		
	MAMMA1002633	6.61	7.44	21.47	19.33	24.55	21.53		
	MAMMA1002636	1.02	2.46	6.97	6.79	8.77	9.25		
30	MAMMA1002637	1.05	1.4	4.66	3.39	4.85	4.28		
	MAMMA1002646	1.69	0.8	3.32	2.33	2.86	1.53		
	MAMMA1002648	10.51	14.07	21.18	42.29	31.45	39.76	**	+
35	MAMMA1002650	1.33	0.56	1.62	1.76	2.08	0.57		
	MAMMA1002652	1.76	2.82	7.31	7.5	7.41	9.79		
	MAMMA1002655	1.7	2.11	3.65	2.54	4.23	3.78		
	MAMMA1002662	0.84	2.24	4.33	3.57	5.68	4.13		
40	MAMMA1002665	3.61	3.57	10.05	13.42	17.97	19.59	*	+
	MAMMA1002671	2.84	3.63	10.17	17.04	16.47	19.3	**	+
	MAMMA1002673	1.32	2.14	4.93	4.07	5.03	2.82		
45	MAMMA1002684	2.95	3.11	3.84	6.61	8.19	7.54	**	+
	MAMMA1002685	0.68	1.49	2.57	2.05	3.74	2.97		
	MAMMA1002692	1.28	1.96	5.45	2.46	4.14	3.62		
	MAMMA1002693	1.84	4.18	8	4.63	7.68	6.61		
50	MAMMA1002698	0.99	1.91	4.05	2.92	4.42	3.3		
	MAMMA1002699	2	2.35	4.43	4.05	5.22	3.64		
	MAMMA1002701	2.41	2.56	8.46	6.72	8.94	8.93		
55	MAMMA1002708	1.51	1.55	5.38	4.08	6.16	6.18		
	MAMMA1002711	1.58	2.08	7.04	4.37	7.35	5.81		

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	MAMMA1002712	3.05	3.13	6.98	4.88	7.12	7.39		
	MAMMA1002716	0.56	1.75	3.39	2.38	6.29	2.9		
5	MAMMA1002721	2.11	2.01	-5.57	3.72	6.34	4.59		
	MAMMA1002723	2.43	2.46	4.91	3.85	5.98	4.88		
	MAMMA1002727	3.85	5.55	5.78	5.29	4.45	6.22		
10	MAMMA1002728	21.35	22.03	57.81	49.09	54.73	65.13		
	MAMMA1002742	4.12	4.39	10.35	7.92	8.63	7.61		
	MAMMA1002743	4.12	3.89	6.17	13.81	14.09	13.46	**	+
	MAMMA1002744	2.07	3.15	9.18	9.33	12.98	13.16		
15	MAMMA1002746	0.93	1.28	3.09	2.29	4.31	1.68		
	MAMMA1002748	2.71	2.65	4.52	7.15	5.86	4.72	*	+
	MAMMA1002754	1.12	2.41	5.56	5.05	5.65	6.26		
	MAMMA1002758	0.71	1.66	2.55	1.57	4.41	1.69		
20	MAMMA1002762	11.3	11.14	36.64	38.42	34.23	48.71		
	MAMMA1002764	1.83	3.2	5.95	5.11	6.06	4.26		
	MAMMA1002765	1.19	1.63	4.29	4.63	5.26	2.67		
25	MAMMA1002769	7.4	6.44	13.04	13.78	8.03	12.41		
	MAMMA1002771	1.41	2.41	3.31	3.54	5.39	4.39		
	MAMMA1002775	4.56	4.48	19.79	22.54	29.77	24.29	*	+
	MAMMA1002780	2.59	1.83	3.03	2.11	4.89	3.78		
30	MAMMA1002782	1.43	2.49	3.85	2.51	4.79	4.11		
	MAMMA1002795	1.89	2.03	3.46	6.45	7.68	5.35	**	+
	MAMMA1002796	4.35	3.97	7.51	7.2	8.09	8.17		
35	MAMMA1002805	6.61	11.12	16.52	15.95	24.7	16.5		
	MAMMA1002806	1.47	2.02	3.51	2.28	4.62	2.17		
	MAMMA1002807	1.63	2.4	6.77	6.78	9.66	6.4		
	MAMMA1002814	3.43	3.52	7.92	9.58	12.39	10.66	*	+
40	MAMMA1002817	1.28	1.56	2.87	2.89	5.43	2.91		
	MAMMA1002820	1.66	1.93	2.61	2.52	4.77	2.21		
	MAMMA1002830	67.67	70.46	130.59	165.92	139.33	187.18	*	+
45	MAMMA1002833	4.16	2.88	9.4	8.22	10.68	10.58		
	MAMMA1002835	0.77	1.87	4.03	1.73	3.97	2.79		
	MAMMA1002838	1.85	2.66	5.31	2.91	4.44	3.93		
	MAMMA1002842	1	3.83	3.84	3.32	4.63	5.15		
50	MAMMA1002843	1.72	2.92	2.33	4.09	4.81	3		
	MAMMA1002844	3.05	3.64	6.52	5.26	7.3	4.09		
	MAMMA1002845	1.25	1.57	2.45	3.59	3.55	4.67	*	+
55	MAMMA1002857	92.1	106.97	208.17	209.17	202.29	249.13		
	MAMMA1002858	317.94	188.78	378.89	560.7	620.76	724.33	**	+

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	MAMMA1002863	2.17	2.83	6.91	3.51	5.12	3.96		
	MAMMA1002868	2.73	3.7	6.26	6.35	9.53	10.25	*	+
5	MAMMA1002869	5.43	6.83	26.64	22.68	30.03	29.85		
	MAMMA1002871	0.61	1.7	1.78	1.9	3.8	1.97		
	MAMMA1002875	1.9	2.59	3.99	4.48	6.35	4.06		
	MAMMA1002879	8.42	9.2	14.19	22.55	23.63	27.96	**	+
10	MAMMA1002880	1.23	2.02	2.12	1.48	5.42	2.03		
	MAMMA1002881	1.21	1.43	1.84	3.01	5.43	2.46		
	MAMMA1002885	0.96	1.59	2.71	2.6	3.26	1.59		
15	MAMMA1002886	2.63	2.52	3.9	6.01	5.37	7.05	**	+
	MAMMA1002887	1.28	1.83	2.78	2.98	5.14	4.32	*	+
	MAMMA1002890	0.79	1.7	4.05	4.39	4.8	4.01		
	MAMMA1002892	1.35	2.45	4.98	6.64	6.24	5.84	*	+
20	MAMMA1002893	4.52	3.58	5.4	7.6	8.03	8.43	**	+
	MAMMA1002895	1.43	1.31	3.28	1.81	3.89	1.64		
	MAMMA1002898	0.53	1.67	4.15	2.69	4.72	1.42		
25	MAMMA1002905	1.32	1.58	2.51	4.1	5.01	3.87	**	+
	MAMMA1002906	15.12	10.76	15.42	19.47	13.76	15.58		
	MAMMA1002908	0.99	1.24	4.28	3.53	4.24	4.07		
	MAMMA1002909	1.92	2.64	5.67	6.82	8.18	6.57	*	+
30	MAMMA1002918	2.75	2.69	5.42	5.27	7.26	6.58		
	MAMMA1002925	92.88	85.77	163.7	127.31	122.97	178.98		
	MAMMA1002926	6.08	6.31	16.25	16.64	19.48	19.9		
35	MAMMA1002930	1.21	1.59	5.67	4.88	8.91	4.21		
	MAMMA1002937	4.91	3.87	30.71	40.45	75.17	61.59	*	+
	MAMMA1002938	1.67	1.86	2.42	2.35	3.2	3.56		
	MAMMA1002941	0.49	1.48	2.78	2.53	3.59	2.24		
40	MAMMA1002947	2.24	2.59	4.55	6	6.8	7.94	*	+
	MAMMA1002964	1.73	2.9	5.91	6.91	7.24	7.16	*	+
	MAMMA1002967	1.94	1.59	2.28	2.9	4.19	2.79		
45	MAMMA1002970	2.72	1.77	6	7.59	7.28	8.96	*	+
	MAMMA1002971	1.52	1.6	2.9	2.51	7.27	3.93		
	MAMMA1002972	1	1.32	2.95	1.74	4.56	2.12		
	MAMMA1002973	1.38	2.45	6.73	4.36	6.72	6.78		
50	MAMMA1002979	55.6	60.16	121.72	134.02	101.19	107.19		
	MAMMA1002982	0.53	1.98	2.28	2.04	3.28	1.9		
	MAMMA1002987	1.56	2.11	5.56	3.14	5.55	4.14		
55	MAMMA1003003	0.77	2.18	4.78	4.46	6.47	5.08		
	MAMMA1003004	1.65	1.86	3.7	3.64	3.59	3.16		

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	MAMMA1003007	0.69	1.16	2.73	1.88	3.7	2.32		
	MAMMA1003011	1.56	1.8	3.67	3.77	5.41	3.94		
5	MAMMA1003013	3.67	5.57	39.41	47.56	59.11	54.29	*	+
	MAMMA1003015	1.16	1.8	2.21	2.54	2.9	2.19		
	MAMMA1003019	0.6	1.61	2.1	3.12	4.61	2.63		
10	MAMMA1003020	2.96	4.19	5.34	11.31	10.33	10.09	**	+
	MAMMA1003026	1.29	1.56	2.95	2.66	4.25	2.25		
	MAMMA1003031	0.61	1.71	5.64	4.13	5.85	5.89		
	MAMMA1003033	1.34	1.65	4.13	2.84	5.11	3.64		
15	MAMMA1003035	1.66	2.5	5.44	5.12	7.03	4.9		
	MAMMA1003039	0.95	0.75	3.31	2.15	4.73	2.48		
	MAMMA1003040	1.38	2.54	5.32	4.57	7.47	7.43		
20	MAMMA1003044	2.36	2.96	6.52	4.29	6.41	5.99		
	MAMMA1003047	1.82	3.67	7.61	5.74	7.05	7.13		
	MAMMA1003049	0.47	1.72	2.03	1.08	1.56	1.45		
	MAMMA1003055	1.24	1.67	4.92	3.77	5.14	3.44		
25	MAMMA1003056	0.9	0.91	1.85	1.22	2.26	1.02		
	MAMMA1003057	2.53	3.34	6.76	7.25	9.2	5.01		
	MAMMA1003066	1.65	2.06	4.73	4.1	7.08	5.07		
	MAMMA1003075	1.11	1.71	3.16	1.85	4.37	2.32		
30	MAMMA1003089	1.69	2.11	7.13	7.85	8.66	7.43		
	MAMMA1003092	1.25	1.79	3.21	2.62	4.08	1.76		
	MAMMA1003095	2.27	3.33	5.4	7.24	8.57	5.34		
35	MAMMA1003099	1.88	2.51	4.95	4.09	6.45	4.35		
	MAMMA1003102	1.33	2.04	2.88	3.2	3.27	2.39		
	MAMMA1003104	0.64	1.07	3.17	2.15	3.25	1.56		
	MAMMA1003113	4.22	4.21	6.98	9.22	7.02	7.07		
40	MAMMA1003126	12.93	14.72	20.89	19.28	12	15.63		
	MAMMA1003127	2.95	3.14	5.91	3.88	6.12	5.19		
	MAMMA1003131	2.82	3.51	4.86	3.82	5.91	5.88		
45	MAMMA1003135	3.66	4.65	7.61	2.33	4.04	2.64		
	MAMMA1003140	0.73	2.01	3.59	2.3	3.32	1.89		
	MAMMA1003146	2.08	2.24	3.89	3.17	5.09	3.3		
	MAMMA1003150	1.18	1.8	3.01	3.37	4.29	3.45	*	+
50	MAMMA1003154	0.54	1.41	2.29	2.21	3.57	2.34		
	MAMMA1003155	8.08	9.18	20.88	21.41	17.68	20.56		
	MAMMA1003157	5.94	4.82	6.07	5.18	7.05	7.89		
55	MAMMA1003163	1.74	1.69	4.23	2.55	5.46	3.08		
	MAMMA1003164	2.94	4.56	6.23	4.08	9.9	8.18		

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	MAMMA1003166	3.62	3.5	5.77	6.24	8.66	6.12		
	NB9N31000010	2.5	3.88	7.58	9.63	12.26	9.5	*	+
5	NB9N31000016	0.73	2.8	5.21	4.04	4.41	3.15		
	NB9N31000043	8.1	8.88	19.71	12.51	12.3	12.64		
	NB9N31000045	167.24	153.32	255.96	401.78	320.53	296.06	*	+
10	NB9N31000054	7.29	4.42	11.75	11.15	11.87	13.43		
	NB9N31000076	2.31	1.94	3.51	4.5	6.35	4.44	*	+
	NB9N31000086	2.62	2.65	6.23	3.61	9.71	7.69		
	NT2RM1000001	2.56	2.45	6.24	5.7	7.05	6.32		
15	NT2RM1000018	3.84	4.69	10.6	6.58	9.09	6.92		
	NT2RM1000032	1.12	2.64	3.88	2.28	4.92	3.21		
	NT2RM1000035	1.72	3.68	5.53	5.44	5.21	5.98		
20	NT2RM1000037	1.38	2.98	2.75	2.41	4.15	2.11		
	NT2RM1000039	3.45	5.13	5.9	6.51	7.26	8.4	*	+
	NT2RM1000042	33.96	32.7	65.25	57.46	67.15	64.39		
	NT2RM1000055	0.85	1.74	3.34	1.16	3.55	1.16		
25	NT2RM1000059	3.26	3.16	7.66	4.69	5.97	5.78		
	NT2RM1000062	1.13	1.21	1.9	3.47	4.33	2.46	*	+
	NT2RM1000065	23.8	16.41	34.06	36.15	35.1	51.38		
30	NT2RM1000066	4.13	4.31	8.98	7.23	10.95	9.81		
	NT2RM1000071	49.63	37.81	86.71	73.04	63.32	84.05		
	NT2RM1000080	1.37	2.04	3.8	5.1	5.94	4.5	*	+
	NT2RM1000086	4.04	4.65	4.08	5.01	6.23	5.58	*	+
35	NT2RM1000092	6.17	6.93	15.76	14.48	25.91	15.13		
	NT2RM1000118	0.63	1.12	1.22	0.63	1.7	0.44		
	NT2RM1000119	1.32	2.27	1.96	1.84	3.38	2.99		
40	NT2RM1000121	1.13	1.84	1.76	2.92	3.84	2.78	*	+
	NT2RM1000122	3.5	3.78	7.34	5.5	8.86	9.57		
	NT2RM1000127	0.69	1.34	1.47	2.14	3.36	3.32	*	+
	NT2RM1000131	0.71	1.7	1.47	1.36	3.02	2.53		
45	NT2RM1000132	3.2	4.88	4.83	6.86	6.46	6.31	*	+
	NT2RM1000153	1.75	1.9	3.68	2.38	4.45	4.84		
	NT2RM1000184	72.82	77.46	151.91	106.39	163.07	125.55		
	NT2RM1000186	1.55	1.46	4.32	2.67	4.72	3.94		
50	NT2RM1000187	3.11	1.96	5.16	10.09	9.1	8.78	**	+
	NT2RM1000199	1.12	1.37	2.11	2.41	3.51	2.72	*	+
	NT2RM1000213	1.32	1.75	2.38	2.66	2.71	2.22		
55	NT2RM1000215	10.95	11.07	17.21	19.51	22.84	15.14		
	NT2RM1000218	9.72	9.95	23.71	26.94	24.74	29.21		

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	NT2RM1000224	8.8	8.63	15.2	15.51	21.29	17.61		
	NT2RM1000236	30.38	24.19	61.14	72.86	82.44	71.5	*	+
5	NT2RM1000242	0.23	1.17	1.32	0.39	2.27	0.12		
	NT2RM1000244	1.41	1.48	3.43	6.9	3.69	6.7	*	+
	NT2RM1000252	1.75	1.5	3.4	3.4	3.06	3.18		
	NT2RM1000256	7.88	5.89	9.46	26.12	29.45	36.8	**	+
10	NT2RM1000257	1.98	3.01	5.09	4.64	6.83	6.65		
	NT2RM1000260	7.9	7.01	13.32	9.18	12.49	11.77		
	NT2RM1000269	3.87	2.87	5.12	6.63	9.78	3.87		
15	NT2RM1000271	0.71	0.8	1.87	0.46	2.47	0.51		
	NT2RM1000272	117.67	92.26	202.95	249.32	333.98	356.74	*	+
	NT2RM1000273	10.03	9.45	20.12	22.32	16.68	15.76		
	NT2RM1000274	63.11	66.41	123.01	137.14	91.97	104.48		
20	NT2RM1000280	3.95	4.18	8.18	6.71	8.72	7.93		
	NT2RM1000295	0.49	1	2.2	1.12	3.16	0.87		
	NT2RM1000300	1.51	1.87	2.78	3.63	5.75	3.09		
25	NT2RM1000304	58.38	98.72	161.87	187.58	185.55	204.78	*	+
	NT2RM1000314	1.8	2.12	3.6	3.84	4.07	4.33		
	NT2RM1000318	12.6	14.04	20.81	35.01	29.96	29.8	**	+
	NT2RM1000335	2.76	2.57	4.34	6.29	5.41	4.09		
30	NT2RM1000341	0.46	1.27	1.95	1.41	2.33	0.99		
	NT2RM1000350	3.04	3.47	5.52	7.32	5.63	6.44		
	NT2RM1000354	0.55	1.31	1.31	5.43	7.2	5.72	**	+
35	NT2RM1000355	30.24	31.5	56.85	74.62	50.25	61.33		
	NT2RM1000361	3.63	3.87	7.23	14.39	20.29	18.78	**	+
	NT2RM1000365	0.58	1.08	1.71	1.27	1.82	0.52		
	NT2RM1000372	14.99	19.56	30.06	42.71	46.67	45.44	**	+
40	NT2RM1000377	2.04	2.18	9.66	13.38	14.74	13.48	*	+
	NT2RM1000388	0.35	1.57	3.01	2.2	3.8	2.42		
	NT2RM1000394	0.45	1.31	1.87	1.43	2.72	0.69		
45	NT2RM1000399	0.53	1.57	3.25	1.98	3.2	1.81		
	NT2RM1000407	1.13	1.52	2.17	1.02	2.7	1.51		
	NT2RM1000421	0.84	0.57	2.78	1.06	1.77	1.13		
	NT2RM1000422	20.65	23.31	54.69	87.5	82.91	79.47	*	+
50	NT2RM1000430	1.22	1.57	2.01	3.2	3.67	2.95	**	+
	NT2RM1000462	1.55	2.33	7.32	5.59	7.28	8.16		
	NT2RM1000499	1.36	2.09	4.74	5	6.16	6.37	*	+
55	NT2RM1000512	12.49	13.22	19.22	10.54	14.15	19.84		
	NT2RM1000519	33.96	37.54	55.78	31.14	29.25	47.55		

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	NT2RM1000527	7.97	8.92	37.68	55.15	60.19	46.68	*	+
	NT2RM1000539	3.45	3.59	12.93	15.52	17.01	18.1	*	+
5	NT2RM1000542	0.85	1.05	2.99	1.17	2.35	1.02		
	NT2RM1000553	3.7	2.42	22.32	42.83	42.96	34.5	*	+
	NT2RM1000555	11.3	11.6	23.97	34.11	29.67	22.76		
	NT2RM1000558	2.09	5.34	9.74	9.56	16.24	14.29		
10	NT2RM1000563	1.47	2.42	3.36	4.07	5.58	3.95	*	+
	NT2RM1000566	0.88	1.57	3.5	3.62	6.01	2.79		
	NT2RM1000570	96.92	77.32	137.63	167.35	105.47	174.1		
15	NT2RM1000571	13.21	11.87	22.51	43.87	40.18	28.45	*	+
	NT2RM1000574	0.84	2.15	2.55	2.15	3.07	1.67		
	NT2RM1000580	1.37	2.18	4.07	5.15	7.98	2.96		
	NT2RM1000620	2.61	2.95	8.2	8.35	9.58	7.26		
20	NT2RM1000623	1.25	1.2	2.38	1.75	2.81	0.62		
	NT2RM1000630	0.79	2.28	2.39	1.68	3.51	1.67		
	NT2RM1000633	30.97	39.36	36.34	54.43	44.6	43.59	*	+
25	NT2RM1000634	1.91	4.16	8.12	2.56	7.05	5.57		
	NT2RM1000642	3.85	5.37	8.13	8.21	8.56	8.52		
	NT2RM1000647	41.3	39.09	62.11	57.72	68.29	62.69		
	NT2RM1000648	2.49	2.65	4.61	6.14	5.63	4.51		
30	NT2RM1000650	2.46	3.05	7.6	5.4	6.07	6		
	NT2RM1000661	4.48	5.7	15.82	15.48	13.45	13.18		
	NT2RM1000666	1	1.77	1.99	1.37	2.8	0.71		
35	NT2RM1000669	3.51	2.76	4.67	3.63	5.42	3.28		
	NT2RM1000672	2.23	3.95	7.81	3.98	8.47	7.22		
	NT2RM1000681	99.53	86.09	118.7	105.41	90.59	124.14		
	NT2RM1000691	2.02	2.61	5.74	3.61	7.69	3.76		
40	NT2RM1000698	1.11	1.43	4	6.42	6.29	4.11	*	+
	NT2RM1000699	1.85	2.86	3.17	3.67	4.35	4.15	*	+
	NT2RM1000702	3.71	4.64	9.47	9.31	9.72	11.4		
45	NT2RM1000703	11.56	12.36	25.24	26.72	20.42	21.06		
	NT2RM1000704	24.48	23	32.91	46.54	24.13	40.82		
	NT2RM1000725	60.92	59.45	88.28	94.89	82.36	105.67		
	NT2RM1000726	1.85	2.02	5.75	1.97	4.8	4		
50	NT2RM1000731	1.11	2.24	4.98	2.45	3.47	3.43		
	NT2RM1000741	1.38	1.87	3.16	2.69	4.15	2.9		
	NT2RM1000742	2.61	4.6	7.41	9.55	10.94	9.84	*	+
55	NT2RM1000744	2.1	3.61	7.14	4.05	5.24	5.05		
	NT2RM1000746	2.25	2.47	2.95	2.22	4.01	3.89		

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	NT2RM1000747	23.34	23.92	46.23	44.66	50.12	55.15		
	NT2RM1000752	3.83	2.36	4.62	3.95	4.88	3.46		
5	NT2RM1000767	4.14	7.27	35.27	25.27	38.02	28.81		
	NT2RM1000770	2.97	3.08	6.36	4.71	6.71	5.67		
	NT2RM1000772	0.76	0.7	1.07	1.34	1.69	0.44		
	NT2RM1000779	13.03	12.11	42.22	53.91	45.61	66.73	*	+
10	NT2RM1000780	1.16	2.9	3.74	3.09	4.32	3.01		
	NT2RM1000781	1.07	0.98	1.71	2.58	4.4	1.93		
	NT2RM1000789	5.28	5.15	29.74	29.63	46.72	36.53		
15	NT2RM1000800	2.87	2.63	6.37	5.66	9.57	6.96		
	NT2RM1000802	2.44	2.99	7.5	4.34	5.47	4.82		
	NT2RM1000811	1.78	1.6	2.13	2.26	4.96	2.76		
	NT2RM1000826	6.06	6.36	13.34	14.42	20.73	20.98	*	+
20	NT2RM1000829	3.91	2.87	6.39	6.73	8.48	8.41	*	+
	NT2RM1000831	81.54	64.45	185.14	182.43	179.79	197.27		
	NT2RM1000833	14.58	13.33	42.25	76.74	73.25	67.48	**	+
25	NT2RM1000834	4.06	3.09	6.2	8.49	9.42	10.49	**	+
	NT2RM1000841	12.34	10.01	21.15	34.98	36.63	30.81	**	+
	NT2RM1000848	4.79	4.42	6.44	9.36	12.74	10.45	**	+
	NT2RM1000850	2.66	3.42	13.41	8.55	11.79	9.74		
30	NT2RM1000852	1.34	1.94	3.23	3.01	5.76	2.61		
	NT2RM1000853	1.19	2.85	2.15	3.11	3.26	3.23		
	NT2RM1000855	29.27	24.82	45.19	52.48	45.32	58.45		
35	NT2RM1000857	4.63	5	10.67	8.76	11.3	10.76		
	NT2RM1000858	7.3	7.6	15.86	9.09	11.56	10.93		
	NT2RM1000867	19.42	15.85	28.1	32.52	35.03	24.06		
	NT2RM1000874	3.15	2.65	7.03	5.17	9.62	5.31		
40	NT2RM1000882	2.36	1.37	3.71	5.39	9.31	5.45	*	+
	NT2RM1000883	5.21	3.34	7.42	5.18	11.3	7.9		
	NT2RM1000885	3.86	4.43	9.4	7.59	8.15	9.8		
45	NT2RM1000893	3.15	3.41	8.14	7.73	6.17	8.39		
	NT2RM1000894	3.29	4.4	6.18	8.14	6.11	6.61		
	NT2RM1000898	3.72	7.33	10.02	13.4	17.51	12.41	*	+
	NT2RM1000899	1.02	2.22	3.07	3.68	7.49	4.69		
50	NT2RM1000905	11.92	17.41	30.36	37.19	45.16	37.3	*	+
	NT2RM1000910	7.5	8.78	20.16	36.37	36.98	37.5	**	+
	NT2RM1000914	6.46	7.69	19.74	14.28	17.33	17.77		
55	NT2RM1000919	6.1	3.92	9.91	14.61	17.49	15.37	**	+
	NT2RM1000921	0.72	1.9	3.69	2.79	4.27	3.32		

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	NT2RM1000922	4.7	6.11	8.09	9.03	5.21	6.36		
	NT2RM1000924	0.89	3.03	3.04	3.08	2.89	3		
5	NT2RM1000927	1.35	1.78	-2.85	3.07	4.72	3.46		
	NT2RM1000951	7.95	11.33	26.73	32.33	34.46	31.18	*	+
	NT2RM1000956	7.91	6.36	13.35	23.61	27.46	21.91	**	+
	NT2RM1000960	12.48	10.27	29.06	34.95	37.47	38.96	*	+
10	NT2RM1000961	3.28	3.61	7.45	9.44	13.18	8.11		
	NT2RM1000962	4.14	3.5	8.18	7.59	10.15	9.86		
	NT2RM1000973	16.71	15.79	29.32	31.15	11.56	27.73		
15	NT2RM1000978	0.57	1.46	1.58	0.95	2.64	0.44		
	NT2RM1000982	2.34	2.29	3.52	3.57	4.94	4.54	*	+
	NT2RM1000991	1.61	1.78	4.25	3.88	5.56	5.23		
	NT2RM1000994	6.36	6.16	12.57	16.52	16.64	14.53	*	+
20	NT2RM1001002	5.11	6.69	15.34	21.78	22.69	22.28	*	+
	NT2RM1001003	5.42	5.15	11.98	16.24	9.06	8.46		
	NT2RM1001008	1.4	2.22	2.48	1.83	4.34	4.33		
25	NT2RM1001011	6.29	5.43	7.86	14.4	10.46	14.72	*	+
	NT2RM1001013	2.9	2.75	4.75	8.29	7.96	5.81	*	+
	NT2RM1001017	1	1.82	3.44	3.28	4.86	3.92		
	NT2RM1001018	65.15	74.45	146.86	134.65	125.46	113.93		
30	NT2RM1001026	1.37	2.64	3.17	2.99	4.61	3.31		
	NT2RM1001028	0.98	1.73	2.91	1.74	1.89	0.76		
	NT2RM1001043	4.47	3.64	8.42	11.43	12.7	8.01		
35	NT2RM1001044	2.23	3.17	4.92	5.03	5.51	3.93		
	NT2RM1001059	1.47	3.72	4.12	4.05	6.11	3.02		
	NT2RM1001063	4.11	3.29	6.1	4.22	5.64	5.6		
	NT2RM1001066	0.86	1.85	2.44	2.23	3.99	2.85		
40	NT2RM1001072	1.8	2.8	4.33	1.94	3.74	1.52		
	NT2RM1001074	1.66	2.38	5.18	5.18	4.19	2.67		
	NT2RM1001076	1.39	2.2	4.94	3.43	4.42	1.72		
45	NT2RM1001082	1.79	2.6	5.23	5.31	5.92	4.57		
	NT2RM1001085	1.25	1.65	2.81	1.16	3.27	1.17		
	NT2RM1001092	3.82	4.2	5.57	9.34	7.94	9.82	**	+
	NT2RM1001102	1.7	2.3	4.4	2.49	5.94	4.64		
50	NT2RM1001103	4.37	3.88	7.18	6.25	10.28	8.08		
	NT2RM1001105	1.77	2.02	4.63	2.49	5.11	3.51		
	NT2RM1001112	2.68	2.66	3.69	3.85	4.75	2.43		
55	NT2RM1001115	1.44	1.57	4.72	3	6.46	3.73		
	NT2RM1001122	2.84	3.35	7.3	9.43	9.75	9.54	*	+

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	NT2RM1001136	0.88	1.41	2.71	2.31	3.87	1.59		
	NT2RM1001139	3.9	3.7	5.38	5.33	11.18	6.77		
5	NT2RM2000003	2.45	3.33	2.4	4.5	6.29	4.88	*	+
	NT2RM2000006	2.34	2.95	7.25	5.12	7.11	6.24		
	NT2RM2000010	12.79	13.03	22.58	20.2	17.11	21.83		
	NT2RM2000013	8.1	9.44	50.36	68.75	95.32	74.36	*	+
10	NT2RM2000030	4.8	2.21	23.41	26.33	32.15	28.69		
	NT2RM2000032	2.76	2.92	8.53	10.01	12.19	10.67	*	+
	NT2RM2000039	3.94	4.67	4.75	6.42	5.78	4.99		
15	NT2RM2000042	3.5	4.9	11.69	17.71	17.4	15.02	*	+
	NT2RM2000092	1	2.38	1.98	1.29	4.69	2.25		
	NT2RM2000093	8.37	6.63	11.41	9.02	12.23	10.18		
	NT2RM2000101	9.2	9.94	40	61.09	76.38	69.62	*	+
20	NT2RM2000104	6.82	8.02	46.75	51.34	68.83	43.48		
	NT2RM2000124	1.54	2.23	6.33	7.73	8.84	8.47	*	+
	NT2RM2000155	5.08	3.77	5.8	9.45	11.58	12.51	**	+
25	NT2RM2000191	3.33	5.68	28.62	26.54	34.38	31.6		
	NT2RM2000192	1.03	1.29	2.45	6.3	4.75	3.83	*	+
	NT2RM2000239	1.92	2.79	3.09	2.85	5.02	3.1		
	NT2RM2000240	32.78	29.59	74.35	61.15	60.54	61.71		
30	NT2RM2000241	4.49	5.9	6.35	8.24	11.72	6.78		
	NT2RM2000250	1.29	1.54	4.16	2.09	5.05	2.54		
	NT2RM2000259	3.06	3.42	3.59	6.38	8.44	6.74	**	+
35	NT2RM2000260	2.53	2.05	3.12	4.23	4.07	5.79	*	+
	NT2RM2000265	0.91	1.55	0.99	1.43	2.4	1.09		
	NT2RM2000287	4.7	4.23	10.82	10.69	11.54	14.73		
	NT2RM2000306	12.24	9.36	10.48	23.63	14	20.79	*	+
40	NT2RM2000312	19.4	17.81	25.01	38.39	31.27	24.8		
	NT2RM2000322	1.93	1.82	4.48	3.79	7.05	3.32		
	NT2RM2000343	7.74	8.38	41.34	63.81	79.6	71.12	*	+
45	NT2RM2000359	3.67	2.86	4.95	4.93	9.55	4.72		
	NT2RM2000362	20.09	18.2	62.29	94.88	111.25	95.66	*	+
	NT2RM2000363	1.08	1.89	2.97	4.2	4.32	3.33	*	+
	NT2RM2000368	2.84	2.4	4.74	6.15	5.98	5.29	*	+
50	NT2RM2000371	76.64	65.68	119.32	135.82	125	44.64		
	NT2RM2000374	1.68	1.92	5.75	3.34	4.8	3.58		
	NT2RM2000387	8.98	9.83	11.92	20.02	25.18	17.11	*	+
55	NT2RM2000393	1.7	1.63	3.75	3.31	7.65	3.28		
	NT2RM2000395	1.07	1.51	1.98	1.72	4.34	2.23		

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	NT2RM2000402	12.38	11	15.78	25.15	18.31	22.51	*	+
	NT2RM2000405	1.33	1.25	2.2	1.52	3.08	3.16		
5	NT2RM2000407	0.76	1.78	2.49	1.89	2.72	2.89		
	NT2RM2000410	0.79	1.94	2.23	1.98	2.84	2.09		
	NT2RM2000420	3.09	2.52	4.43	4.24	4.5	3.26		
	NT2RM2000422	3.22	2.44	5.81	3.61	6.17	2.87		
10	NT2RM2000423	1.91	1.96	5.69	3.89	7.64	4.18		
	NT2RM2000452	3.46	3.18	4.31	7.35	8.65	9.57	**	+
	NT2RM2000469	3.28	3.28	4.44	1.87	2.33	2.46	*	-
15	NT2RM2000490	6.03	6.03	9.18	5.55	6.16	6.9		
	NT2RM2000497	3.29	3.29	4.59	3.15	5.48	2.43		
	NT2RM2000502	4.69	4.69	10.24	5.87	7.08	7.02		
	NT2RM2000504	7.37	7.37	12.93	10.83	4.49	11.2		
20	NT2RM2000514	2.75	2.75	6.23	3.11	3.32	3.8		
	NT2RM2000522	1.9	1.9	3.27	1.94	1.18	1.13		
	NT2RM2000540	6.02	6.02	9.53	9.12	8.96	8.14		
25	NT2RM2000556	2.09	2.09	2.8	1.24	2.33	0.93		
	NT2RM2000565	3.35	3.35	6.02	3.27	4.14	3.72		
	NT2RM2000566	6.59	6.59	15.8	9.09	9.21	9.57		
	NT2RM2000567	2.16	2.16	5.64	2	5.67	3.82		
30	NT2RM2000569	4.69	4.69	7.93	5.77	8.18	4.7		
	NT2RM2000577	11.08	11.08	15.39	11.79	14.95	14.48		
	NT2RM2000581	4.64	4.64	6.49	5.98	7.97	6.85		
35	NT2RM2000582	5.23	5.23	10.34	8.34	9.14	7.19		
	NT2RM2000588	21.84	21.84	65.91	40.15	44.01	45.21		
	NT2RM2000589	3.98	3.98	11.35	7.96	7.6	8.64		
	NT2RM2000594	1.87	1.87	4.38	1.62	2.71	1.92		
40	NT2RM2000599	6.34	6.34	16.12	17.82	14.5	15.44		
	NT2RM2000609	4.61	4.61	6.77	3.76	5.81	5.48		
	NT2RM2000612	3.52	3.52	6.4	5.93	7.47	4.55		
45	NT2RM2000622	16.6	16.6	56.24	53.07	75.02	55.48		
	NT2RM2000623	2.66	2.66	7.1	7.92	6.03	5.58		
	NT2RM2000624	4.18	4.18	10.6	7.33	14.39	7.56		
	NT2RM2000632	2.8	2.8	6.73	4.1	6.4	4.73		
50	NT2RM2000635	3.42	3.42	8.09	5.41	6.29	5.31		
	NT2RM2000636	2.61	2.61	6.28	3.99	4.39	3.72		
	NT2RM2000639	3.73	3.73	8.26	5.42	7.79	5.99		
55	NT2RM2000649	6.03	6.03	9.69	9.4	9.17	8.05		
	NT2RM2000658	6.49	6.49	13.18	15.17	14.66	15.83	*	+

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	NT2RM2000660	11.45	11.45	18.34	17.03	7.1	20.16		
	NT2RM2000669	3.6	3.6	6.51	5.28	4.28	6.69		
5	NT2RM2000689	31.07	31.07	59.7	37.03	16.51	70.9		
	NT2RM2000691	2.09	2.09	5.73	4.83	7.13	4.27		
	NT2RM2000714	3.41	3.41	10.97	11.46	14.54	11.3		
	NT2RM2000718	4.08	4.08	7.15	2.88	5.42	4.33		
10	NT2RM2000732	5.38	5.38	14.81	9.49	14.18	8.25		
	NT2RM2000735	3.72	3.72	6.16	4.27	6.55	6.49		
	NT2RM2000740	2.26	2.26	6.2	4.27	3.01	3.71		
15	NT2RM2000743	2.26	2.26	7.89	5.65	3.24	3.89		
	NT2RM2000772	6.43	6.43	8.48	5.24	6.72	9.47		
	NT2RM2000773	8.17	8.17	19.56	19.18	17.96	18.29		
	NT2RM2000776	13.96	13.96	17.16	24.24	9.95	26.76		
20	NT2RM2000784	6.64	6.64	8.8	8.74	9.02	10.5		
	NT2RM2000795	4.35	4.35	13.56	7.44	8.66	10.45		
	NT2RM2000796	2.27	2.27	4.64	1.71	2.31	1.38		
25	NT2RM2000798	25.81	25.81	160.08	158.19	136.83	188.99		
	NT2RM2000801	45.09	45.09	161.29	160.44	152.13	189.56		
	NT2RM2000821	7.53	7.53	12.33	7.37	7.77	11.87		
	NT2RM2000829	5.76	5.76	13.01	8.05	10.13	11.75		
30	NT2RM2000837	3.29	3.29	7.28	4.27	6.08	4.18		
	NT2RM2000924	9.96	9.96	36.74	43.24	57.8	35.84		
	NT2RM2000930	10.64	10.64	18.29	24.45	27.78	28.34	**	+
35	NT2RM2000937	4.35	4.35	8.62	5.08	6.66	6.56		
	NT2RM2000939	1.12	1.12	2.37	2.67	1.84	1.82		
	NT2RM2000942	124.8	124.8	253.61	161.4	118.61	210.11		
	NT2RM2000951	1.01	1.01	2.6	2.13	3.12	1.6		
40	NT2RM2000952	2.53	2.53	5.31	5.98	6.41	6.86	*	+
	NT2RM2000966	19.69	19.69	111.88	95.61	137.32	135.9		
	NT2RM2000973	23.45	23.45	16.81	39.12	39.51	33.8	**	+
45	NT2RM2000983	10.07	10.07	18.59	30.68	39.13	27.52	*	+
	NT2RM2000984	6.48	6.48	7.71	4.88	5.64	5.26	*	-
	NT2RM2000994	8.27	8.27	16.47	13.2	8.36	21.81		
	NT2RM2001004	6.01	6.01	48.58	47.51	54.15	46.8		
50	NT2RM2001022	101.09	101.09	350.92	239.63	304.37	490.04		
	NT2RM2001035	10.75	10.75	24.98	24.17	24.54	34.51		
	NT2RM2001038	5.77	5.77	9.86	10.48	11.75	7.9		
55	NT2RM2001043	4.45	4.45	10.02	5.1	7.41	6.74		
	NT2RM2001050	2.71	2.71	6.89	4.72	5.83	4.03		

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	NT2RM2001055	3.78	3.78	5.89	4.24	6.31	4.7		
	NT2RM2001065	6.17	6.17	15.91	8.51	12.12	14.21		
5	NT2RM2001075	39.81	39.81	188.21	154.65	156.72	168.68		
	NT2RM2001083	2.23	2.23	5.57	4.01	5.8	3.01		
	NT2RM2001100	10.38	10.38	93.67	95.8	113.9	97.52		
	NT2RM2001105	6.34	6.34	8.27	11.35	5.34	11.8		
10	NT2RM2001109	6.81	6.81	9.4	11.88	12.47	14.53	*	+
	NT2RM2001110	7.67	7.67	21.63	21.2	30.71	23.29		
	NT2RM2001126	6.1	6.1	6.53	5.32	6.44	7.27		
15	NT2RM2001131	5.52	5.52	40.22	21.93	29.37	20.14		
	NT2RM2001141	1.64	1.64	6.84	7.09	6.4	5.45		
	NT2RM2001152	1.63	1.63	3.27	4.42	5.77	3.02		
	NT2RM2001177	3.42	3.42	7.23	10.28	7.25	8.24		
20	NT2RM2001194	2.74	2.74	7.51	6.68	5.77	8.17		
	NT2RM2001195	3.7	3.7	8.8	6.37	7.13	6.89		
	NT2RM2001196	5.24	5.24	6.35	5.19	6.46	4.64		
25	NT2RM2001201	14.45	14.45	25.36	20.02	21.68	22.38		
	NT2RM2001221	4.22	4.22	8.61	11.69	13.61	16.63	*	+
	NT2RM2001238	2.87	2.87	5.65	3.91	3.88	1.96		
	NT2RM2001243	5.39	5.39	8.98	9.81	6.13	6.53		
30	NT2RM2001244	3.91	3.91	10.63	6.58	9.24	6.41		
	NT2RM2001247	14.94	14.94	121.59	110.47	140.27	118.79		
	NT2RM2001256	3.84	3.84	5.23	3.15	3.26	2.96		
35	NT2RM2001269	4.4	4.4	5.98	4.8	5.63	4.74		
	NT2RM2001278	5.28	5.28	7.37	8.45	8.56	5.35		
	NT2RM2001291	3.05	3.05	5.18	3.24	4.62	2.9		
	NT2RM2001294	12.47	12.47	24.39	20.08	15.43	17.81		
40	NT2RM2001295	2.56	2.56	8.82	4.54	4.43	4.99		
	NT2RM2001302	2.38	2.38	4.55	2.3	4.5	2.81		
	NT2RM2001306	3.51	3.51	7.62	4.1	4.46	5.14		
45	NT2RM2001312	2.34	2.34	3.72	1.92	2.84	1.68		
	NT2RM2001319	2.76	2.76	3.93	3.61	5.29	4.11		
	NT2RM2001324	3.73	3.73	8.29	5.48	4.9	5.71		
	NT2RM2001345	8.53	8.53	10.01	6.83	11.12	14.14		
50	NT2RM2001360	4.02	4.02	6.36	5.67	5.9	5.46		
	NT2RM2001370	5.75	5.75	14.53	8.56	9.86	11.69		
	NT2RM2001391	1.79	1.79	6.07	1.85	5.04	1.65		
55	NT2RM2001393	4.49	4.49	6.39	5.12	7.91	7.14		
	NT2RM2001420	2.94	2.94	4.61	2.61	3.62	3.14		

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	NT2RM2001423	5.44	5.44	9.53	8.64	11.95	11.36		
	NT2RM2001424	5.88	5.88	15.09	11.77	10.31	11.63		
5	NT2RM2001482	2.24	2.24	-6.48	3.5	6.06	3.63		
	NT2RM2001499	1.4	1.4	5.81	2.84	4.3	2.17		
	NT2RM2001504	3.63	3.63	6.99	3.2	4.54	1.68		
10	NT2RM2001524	2.51	2.51	5.81	2.34	2.22	3.51		
	NT2RM2001530	2.56	2.56	4.42	2.68	4.35	3.52		
	NT2RM2001533	5.06	5.06	9.09	8.2	9.18	7.84		
	NT2RM2001540	5.77	5.77	8.36	14.57	17.99	27.1	*	+
15	NT2RM2001544	2.4	2.4	6.12	3.7	3.72	2.31		
	NT2RM2001547	6.6	6.6	15.29	8.44	7.61	8.24		
	NT2RM2001558	1.53	1.53	3.44	1.76	4.87	1.71		
	NT2RM2001575	2.45	2.45	4.57	3.36	4.38	2.29		
20	NT2RM2001582	2.99	2.99	4.98	2.2	5.16	3.06		
	NT2RM2001588	3.69	3.69	8.8	6.39	9.14	6.6		
	NT2RM2001592	2.66	2.66	6.2	3.1	5.24	4.64		
25	NT2RM2001603	4.74	4.74	8.7	10.42	12.03	11.77	*	+
	NT2RM2001605	1.74	1.74	4.52	3.08	1.51	2.39		
	NT2RM2001611	2.28	2.28	8.63	3.74	3.34	3.51		
	NT2RM2001613	14.91	14.91	32.53	21.51	13.13	27.42		
30	NT2RM2001626	2.45	2.45	3.08	2.1	4.28	2.06		
	NT2RM2001632	4.93	4.93	7.07	4.67	4.88	5.42		
	NT2RM2001633	4.45	4.45	10.39	3.74	5.15	5.43		
35	NT2RM2001635	4.33	4.33	9.54	4.3	5.81	4.7		
	NT2RM2001636	4.88	4.88	7.35	12.75	18.11	13.34	**	+
	NT2RM2001637	1.25	1.25	6.48	4.18	3.68	2.51		
	NT2RM2001639	3.98	3.98	9.32	4.67	4.33	3.29		
40	NT2RM2001641	1.63	1.63	4.69	4.84	6.02	2.71		
	NT2RM2001643	2.78	2.78	7.46	4.79	4.4	2.83		
	NT2RM2001648	12.97	12.97	18.91	20.13	17.07	25.5		
45	NT2RM2001652	6.32	6.32	5.65	4.29	8.13	4.46		
	NT2RM2001659	5.78	5.78	9.17	5.73	5.28	6.95		
	NT2RM2001660	3.44	3.44	3.86	2.08	2.29	2.63	**	-
	NT2RM2001664	1.24	1.24	6.12	4.51	4.89	4.8		
50	NT2RM2001668	3.72	3.72	8.16	7.66	5.72	7.02		
	NT2RM2001670	1.62	1.62	4.11	2.88	3.96	3.56		
	NT2RM2001671	2.67	2.67	5.57	3.9	6.46	4.85		
55	NT2RM2001675	1.94	1.94	4.28	1.97	3.73	0.64		
	NT2RM2001681	2.47	2.47	5.91	3.13	4.64	3.39		

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	NT2RM2001685	4.58	4.58	5.68	1.29	2.72	1.14	**	-
	NT2RM2001688	5.46	5.46	4.14	3.11	3.82	2.46	*	-
5	NT2RM2001695	15.09	15.09	35.18	17.41	19.26	34.51		
	NT2RM2001696	2.74	2.74	6.64	7.15	6.7	6.8		
	NT2RM2001698	1.44	1.44	3	4.06	3.49	1.65		
	NT2RM2001699	1.63	1.63	5.03	4.19	3.75	5.48		
10	NT2RM2001700	1.65	1.65	4.13	2.56	3.37	3.91		
	NT2RM2001704	2.68	2.68	5.46	3.89	3.85	3.99		
	NT2RM2001706	4.29	4.29	6.77	3.33	3.13	3.32		
15	NT2RM2001714	6.48	6.48	6.64	5.62	7.33	5.18		
	NT2RM2001716	0.97	0.97	3.7	3.03	5.49	2.92		
	NT2RM2001718	1.91	1.91	3.47	5	3.5	3		
	NT2RM2001723	2.09	2.09	5.48	5.1	5.21	5.71		
20	NT2RM2001727	3.08	3.08	6.25	7.51	7.28	5.7		
	NT2RM2001730	3.52	3.52	7.15	5.04	5.43	3.85		
	NT2RM2001738	4.56	4.56	6.2	6.71	10.25	9.08	*	+
25	NT2RM2001743	2.95	2.95	5.81	4.39	5.02	4.46		
	NT2RM2001753	5.98	5.98	7.55	5.72	6.09	4.54		
	NT2RM2001755	0.89	0.89	2.82	2.4	2.83	2.67		
	NT2RM2001760	14.77	14.77	33.17	27.49	25.48	36.23		
30	NT2RM2001765	1.35	1.35	1.71	2.45	3.12	2.03	*	+
	NT2RM2001767	12.04	12.04	120.66	148.84	168.4	146.29	*	+
	NT2RM2001768	2.1	2.1	3.59	3.41	4.21	3.05		
35	NT2RM2001771	4.82	4.82	5.65	7.15	5.97	5.05		
	NT2RM2001778	2.89	2.89	4.09	2.34	3.24	1.48		
	NT2RM2001782	5.32	5.32	7.32	4.96	7.71	7.57		
	NT2RM2001784	0.84	0.84	2.19	2.81	2.5	1.41		
40	NT2RM2001785	1.35	1.35	4.11	5.5	5.02	2.76		
	NT2RM2001792	6.03	6.03	8.53	5.49	5.54	5.76		
	NT2RM2001795	3.97	3.97	6.15	7.62	5.96	8.9		
45	NT2RM2001797	2.82	2.82	3.78	5	5.94	2.71		
	NT2RM2001800	3.46	3.46	4.26	5.01	4.03	5.24		
	NT2RM2001803	3.5	3.5	6.61	4.46	7.34	2.44		
	NT2RM2001805	3.65	3.65	3.21	2.53	4.2	1.71		
50	NT2RM2001806	7.34	7.34	17.96	15.62	15.23	21.11		
	NT2RM2001813	1.54	1.54	2.05	2.54	1.88	2.32		
	NT2RM2001814	2.46	2.46	4.71	3.52	2.89	4.42		
55	NT2RM2001818	1.21	1.21	2.66	0.97	1.48	0.27		
	NT2RM2001823	1.4	1.4	3.24	1.87	2.46	1.37		

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	NT2RM2001825	14.79	14.79	36.08	34.68	34.2	35.81		
	NT2RM2001832	5.93	5.93	6.1	5.19	5.48	2.93		
5	NT2RM2001839	67.48	67.48	123.46	152.63	157.11	121.35		
	NT2RM2001840	3.04	3.04	7.13	4.61	5.11	5.37		
	NT2RM2001851	3.92	3.92	7.61	3.78	4.74	6.49		
	NT2RM2001855	8.21	8.21	11.51	10.22	12.06	15.41		
10	NT2RM2001867	2.82	2.82	5.01	2.83	5.62	3.74		
	NT2RM2001869	60.8	60.8	90.58	101.19	79.67	105.32		
	NT2RM2001879	3.01	3.01	6.99	2.55	3.19	2.66		
15	NT2RM2001883	1.52	1.52	3.26	0.98	2.28	0.73		
	NT2RM2001886	1.57	1.57	4.56	2.48	3.51	2.42		
	NT2RM2001887	3.78	3.78	7.66	4.48	4.97	5.73		
	NT2RM2001896	274.2	274.2	378.57	325.68	216.52	497.31		
20	NT2RM2001902	1.92	1.92	4.28	1.31	2.92	2.14		
	NT2RM2001903	16.25	16.25	42.55	35.47	31.71	37.22		
	NT2RM2001930	2.11	2.11	6.3	2.3	5.86	5.44		
25	NT2RM2001935	4.16	4.16	5.04	3.16	4.42	5.87		
	NT2RM2001936	2.81	2.81	4.9	2.99	3.44	4		
	NT2RM2001939	3.56	3.56	3.34	1.82	3.01	3.16		
	NT2RM2001941	1.84	1.84	4.29	2.84	2.82	2.72		
30	NT2RM2001950	4.66	4.66	10	6.01	6	8.69		
	NT2RM2001952	2.67	2.67	4.78	2.49	4.55	5.37		
	NT2RM2001976	11.48	11.48	18.2	14.58	11.46	35.27		
35	NT2RM2001982	1.85	1.85	3.91	2.04	2.47	1.88		
	NT2RM2001983	4.45	4.45	8.36	4.18	6.49	7.54		
	NT2RM2001984	7.74	7.74	8.88	20.06	27.05	22.95	**	+
	NT2RM2001989	2.72	2.72	3.68	2.99	4.26	3.7		
40	NT2RM2001996	7.51	7.51	8.09	4.8	8.01	5.29		
	NT2RM2001997	3.65	3.65	7.29	3.18	5.09	6.78		
	NT2RM2001998	2.24	2.24	5.07	3.33	6.53	3.96		
45	NT2RM2001999	4.86	4.86	7.69	6.88	6.02	4.01		
	NT2RM2002003	11.33	11.33	18.17	10.15	11	14.9		
	NT2RM2002004	1.99	1.99	5.79	2.51	2.09	1.9		
	NT2RM2002009	5.35	5.35	9.03	9.85	11.04	11.09	*	+
50	NT2RM2002014	2.62	2.62	3	3.65	4.47	4.03	**	+
	NT2RM2002019	25.1	25.1	38.52	19.47	14.2	16.35		
	NT2RM2002029	12.92	12.92	19.01	10.82	4.88	14.74		
	NT2RM2002030	4.15	4.15	5.8	13.54	9.71	21.98	*	+
55	NT2RM2002034	22.05	22.05	31.76	24.83	20.89	21.04		

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	NT2RM2002049	7.4	7.4	12.12	9.76	10.42	13.22		
	NT2RM2002055	2.8	2.8	8.01	1.91	4.03	2.52		
5	NT2RM2002072	9.26	9.26	12.88	12.28	19.12	12.82		
	NT2RM2002088	4.82	4.82	13.85	11.35	11.7	15.28		
	NT2RM2002091	4.98	4.98	8.44	5.92	3.82	4.61		
	NT2RM2002100	3.26	3.26	6.05	4.82	4.24	3.19		
10	NT2RM2002109	1.31	1.31	3.57	2.57	4.88	4.92		
	NT2RM2002126	21.41	21.41	32.24	35.28	22.31	31.52		
	NT2RM2002128	3.7	3.7	5.17	2.74	3.86	2.41		
15	NT2RM2002129	6.43	6.43	11.48	8.53	13.03	10.66		
	NT2RM2002142	5.72	5.72	9.74	5.26	8.91	6.4		
	NT2RM2002144	3.27	3.27	3.76	1.85	1.73	1.62	**	-
	NT2RM2002145	2.63	2.63	8.69	6.1	5.18	5.98		
20	NT2RM2002153	2.61	2.61	6.37	6.31	7.62	5.75		
	NT2RM2002163	0.97	0.97	3.41	1.87	3.4	0.64		
	NT2RM2002170	3.28	3.28	7.03	6.62	7.5	7.65		
25	NT2RM2002178	3.99	3.99	3.67	3.5	5.48	2.9		
	NT2RM2002179	7.82	7.82	8.69	6.17	8.15	6.02		
	NT2RM2002270	4.51	4.51	4.56	2.28	1.76	1.67	**	-
	NT2RM2002326	2.47	2.47	3.86	2.13	3.69	2.34		
30	NT2RM2002337	1.88	1.88	3.97	5.4	4.22	4.79	*	+
	NT2RM2002339	2.83	2.83	6.29	5.26	5.22	3.85		
	NT2RM2002345	5.16	5.16	6.03	4.04	4.2	4.21	*	-
35	NT2RM2002368	2.43	2.43	5.86	6.05	7.01	4.96		
	NT2RM2002381	2.23	2.23	5.16	3.47	3.65	2.8		
	NT2RM2002424	4.64	4.64	7.1	6.69	8.5	6.3		
	NT2RM2002450	4.17	4.17	3.87	2.29	2.39	1.87	**	-
40	NT2RM2002482	3.93	3.93	4.65	2.66	3.2	3.79		
	NT2RM2002492	9.39	9.39	24.31	29.13	24.65	29.29		
	NT2RM2002575	3.26	3.26	5.23	5.99	6.03	5.07		
45	NT2RM2002580	4.23	4.23	4.68	4.82	7.79	7.42		
	NT2RM2002592	7.7	7.7	12.59	13.07	15.28	14.69	*	+
	NT2RM2002608	27.33	27.33	45.49	57.07	65.96	48.3	*	+
	NT2RM2002615	6.01	6.01	9.38	13.15	20.32	14.42	*	+
50	NT2RM2002622	14.35	14.35	16.22	18.38	24.99	13.44		
	NT2RM2002630	4.86	4.86	6.63	8.05	7.37	6.7		
	NT2RM2002634	1.72	1.72	4.66	4.71	4.6	3.94		
55	NT2RM2002645	27.02	27.02	68.46	30.66	14.59	31.46		
	NT2RM2002646	12.09	12.09	25.03	29.45	22.88	34.8		

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	NT2RM2002647	7.68	7.68	17.56	19.5	17.74	23.44		
	NT2RM2002652	5.11	5.11	4.71	4.3	6.43	3.73		
5	NT2RM2002692	4.59	4.59	4.48	2.5	2.86	2.02	**	-
	NT2RM2002721	30.26	30.26	46.01	62.71	84.18	61.02	*	+
	NT2RM2002748	18.37	18.37	43.62	87.35	119.27	102.35	**	+
	NT2RM2002764	2.28	2.28	5.3	5.05	5.95	4.07		
10	NT2RM2002772	3.15	3.15	9.32	9.66	7.81	5.44		
	NT2RM2002811	5.79	5.79	12.3	14.01	9.18	10.45		
	NT2RM2002818	2.03	2.03	7.94	5.86	5.42	7.13		
15	NT2RM2002879	4.21	4.21	7.17	8.39	7.87	9.11	*	+
	NT2RM2002979	11.79	11.79	19.66	24.49	23.23	21.79	*	+
	NT2RM2002981	4.42	4.42	3.78	3.58	4.95	2.63		
	NT2RM2002995	5.13	5.13	3.29	3.42	3.74	3.5		
20	NT2RM2003031	1.37	1.37	2.63	3	2.58	1.9		
	NT2RM2003042	4.1	4.1	10.77	10.59	6.02	6.07		
	NT2RM2003044	1.88	1.88	4.11	2.13	5.11	1.2		
25	NT2RM2003090	4.4	4.4	7.64	9.36	7.91	10.68	*	+
	NT2RM2003095	11.98	11.98	25.25	15.63	16.43	19.04		
	NT2RM2003116	11.16	11.16	16.09	17.96	21.43	22.08	*	+
	NT2RM2003222	3.98	3.98	3.63	2.67	3.64	2.35		
30	NT2RM2003224	11.29	11.29	15.33	24.29	29.77	20.76	*	+
	NT2RM2003250	14.18	14.18	86.06	85.79	96.6	94.15		
	NT2RM2003258	4.59	4.59	6.32	6.54	5.11	5.69		
35	NT2RM2003262	5.07	5.07	7.33	5.06	7.76	5.72		
	NT2RM4000023	2.15	2.15	7.02	3.57	4.91	4.29		
	NT2RM4000024	2.28	2.28	6.78	3.17	4.98	4.33		
	NT2RM4000027	4.74	4.74	7.77	4.85	6.94	11.32		
40	NT2RM4000030	2.95	2.95	5.73	3.16	4.9	2.64		
	NT2RM4000033	2.51	2.51	4.77	2.36	3.89	4.61		
	NT2RM4000034	1.93	1.93	5.35	3.74	4.84	6.09		
45	NT2RM4000046	1.37	1.37	3.79	1.57	3.5	2.32		
	NT2RM4000052	1.82	1.82	3.55	1.72	2.96	1.98		
	NT2RM4000054	10.43	10.43	13.85	12.07	12.83	24.7		
	NT2RM4000061	1.65	1.65	4.17	1.66	4.54	0.83		
50	NT2RM4000074	15.83	15.83	43.57	27.9	34.24	30.79		
	NT2RM4000085	5.35	5.35	10.1	8.41	10.19	10.17		
	NT2RM4000086	3.06	3.06	4.5	3.84	5.25	3.71		
55	NT2RM4000100	6.62	6.62	15.05	12.74	15.6	14.84		
	NT2RM4000101	3.77	3.77	9.11	7.17	7.71	8.78		

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	NT2RM4000102	32.35	32.35	42.47	27.24	19.34	70.54		
	NT2RM4000104	2.78	2.78	7.13	3.41	5.12	4.3		
5	NT2RM4000115	2.87	2.87	6.1	3.91	5.86	4.08		
	NT2RM4000129	2.17	2.17	4.75	2.62	3.48	2.18		
	NT2RM4000139	3.17	3.17	3.31	3.58	4.82	6.49		
	NT2RM4000149	2.74	2.74	1.49	2.41	2.55	7.32		
10	NT2RM4000155	2.73	2.73	5.5	2.13	4.51	3.71		
	NT2RM4000156	5.94	5.94	16.74	20.45	21	21.96	*	+
	NT2RM4000167	1.36	1.36	2.58	2.61	4.34	1.75		
15	NT2RM4000169	9.95	9.95	36.53	29.12	24.89	23.57		
	NT2RM4000191	4.29	4.29	7.56	5.49	5.57	5.66		
	NT2RM4000197	2.73	2.73	4.78	1.83	3.86	2.2		
	NT2RM4000198	3.38	3.38	7.42	5.26	5.45	4.21		
20	NT2RM4000199	2	2	3.51	2.8	4	3.76		
	NT2RM4000200	0.67	0.67	3.19	2.25	1.84	1.2		
	NT2RM4000202	1	1	3.24	2.11	2.42	1.84		
25	NT2RM4000210	1.46	1.46	3.72	2.41	3.08	2.21		
	NT2RM4000215	2.54	2.54	5.43	3.3	4.09	3.06		
	NT2RM4000220	6.42	6.42	10.52	8.68	11.08	15.14		
	NT2RM4000229	3.26	3.26	6.62	1.46	2.34	1.76		
30	NT2RM4000231	6.37	6.37	7.06	6.13	7.85	6.24		
	NT2RM4000233	4.83	4.83	17.3	11.9	14.34	13.4		
	NT2RM4000244	2.35	2.35	5.22	3.86	4.14	5.17		
35	NT2RM4000251	3.85	3.85	10.97	4.82	6.52	4.59		
	NT2RM4000255	2.28	2.28	4.7	3.79	4.89	1.42		
	NT2RM4000265	2.23	2.23	5.69	4.29	8.21	1.99		
	NT2RM4000283	18.14	18.14	26.21	37.17	39.88	44.79	**	+
40	NT2RM4000284	13.85	13.85	33.72	31.96	42.88	40.67		
	NT2RM4000290	6.31	6.31	7.76	3.77	4.92	4	*	-
	NT2RM4000295	2.36	2.36	2.16	2.32	2.13	0.88		
45	NT2RM4000306	3.79	3.79	7.76	7.1	6.14	5.02		
	NT2RM4000307	5.04	5.04	9.13	9.95	9.99	11.72	*	+
	NT2RM4000309	2.48	2.48	5.34	3.92	6.52	5.52		
	NT2RM4000313	3.92	3.92	9.61	5.75	7.77	8.52		
50	NT2RM4000318	3.38	3.38	6.87	4.35	6.36	3.28		
	NT2RM4000324	4.93	4.93	5.93	2.79	4.98	2.12		
	NT2RM4000326	5.32	5.32	4.61	2.59	2.45	2.01	**	-
55	NT2RM4000327	4.97	4.97	10.95	7.94	10.32	7.71		
	NT2RM4000344	5.46	5.46	16.67	11.16	10.17	19.18		

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	NT2RM4000349	3.68	3.68	9.99	11.87	10.88	13.8	*	+
	NT2RM4000354	1.65	1.65	3.13	4.2	4.31	3.1		
5	NT2RM4000356	1.5	1.5	-3.11	2.5	4.07	1.64		
	NT2RM4000366	15.75	15.75	44.48	38.81	44.07	58.06		
	NT2RM4000368	3.04	3.04	5.9	4.36	5.48	3.48		
	NT2RM4000373	6.49	6.49	12.29	12.72	15.96	16.47	*	+
10	NT2RM4000386	4.92	4.92	4.71	3.81	4.57	4.6		
	NT2RM4000395	2.7	2.7	4.69	6.36	6.51	5.68	*	+
	NT2RM4000414	1	1	2.76	2.38	2.9	2.19		
15	NT2RM4000417	1.66	1.66	2.83	3.9	3.95	3.25	*	+
	NT2RM4000421	2.99	2.99	5.17	4.96	5.47	4.13		
	NT2RM4000425	10.56	10.56	26.8	26.49	31.48	45.28		
	NT2RM4000433	2.78	2.78	5.39	1.67	2.21	1.79		
20	NT2RM4000436	3.8	3.8	9.47	11.84	16.75	16.38	*	+
	NT2RM4000444	4.51	4.51	12.97	7.29	8.54	7.38		
	NT2RM4000457	3.35	3.35	8.69	13.35	12.38	13.25	*	+
25	NT2RM4000471	1.73	1.73	4.01	4.17	4.87	2.49		
	NT2RM4000472	2.2	2.2	7.62	6.64	7.61	5.39		
	NT2RM4000486	2.98	2.98	5.92	6.85	7.54	6		
	NT2RM4000490	3.85	3.85	6.41	7.16	5.1	5.86		
30	NT2RM4000496	3.68	3.68	3.86	2.16	2.36	2.04	**	-
	NT2RM4000505	26.85	26.85	60.33	68.9	80.59	70.67	*	+
	NT2RM4000511	22.8	22.8	45.35	64.6	89.95	75.97	*	+
35	NT2RM4000514	2.61	2.61	6.75	10.47	7.53	9.25	*	+
	NT2RM4000515	3.75	3.75	8.81	7.27	7.94	4.66		
	NT2RM4000517	34.51	34.51	74.2	76.45	53.07	79.47		
	NT2RM4000520	2.24	2.24	3.08	3.21	3.3	5.49		
40	NT2RM4000531	2.76	2.76	5.71	4.41	5.5	4.22		
	NT2RM4000532	3.03	3.03	5.56	2.72	3.54	2.39		
	NT2RM4000533	3.55	3.55	5.43	4.73	6.98	3.23		
45	NT2RM4000534	5.17	5.17	2.92	2.73	4.62	1.94		
	NT2RM4000563	5.21	5.21	16.69	17.05	16.8	19.36		
	NT2RM4000566	1.79	1.79	4.6	7.14	5.27	7.91	*	+
	NT2RM4000568	10.48	10.48	19.4	28.18	22.91	33.06	*	+
50	NT2RM4000585	1.97	1.97	2.52	0.82	1.99	1.26		
	NT2RM4000587	3.88	3.88	6.15	6.66	5.75	5.15		
	NT2RM4000590	3.73	3.73	4.12	1.64	2.48	2.3	**	-
55	NT2RM4000593	4.46	4.46	7.83	10.21	12.36	7.45		
	NT2RM4000595	3.94	3.94	3.91	2.27	4.36	2.45		

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	NT2RM4000603	4.18	4.18	6.98	6.95	7.23	7.26		
	NT2RM4000611	9.81	9.81	18.02	17.1	17.38	25.49		
5	NT2RM4000616	2.05	2.05	6.19	2.73	4.14	4.53		
	NT2RM4000621	26.04	26.04	70.86	57.5	62.2	59.07		
	NT2RM4000648	2.78	2.78	7.83	2.66	2.67	3.88		
	NT2RM4000649	5.53	5.53	11.03	7.34	8.4	13.12		
10	NT2RM4000658	3.22	3.22	8.18	4.22	6.14	8.14		
	NT2RM4000661	57.68	57.68	140.68	141.09	135.49	177.49		
	NT2RM4000673	3.02	3.02	5.72	3.69	3.8	4.59		
15	NT2RM4000674	2.23	2.23	4.27	2.89	2.63	2.99		
	NT2RM4000689	3.81	3.81	6.47	5.34	6.36	7.74		
	NT2RM4000698	14.85	14.85	20.92	25.12	23.66	26.39	*	+
	NT2RM4000700	2.39	2.39	5.53	2.41	6.95	5.61		
20	NT2RM4000701	10.07	10.07	54.36	61.81	67.75	63.17		
	NT2RM4000712	3.5	3.5	7.9	5.97	8.03	9.55		
	NT2RM4000717	2.14	2.14	6.66	3.67	2.94	4.3		
25	NT2RM4000733	4.37	4.37	7.8	4.16	6.93	11.03		
	NT2RM4000734	2.17	2.17	5.92	2.35	5.23	4.7		
	NT2RM4000741	2.14	2.14	6.11	3.59	4.75	4.66		
	NT2RM4000744	1.76	1.76	7.05	2.76	4.4	10.18		
30	NT2RM4000749	15.53	15.53	23.13	26.26	27.8	34.67	*	+
	NT2RM4000751	2.88	2.88	6.54	6.23	6.11	5.94		
	NT2RM4000752	4.11	4.11	4.88	4.78	5.12	38.58		
35	NT2RM4000760	3.5	3.5	9.69	4.54	6.31	5.26		
	NT2RM4000761	237.9	237.9	478.3	219.65	302.54	336.34		
	NT2RM4000764	66.05	66.05	178	212.33	205.98	232.75	*	+
	NT2RM4000768	6.11	6.11	11.21	15.56	10.14	21.17		
40	NT2RM4000778	1.6	1.6	4.7	4.27	5.18	6.18		
	NT2RM4000779	4.52	4.52	8.28	6.87	7.19	7.33		
	NT2RM4000787	2.55	2.55	7.49	3.64	4.9	4.53		
45	NT2RM4000790	2.99	2.99	5.03	5.47	5.82	12.06		
	NT2RM4000795	1.99	1.99	3.67	2.36	1.2	2.51		
	NT2RM4000796	3.26	3.26	5.86	4.29	3.48	4.28		
	NT2RM4000798	1.77	1.77	5.53	3.72	3.08	3.47		
50	NT2RM4000800	4.15	4.15	8.16	8.7	9.44	9.06		
	NT2RM4000813	3.31	3.31	8.79	7.14	7.95	10.09		
	NT2RM4000820	4.89	4.89	9.14	5.39	6.27	5.44		
55	NT2RM4000827	7.1	7.1	18.55	16.3	15.8	17.88		
	NT2RM4000830	3.27	3.27	7.35	5.28	7.8	8.38		

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	NT2RM4000833	2. 51	2. 51	6. 84	4. 48	3. 35	4. 87		
	NT2RM4000841	4	4	15	10. 57	8. 84	10. 1		
5	NT2RM4000846	1. 66	1. 66	8. 83	4. 74	6. 83	5. 09		
	NT2RM4000848	2. 61	2. 61	5. 75	4. 15	6. 32	3. 12		
	NT2RM4000852	3. 89	3. 89	9. 81	8. 16	8. 67	8. 29		
	NT2RM4000855	5. 12	5. 12	7. 64	5. 99	6. 08	7. 19		
10	NT2RM4000859	11. 18	11. 18	16. 28	16. 48	19. 12	17. 62		
	NT2RM4000868	3. 06	3. 06	6. 47	5. 23	6. 91	7. 05		
	NT2RM4000870	4	4	9. 82	7. 06	3. 87	6. 59		
15	NT2RM4000879	1. 67	1. 67	6	4. 15	3. 31	3. 11		
	NT2RM4000882	18. 99	18. 99	28. 36	20. 33	16. 5	12. 55		
	NT2RM4000887	2. 16	2. 16	6. 01	3. 53	4. 91	1. 6		
	NT2RM4000895	2. 33	2. 33	5. 33	3. 16	5. 9	3. 08		
20	NT2RM4000897	5. 78	5. 78	6. 99	8. 89	9. 73	7. 02		
	NT2RM4000901	5. 22	5. 22	6. 41	4. 37	6. 2	6. 12		
	NT2RM4000950	4. 04	4. 04	5. 09	3. 57	4. 06	2. 91		
25	NT2RM4000965	2. 89	2. 89	4. 54	5. 98	4. 04	6. 18		
	NT2RM4000971	2. 49	2. 49	4. 78	4. 84	4. 29	7. 62		
	NT2RM4000979	5. 16	5. 16	12. 71	10. 23	10. 46	7. 87		
	NT2RM4000987	1. 9	1. 9	4. 59	3. 64	4. 22	3. 21		
30	NT2RM4000989	2. 51	2. 51	5. 17	4. 2	5. 16	4. 99		
	NT2RM4000991	3. 1	3. 1	4. 83	2. 87	3. 53	8. 73		
	NT2RM4000992	3. 39	3. 39	5. 41	3. 6	4. 54	3. 19		
35	NT2RM4000996	6. 22	6. 22	7. 86	7. 14	8	7. 28		
	NT2RM4000997	3. 53	3. 53	13. 96	9. 81	10. 96	10. 89		
	NT2RM4001001	26. 06	26. 06	55. 43	37. 67	34. 22	54. 29		
	NT2RM4001002	5. 13	5. 13	11. 03	11. 54	11. 33	19. 44		
40	NT2RM4001016	1. 63	1. 63	2. 73	4. 07	5. 31	3. 76	*	+
	NT2RM4001025	65. 77	65. 77	133. 97	148. 39	181. 87	171. 5	*	+
	NT2RM4001027	2. 49	2. 49	3. 66	1. 67	1. 77	4. 31		
45	NT2RM4001032	2. 55	2. 55	6. 74	4. 94	5. 46	3. 84		
	NT2RM4001047	3. 87	3. 87	3. 7	2. 61	2. 73	2. 7	**	-
	NT2RM4001049	3. 97	3. 97	10. 12	18. 29	20. 63	26. 25	**	+
	NT2RM4001051	2. 72	2. 72	12. 54	11. 17	10. 12	13. 68		
50	NT2RM4001052	14. 95	14. 95	72. 14	75. 49	75. 01	79. 12		
	NT2RM4001053	14. 96	14. 96	39. 3	41. 36	28. 95	25. 87		
	NT2RM4001054	3. 13	3. 13	5. 17	5. 34	5. 69	5. 01		
55	NT2RM4001059	3. 65	3. 65	6. 37	4. 91	3. 52	4. 48		
	NT2RM4001071	4. 03	4. 03	7. 35	6. 8	7. 34	6. 55		

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	NT2RM4001084	8.04	8.04	6.52	9.49	10.53	9.53	*	+
	NT2RM4001092	12.61	12.61	109.97	76.93	98.78	73.14		
5	NT2RM4001100	6.72	6.72	20.93	22.35	15.18	18.98		
	NT2RM4001116	1.17	1.17	2.5	2.77	2.96	2.16		
	NT2RM4001119	1.74	1.74	4.82	4.72	4.22	4.15		
	NT2RM4001140	2.65	2.65	7.49	8.27	7.78	9.03		
10	NT2RM4001148	6.59	6.59	13.68	12.1	12.92	15.83		
	NT2RM4001151	3.7	3.7	4.31	1.94	3.65	1.68		
	NT2RM4001155	5.51	5.51	6.36	3.55	5.37	4.63		
15	NT2RM4001157	1.68	1.68	4.95	4.86	2.81	3.82		
	NT2RM4001160	1.57	1.57	3.39	2.99	1.9	2.41		
	NT2RM4001163	42.35	42.35	86.27	106.63	52.13	98.56		
	NT2RM4001187	2.64	2.64	7.25	3.96	4.87	5.2		
20	NT2RM4001191	3.2	3.2	9.95	8.59	6.36	8.72		
	NT2RM4001200	3.83	3.83	6.35	5.52	4.41	4.11		
	NT2RM4001203	9.93	9.93	20.29	22.65	25.36	21.82		
25	NT2RM4001204	3.23	3.23	3.59	3.17	2.83	2.6		
	NT2RM4001217	4.62	4.62	12.16	11.26	13.39	13.72		
	NT2RM4001245	7.31	7.31	17.14	13.76	14.49	17.16		
	NT2RM4001247	3.23	3.23	9.1	5.73	6.57	5.03		
30	NT2RM4001256	2.51	2.51	6.39	3.57	5.48	4.14		
	NT2RM4001258	8.2	8.2	24.68	25.02	24.16	22.89		
	NT2RM4001267	3.43	3.43	4.83	3.93	4.3	8.08		
35	NT2RM4001273	4.23	4.23	8.38	7.39	6.96	8.77		
	NT2RM4001281	4	4	10.54	10.15	9.05	10		
	NT2RM4001286	345.27	345.27	526.77	215.2	220.51	552.53		
	NT2RM4001290	23.51	23.51	61.5	56.51	48.6	59.58		
40	NT2RM4001309	2.64	2.64	6.81	3.17	5.42	4.05		
	NT2RM4001313	2.63	2.63	8.62	3.81	6.36	7.03		
	NT2RM4001316	3.14	3.14	6.12	3.39	3.85	5.25		
45	NT2RM4001320	2.4	2.4	6.43	2.83	3.16	5.6		
	NT2RM4001321	3.98	3.98	8.62	6.17	7.03	6.24		
	NT2RM4001325	2.54	2.54	5.2	4.76	2.93	5.25		
	NT2RM4001333	8.65	8.65	18.06	8.57	10.76	9.51		
50	NT2RM4001340	4.81	4.81	12.27	6.99	7.72	11.24		
	NT2RM4001344	4.09	4.09	4.69	3.04	3.44	4.93		
	NT2RM4001347	6.49	6.49	9.8	10.53	9.72	17.71		
55	NT2RM4001357	7.59	7.59	12.09	8.58	11.68	9.37		
	NT2RM4001360	2.79	2.79	5.11	3.82	2.85	3.07		

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	NT2RM4001371	4.71	4.71	8.57	6.58	13.16	12.93		
	NT2RM4001377	8.01	8.01	13.74	8.66	9.23	10.58		
5	NT2RM4001382	17.31	17.31	56.74	35.57	28.32	38.22		
	NT2RM4001384	2.17	2.17	4.11	2.35	3.34	3.75		
	NT2RM4001400	3.78	3.78	5.76	4.87	4.66	5.07		
	NT2RM4001409	2.55	2.55	6.82	4.82	4.63	5.27		
10	NT2RM4001410	5.48	5.48	21.69	17.34	21.09	18.91		
	NT2RM4001411	2.66	2.66	6.5	5.86	6.64	6.77		
	NT2RM4001412	1.75	1.75	3.33	2.39	2.52	2.79		
15	NT2RM4001414	2.18	2.18	4.83	2.45	2.4	3.77		
	NT2RM4001436	8.35	8.35	16.65	10.45	10.13	15.55		
	NT2RM4001437	2.77	2.77	8.85	8.31	11.26	7.67		
	NT2RM4001444	11.57	11.57	25.93	21.1	18.36	18.42		
20	NT2RM4001454	3.62	3.62	7.89	6.16	5.03	4.79		
	NT2RM4001455	5.85	5.85	22.19	18.03	25.08	26.16		
	NT2RM4001483	4.37	4.37	8.77	4.97	5.43	6.46		
25	NT2RM4001489	3.12	3.12	7.04	3.64	4.19	5.46		
	NT2RM4001495	1.35	1.35	5.13	2.85	3.29	3.37		
	NT2RM4001499	1.74	1.74	4.98	3.65	2.77	3.3		
	NT2RM4001515	0.95	0.95	3.38	2.65	5.38	3.41		
30	NT2RM4001519	1.86	1.86	4.6	2.24	4.38	2.85		
	NT2RM4001522	3.8	3.8	7.66	5.36	7.42	9.13		
	NT2RM4001523	5.46	5.46	9.11	4.82	7.58	5.79		
35	NT2RM4001550	11.9	11.9	17.38	16.49	16.76	15.01		
	NT2RM4001553	7.88	7.88	13.4	23.26	23.53	23.87	**	+
	NT2RM4001554	0.86	0.86	1.74	1.85	1.11	2.2		
	NT2RM4001557	2.5	2.5	6.33	5.05	3.36	4.89		
40	NT2RM4001565	1.87	1.87	4.05	2.46	3.34	3.23		
	NT2RM4001566	3.23	3.23	8.57	8.91	10.49	11.42		
	NT2RM4001569	1.47	1.47	5.4	3.35	4.15	1.56		
45	NT2RM4001579	6.57	6.57	16.69	19.23	23.83	18.22		
	NT2RM4001582	4.06	4.06	5.97	2.16	3.17	2.67	*	-
	NT2RM4001589	21.51	21.51	37.16	42.45	55.76	47.57	*	+
	NT2RM4001592	1.37	1.37	2.96	3.02	2.14	3.71		
50	NT2RM4001594	1.98	1.98	4.09	5.4	5.24	5.67	*	+
	NT2RM4001597	2.65	2.65	5.64	5.17	4.97	4.33		
	NT2RM4001605	2.7	2.7	6.18	5.71	5.92	5.93		
55	NT2RM4001609	23.65	23.65	45	61.08	78.89	77.31	*	+
	NT2RM4001610	48.1	48.1	69.16	132.54	132.39	115.22	**	+

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	NT2RM4001611	3.31	3.31	4.56	2.33	2.32	2.02	*	-
	NT2RM4001618	7.05	7.05	7.95	6.68	8.98	12.95		
5	NT2RM4001622	13.53	13.53	19.88	14.67	24.67	28.46		
	NT2RM4001624	1.6	1.6	3.02	3.92	2.66	4.43		
	NT2RM4001625	4.89	4.89	39.6	41.63	47.1	46.46		
	NT2RM4001629	3.82	3.82	8.82	12.09	12.08	13.38	*	+
10	NT2RM4001632	15.28	15.28	24.55	31.07	26.16	25.6		
	NT2RM4001642	3.29	3.29	4.17	2.89	3.62	2.1		
	NT2RM4001647	4.44	4.44	6.83	4.04	5.48	4.67		
15	NT2RM4001650	4.96	4.96	4.94	2.66	2.87	3.79	**	-
	NT2RM4001662	2.18	2.18	5.47	8.31	6.54	9.39	*	+
	NT2RM4001666	2.28	2.28	6.5	6.24	6.17	8.14		
	NT2RM4001670	3.52	3.52	10.77	11.16	10.82	14.91		
20	NT2RM4001682	12.66	12.66	31.6	33.03	26.04	37.07		
	NT2RM4001710	6.7	6.7	38.5	40.58	58.41	40.31		
	NT2RM4001712	4.06	4.06	7.61	10.19	10.7	9.98	*	+
25	NT2RM4001714	10.88	10.88	19.37	18.67	19.3	17.65		
	NT2RM4001715	10.77	10.77	11.6	13.55	16.86	12.99		
	NT2RM4001727	3.41	3.41	5.92	4.83	5.89	7.6		
	NT2RM4001731	2.6	2.6	10.72	13.46	11.23	11.73		
30	NT2RM4001735	12.84	12.84	21.53	22.01	20.88	34.93		
	NT2RM4001739	2.46	2.46	7.3	8.13	5.17	7.14		
	NT2RM4001741	14.41	14.41	29.88	26.98	27.21	32.35		
35	NT2RM4001746	3.65	3.65	6.76	6.89	6.5	5.33		
	NT2RM4001754	3.16	3.16	4.17	3.39	3.62	3.84		
	NT2RM4001757	5.02	5.02	5.78	4.7	6.31	7.97		
	NT2RM4001758	1	1	0.76	1.98	0.65	1.46		
40	NT2RM4001768	4.83	4.83	10.19	8.48	6.91	7.83		
	NT2RM4001775	3.23	3.23	2.76	1.9	1.85	1.71	**	-
	NT2RM4001776	2.56	2.56	4.77	2.47	2.68	2.69		
45	NT2RM4001783	2.88	2.88	3.22	3.12	3.48	3.68		
	NT2RM4001793	4.67	4.67	11.44	12.02	9.6	10.75		
	NT2RM4001810	3.31	3.31	4.46	3.33	3.63	3.11		
	NT2RM4001813	3.9	3.9	4.15	4.71	4.19	5.36		
50	NT2RM4001818	4.06	4.06	11.34	10.43	8.67	10.53		
	NT2RM4001819	2.35	2.35	5.6	2.37	3.02	4.58		
	NT2RM4001823	1.76	1.76	4.48	2.47	4.04	4.27		
55	NT2RM4001828	5.01	5.01	11.49	5.67	7.54	7.51		
	NT2RM4001835	9.75	9.75	18.65	21.12	16.5	26.55		

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	NT2RM4001836	3.27	3.27	8.32	3.65	3.54	5.58		
	NT2RM4001841	7.94	7.94	15.82	20.15	20.96	23.33	*	+
5	NT2RM4001842	2.1	2.1	4.44	3.5	3.35	4.85		
	NT2RM4001843	5.65	5.65	14.54	13.34	12.25	14.94		
	NT2RM4001856	4.42	4.42	7.16	7.65	4.71	16.83		
	NT2RM4001858	5.91	5.91	15.86	16.09	17.03	16.93		
10	NT2RM4001861	2.91	2.91	9.57	6.31	8.66	9.28		
	NT2RM4001863	8.06	8.06	9.5	15.16	15.68	11.77	*	+
	NT2RM4001865	5.04	5.04	11.25	7.44	10.24	9.03		
15	NT2RM4001869	5.1	5.1	5.96	5.22	8.45	21.88		
	NT2RM4001873	9.62	9.62	18.43	13.33	15.49	19.21		
	NT2RM4001876	2.24	2.24	6.94	3.65	4.39	7.25		
	NT2RM4001880	3.6	3.6	8.57	5.13	5.41	7.67		
20	NT2RM4001885	5.71	5.71	11.11	7.11	6.56	11.98		
	NT2RM4001889	10.25	10.25	18.24	16.31	15.85	21.33		
	NT2RM4001894	2.61	2.61	6.07	3.58	3.65	3.49		
25	NT2RM4001897	7.87	7.87	20.24	18.41	20.4	23.46		
	NT2RM4001899	3.36	3.36	7.43	4.92	8.19	8.54		
	NT2RM4001905	3	3	4.84	3.3	4.53	7.1		
	NT2RM4001922	2.55	2.55	6.05	3.97	4.84	5.11		
30	NT2RM4001930	2.64	2.64	8.9	2.88	6.53	6.38		
	NT2RM4001938	2.65	2.65	4.91	5.09	5.65	6.43		
	NT2RM4001940	2.73	2.73	6.17	5.91	4.46	5.48		
35	NT2RM4001942	37.36	37.36	32.02	53.86	59.28	82.77	*	+
	NT2RM4001953	4.65	4.65	9.68	5.04	6.79	4.91		
	NT2RM4001965	4.96	4.96	8.82	10.18	8.54	8.39		
	NT2RM4001966	3	3	5.14	6.3	7.45	8.19	*	+
40	NT2RM4001969	2.22	2.22	7.29	5.01	2.95	4.5		
	NT2RM4001974	1.19	1.19	4.61	1.89	2.96	4.83		
	NT2RM4001979	2.09	2.09	6.37	3.39	4.65	7.36		
45	NT2RM4001980	4.3	4.3	7.59	7.58	8.02	9.33		
	NT2RM4001984	2.31	2.31	5.36	2.68	3.49	4.57		
	NT2RM4001987	3.36	3.36	9.66	2.92	4.6	5.01		
	NT2RM4002013	6.62	6.62	15.13	13.47	17.16	19.8		
50	NT2RM4002018	2.31	2.31	5.15	4.09	5.53	7.1		
	NT2RM4002033	3.19	3.19	8.16	4.91	3.27	5.93		
	NT2RM4002034	1.89	1.89	6.19	4.82	4.38	4.03		
55	NT2RM4002044	7.71	7.71	17.9	18.75	12.3	18.5		
	NT2RM4002047	3.88	3.88	5.19	2.68	5.38	9.2		

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	NT2RM4002054	4.54	4.54	6.97	2.56	4.3	3.89		
	NT2RM4002055	13.72	13.72	74.75	60.51	91.27	61.53		
5	NT2RM4002059	23.73	23.73	31.85	48.05	63.09	52.61	**	+
	NT2RM4002061	3.72	3.72	5.32	3.59	3.69	4.81		
	NT2RM4002062	1.9	1.9	5.41	3.66	2.84	4.26		
	NT2RM4002063	2.21	2.21	8.1	7.64	7.35	3.79		
10	NT2RM4002066	2.07	2.07	5.29	4.42	6.32	4.07		
	NT2RM4002067	2.51	2.51	4.27	3.07	5.19	4.41		
	NT2RM4002073	3.73	3.73	7.24	5.51	7.69	5.16		
15	NT2RM4002074	5.19	5.19	7.35	5.67	7.47	4.49		
	NT2RM4002075	5.13	5.13	5.9	3.16	3.18	2.91	**	-
	NT2RM4002076	3.13	3.13	3.05	1.94	2.52	1.71	*	-
	NT2RM4002078	10.3	10.3	28.06	23.95	20.81	26.64		
20	NT2RM4002081	10.47	10.47	30.87	19.18	17.8	18.22		
	NT2RM4002082	1.25	1.25	3.02	3.85	2.58	1.23		
	NT2RM4002093	2.82	2.82	3.9	4.79	4.66	4.79	*	+
25	NT2RM4002109	4.42	4.42	11.51	13.95	15.12	15.21	*	+
	NT2RM4002115	2.86	2.86	4.51	4.81	4.8	2.52		
	NT2RM4002118	4.48	4.48	6.14	4.3	4.86	4.27		
	NT2RM4002128	3.78	3.78	4.57	2.84	3.31	3.13	*	-
30	NT2RM4002137	3.96	3.96	8.14	10.27	7.51	8.92		
	NT2RM4002139	3.78	3.78	8.98	7.03	7.84	7.87		
	NT2RM4002140	4.04	4.04	9.45	8.87	7.81	10.17		
35	NT2RM4002145	5.99	5.99	17.51	25.81	31.07	24.47	*	+
	NT2RM4002146	4.51	4.51	8.23	8.56	9	8.92		
	NT2RM4002161	2.33	2.33	4.97	1.38	3.15	5.3		
	NT2RM4002174	4.86	4.86	8.02	3.12	4.53	6.15		
40	NT2RM4002178	7.3	7.3	24.43	28.61	33.13	29.27	*	+
	NT2RM4002180	3.47	3.47	11.93	9.27	10.02	11.28		
	NT2RM4002185	5.94	5.94	35.51	31.59	32.34	31.69		
45	NT2RM4002189	1.6	1.6	3.24	3.68	5.59	4.91	*	+
	NT2RM4002194	9.3	9.3	25.94	37.2	29.64	38.23	*	+
	NT2RM4002198	6.09	6.09	7.61	9.37	8.4	10.04	*	+
	NT2RM4002205	4.01	4.01	9.05	6.76	7.86	8.76		
50	NT2RM4002213	5.36	5.36	8.79	8.05	11.99	14.41		
	NT2RM4002216	7.35	7.35	12.58	16.58	23.93	18.16	*	+
	NT2RM4002226	3.84	3.84	9.71	20.85	16.65	16.5	**	+
55	NT2RM4002237	4.19	4.19	10.13	10.37	7.64	13.22		
	NT2RM4002240	1.96	1.96	3.64	3.73	3.71	7.59		

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	NT2RM4002251	2.11	2.11	6.2	7.87	5.48	5.17		
	NT2RM4002256	4.38	4.38	10.68	10.7	9.46	9.64		
5	NT2RM4002262	2.85	2.85	6.25	3.34	4.43	9.66		
	NT2RM4002266	3.93	3.93	4.76	2.76	3.55	4.47		
	NT2RM4002276	11.23	11.23	15.55	16.5	28.25	20.64		
	NT2RM4002278	1.89	1.89	4.59	4.33	3.99	5.11		
10	NT2RM4002281	17.71	17.71	59.08	62.68	51.19	59.89		
	NT2RM4002287	2.08	2.08	3.84	2.46	4.21	3.32		
	NT2RM4002294	3.19	3.19	6.99	6.28	6.09	8.69		
15	NT2RM4002298	18.59	18.59	60.14	86.09	89.9	88.75	*	+
	NT2RM4002301	3.2	3.2	6.85	4.63	5.94	4.02		
	NT2RM4002306	4.71	4.71	8.24	4.99	5.31	4.2		
	NT2RM4002323	3.9	3.9	4.06	4.11	4.39	3.11		
20	NT2RM4002334	11.54	11.54	20.76	17.92	20.72	16.95		
	NT2RM4002339	1.78	1.78	3.52	1.33	1.3	1.38		
	NT2RM4002344	2.36	2.36	5.74	2.87	3.57	7.92		
25	NT2RM4002345	3.56	3.56	10.59	5.06	4.63	7.5		
	NT2RM4002352	2.04	2.04	7.67	3.99	5.14	3.74		
	NT2RM4002362	20.38	20.38	24.92	11.23	14.32	15.17	*	-
	NT2RM4002373	2.1	2.1	3.96	3.21	2.55	3.63		
30	NT2RM4002374	2.28	2.28	4.39	2.29	3.58	4.3		
	NT2RM4002376	4.02	4.02	6.03	3.31	2.97	5.52		
	NT2RM4002383	2.8	2.8	8.49	4.76	5.79	4.28		
35	NT2RM4002390	3.03	3.03	6.01	4.06	5.27	7.37		
	NT2RM4002398	5.16	5.16	43.18	33.97	50.73	30.41		
	NT2RM4002409	2.11	2.11	5.93	3.37	4.29	1.9		
	NT2RM4002414	4.73	4.73	6.21	7.37	9.12	14.53		
40	NT2RM4002438	2.07	2.07	5.28	3.03	4.38	7.18		
	NT2RM4002440	2.99	2.99	6.92	5.78	5.32	9.49		
	NT2RM4002446	2.23	2.23	6.08	2.95	4.45	5.7		
45	NT2RM4002450	3.36	3.36	10.01	6.15	7.75	7.24		
	NT2RM4002452	2.13	2.13	6.3	3.67	5.15	7.23		
	NT2RM4002457	2.68	2.68	4.44	2.66	3.26	4.52		
	NT2RM4002458	3.06	3.06	5.77	3.32	5.34	4.04		
50	NT2RM4002460	2.43	2.43	3.68	1.57	2.45	1.43		
	NT2RM4002464	5.4	5.4	12.62	14.39	13.72	14.3		
	NT2RM4002479	4.66	4.66	6.69	4.91	7.98	11.54		
55	NT2RM4002482	4.26	4.26	16.18	10.19	11.5	12.2		
	NT2RM4002489	6.74	6.74	16.91	8.79	5.81	11.68		

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	NT2RM4002493	1.35	1.35	3.22	1.96	3.51	2.73		
	NT2RM4002499	34.96	34.96	72.9	59.42	52.07	54.3		
5	NT2RM4002504	5.15	5.15	-10.68	10.57	13.51	9.8		
	NT2RM4002506	4.77	4.77	9.4	4.93	7.59	8.53		
	NT2RM4002510	2.03	2.03	3.27	1.66	2.97	2.48		
	NT2RM4002527	1.57	1.57	3.14	1.83	2.31	4.47		
10	NT2RM4002532	2.45	2.45	7.75	5.88	3.37	5.19		
	NT2RM4002534	1.79	1.79	4.8	2.1	3.45	2.94		
	NT2RM4002535	2.5	2.5	6.51	5.89	8.1	6.37		
15	NT2RM4002554	3.29	3.29	5.31	3.31	5.47	3.12		
	NT2RM4002558	6.91	6.91	32.57	32.58	41.54	25.61		
	NT2RM4002565	5.38	5.38	13.6	8.22	9.85	10.53		
	NT2RM4002567	3.34	3.34	5.43	4.21	4.49	7.22		
20	NT2RM4002571	4.48	4.48	15.61	11.95	16.47	15.24		
	NT2RM4002572	5.57	5.57	17.2	13.7	9.59	13.48		
	NT2RM4002577	7.76	7.76	15.25	6.59	5.87	5.65		
25	NT2RM4002583	1.08	1.08	3.58	2.28	4.83	2.44		
	NT2RM4002584	1.64	1.64	5.67	3.24	5.74	5.56		
	NT2RM4002593	3.29	3.29	5.17	2.75	3.91	4.61		
	NT2RM4002594	11.26	11.26	46.5	38.21	55.32	43.58		
30	NT2RM4002604	4.83	4.83	4.64	1.77	2.03	2.89	**	-
	NT2RM4002614	3.48	3.48	3.48	2.52	3.66	2.81		
	NT2RM4002616	1.07	1.07	2.73	2.88	2.71	2.38		
35	NT2RM4002623	1.39	1.39	4.89	3.92	3.72	5.06		
	NT2RM4002634	1.41	1.41	4.38	3.42	4.91	2.96		
	NT2RM4002636	2.22	2.22	3.93	3.92	4.18	4.12		
	NT2RP1000002	8.82	8.82	52.94	75.1	92.89	81.45	*	+
40	NT2RP1000006	4.68	4.68	6.28	4.25	4.48	2.56		
	NT2RP1000015	4.86	4.86	5.27	2.74	1.99	2.28	**	-
	NT2RP1000018	5.45	5.45	5	5.55	4.83	4.96		
45	NT2RP1000034	18.22	18.22	49.95	38.04	30.76	50.07		
	NT2RP1000035	1.93	1.93	3.2	5.26	3.23	3.96		
	NT2RP1000040	1.77	1.77	3.33	2.93	3.28	4.28		
	NT2RP1000042	1.3	1.3	3.44	1.99	3.22	2.38		
50	NT2RP1000048	3.6	3.6	10.24	7.25	9.9	9		
	NT2RP1000050	2.21	2.21	4.71	2.89	4	3.57		
	NT2RP1000056	4.03	4.03	3.74	1.09	0.61	1.96	**	-
55	NT2RP1000058	3.49	3.49	2.03	1.84	2.07	2.48		
	NT2RP1000063	1.77	1.77	3.65	4.09	4	3.83		

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	NT2RP1000068	1.89	1.89	3.99	3.12	3.33	2.43		
	NT2RP1000072	22.9	22.9	74.07	82.91	66.26	95.85		
5	NT2RP1000073	2.18	2.18	-2.45	2.68	3.69	3.86	*	+
	NT2RP1000078	2.72	2.72	3.17	2.93	2.3	3.13		
	NT2RP1000079	4.13	4.13	5.32	3.6	4.48	2.5		
	NT2RP1000080	4.99	4.99	8.13	9.46	12.46	9.46	*	+
10	NT2RP1000086	4.15	4.15	3.63	1.31	2.1	3.75		
	NT2RP1000087	1.3	1.3	4.36	3.51	3.21	3.45		
	NT2RP1000089	4.5	4.5	9.98	12.69	11.3	14.93	*	+
15	NT2RP1000090	45.76	45.76	96.6	94.37	53.44	93.42		
	NT2RP1000100	2.17	2.17	4.05	5.23	4.13	3.66		
	NT2RP1000101	3.44	3.44	5.22	4.41	2.88	4.81		
	NT2RP1000111	3.24	3.24	5.56	4.51	3.9	3.69		
20	NT2RP1000112	3.29	3.29	4.08	1.85	3.33	3		
	NT2RP1000124	5.57	5.57	4.96	3.11	5.73	5.5		
	NT2RP1000125	7.28	7.28	19.39	13.69	10.68	16.86		
25	NT2RP1000129	1.81	1.81	4.35	5.14	3.91	4.27		
	NT2RP1000130	2.31	2.31	4.11	5.31	5.62	16.86		
	NT2RP1000154	7.5	7.5	15.63	17.16	12.72	16.37		
	NT2RP1000163	2.42	2.42	3.51	2.72	2.99	3.59		
30	NT2RP1000170	3.42	3.42	4.2	4.96	5.17	5.85	*	+
	NT2RP1000174	3.5	3.5	3.42	1.3	2.38	2.12	**	-
	NT2RP1000181	6.14	6.14	7.22	10.97	14.98	9.38	*	+
35	NT2RP1000191	1.08	1.08	5.61	4.94	3.59	5.71		
	NT2RP1000202	1.06	1.06	1.66	2.02	1.2	2.24		
	NT2RP1000239	1.53	1.53	4.1	2.15	0.94	2.07		
	NT2RP1000243	2.37	2.37	2.04	1.31	1.14	1.64	**	-
40	NT2RP1000255	1.94	1.94	3.02	2.11	2.26	1.78		
	NT2RP1000259	5.27	5.27	9.55	5.53	6.33	4.29		
	NT2RP1000261	2.76	2.76	4.4	2.07	1.64	2.64		
45	NT2RP1000269	5.16	5.16	5.01	7.7	10.51	7.39	*	+
	NT2RP1000271	7.79	7.79	15.88	13.16	15.11	18.48		
	NT2RP1000272	7.71	7.71	13.07	10.72	11.74	11.3		
	NT2RP1000279	2.19	2.19	5.24	2.23	3.91	2.62		
50	NT2RP1000290	6.61	6.61	9.02	12.65	13.52	9.92	*	+
	NT2RP1000293	6.86	6.86	10.91	9.75	8.45	10.92		
	NT2RP1000300	12.42	12.42	11.93	9.96	11.37	10.2	*	-
55	NT2RP1000324	5.16	5.16	6	4.69	5.92	6.97		
	NT2RP1000325	54.42	54.42	101.4	70.46	57.52	78.6		

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	NT2RP1000326	4.01	4.01	7.67	3.82	4.56	7.85		
	NT2RP1000331	12.16	12.16	24.08	12.19	10.5	20.1		
5	NT2RP1000333	4.18	4.18	-7.52	6.66	6.53	6.98		
	NT2RP1000336	1.45	1.45	4.45	1.35	3.76	1.78		
	NT2RP1000347	3.05	3.05	8.75	7.26	8.31	6.38		
	NT2RP1000348	2.11	2.11	4.14	2.76	3	2.75		
10	NT2RP1000349	2.12	2.12	3.92	3	4.39	4.11		
	NT2RP1000353	40.87	40.87	83.5	51.49	47.8	66.02		
	NT2RP1000356	39.53	39.53	93.37	50.3	56.48	74.42		
15	NT2RP1000357	3.89	3.89	9.63	8.43	8.7	8.72		
	NT2RP1000358	2.85	2.85	6.11	4.23	3.04	5.09		
	NT2RP1000360	11.04	11.04	19.39	12.08	18.42	19.44		
	NT2RP1000363	13.09	13.09	15.39	13.13	13.38	10.01		
20	NT2RP1000376	1.81	1.81	3.8	2.09	1.9	2.24		
	NT2RP1000386	118	118	191.31	146.98	187.97	155.47		
	NT2RP1000407	0.72	0.72	3.16	0.58	0.89	1.2		
25	NT2RP1000409	2.05	2.05	5.39	2.84	6.59	3.83		
	NT2RP1000413	4.78	4.78	8.03	5.86	8.89	10.19		
	NT2RP1000416	1.5	1.5	2.01	0.93	3.17	0.7		
	NT2RP1000418	2.27	2.27	6.69	5.08	6.67	4.85		
30	NT2RP1000420	1.77	1.77	5.19	7.32	7.64	3.7		
	NT2RP1000434	1.48	1.48	4.39	1.27	3.12	1		
	NT2RP1000439	5.02	5.02	9.31	20.62	28.73	24.75	**	+
35	NT2RP1000443	1.8	1.8	3.46	2.24	1.61	1.63		
	NT2RP1000447	2.21	2.21	5.57	2.49	2.87	3.1		
	NT2RP1000448	1.39	1.39	3.58	3.09	4.4	1.41		
	NT2RP1000451	4.2	4.2	6.37	5.72	7.27	7.04		
40	NT2RP1000458	15.1	15.1	10.53	19.73	8.72	23.03		
	NT2RP1000460	7.55	7.55	13.82	8.76	11.49	8.62		
	NT2RP1000465	4.58	4.58	20.97	20.41	19.98	22.46		
45	NT2RP1000468	3.25	3.25	4.64	3.82	4.1	4.45		
	NT2RP1000470	2.38	2.38	5.67	3.99	2.35	3.8		
	NT2RP1000477	1.11	1.11	3.81	1.1	0.84	0.83		
	NT2RP1000478	4.53	4.53	12.55	19.87	18.75	20.39	*	+
50	NT2RP1000481	1.23	1.23	3.89	2.48	4.09	1.2		
	NT2RP1000493	2.44	2.44	3.8	1.74	3.83	0.87		
	NT2RP1000513	13.07	13.07	16.37	17.06	17.57	18.97	*	+
55	NT2RP1000522	6.13	6.13	12.69	13.13	13.08	10.32		
	NT2RP1000533	3.72	3.72	6.17	2.92	4.49	2.17		

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	NT2RP1000544	1.53	1.53	2.45	1.38	1.24	1.44		
	NT2RP1000547	0.88	0.88	2.45	2	1.63	1.23		
5	NT2RP1000551	1.7	1.7	-2.62	2.13	3.2	1.1		
	NT2RP1000567	1.66	1.66	4.29	2.54	4.29	1.77		
	NT2RP1000574	1.99	1.99	4.28	1.5	3.43	1.38		
	NT2RP1000577	3.14	3.14	6.01	3.16	5.31	2.05		
10	NT2RP1000579	4.64	4.64	6.24	3.27	3.97	2.04		
	NT2RP1000581	5.22	5.22	3.58	2.07	1.61	0.93	**	-
	NT2RP1000593	1.74	1.74	4.39	2.48	3.28	2.3		
15	NT2RP1000604	3.85	3.85	7.75	17.25	13.78	16.39	**	+
	NT2RP1000609	1.15	1.15	2.21	2.84	2.61	1.55		
	NT2RP1000613	1.12	1.12	2.56	1.82	4.29	0.82		
	NT2RP1000622	5.94	5.94	15.9	14.91	19.42	15.46		
20	NT2RP1000627	9.18	9.18	18.96	23.88	21.9	14.86		
	NT2RP1000629	4.18	4.18	5.9	5.92	5.32	3.17		
	NT2RP1000630	6.54	6.54	7.84	7.21	7.67	7.92		
25	NT2RP1000639	0.64	0.64	0.31	1.53	2.04	0.28		
	NT2RP1000640	130.14	130.14	307.77	227.5	176.05	232.29		
	NT2RP1000646	4.14	4.14	9.59	10.19	11.87	12.15	*	+
	NT2RP1000659	2.65	2.65	7	8.91	7.99	6.04		
30	NT2RP1000674	13.48	13.48	28.08	43.62	45.82	56.95	**	+
	NT2RP1000677	3.9	3.9	10.76	11.84	10.19	9.87		
	NT2RP1000679	2.38	2.38	3.76	2.3	2.35	1.05		
35	NT2RP1000688	4.72	4.72	3.34	2.76	2.73	1.83	*	-
	NT2RP1000689	1.44	1.44	1.86	2.03	1.22	1.13		
	NT2RP1000695	1.11	1.11	2.5	2.09	2.44	1.52		
	NT2RP1000701	0.89	0.89	1.08	2.62	2.74	1.71	*	+
40	NT2RP1000702	1.12	1.12	2.28	3.74	4.07	3.15	*	+
	NT2RP1000713	2.29	2.29	2.79	2.8	3.56	2.38		
	NT2RP1000721	4.14	4.14	4.49	4.48	3.92	3.78		
45	NT2RP1000730	3.5	3.5	4.83	2.61	4.5	2.41		
	NT2RP1000733	6.08	6.08	6.56	4.91	8.12	5.65		
	NT2RP1000738	3.18	3.18	8.04	5.16	5.71	7.11		
	NT2RP1000739	1.11	1.11	2.65	4.02	3.09	2.86		
50	NT2RP1000740	1.41	1.41	3.13	3.63	3.57	3.77	*	+
	NT2RP1000746	1.15	1.15	3.58	2.28	3.74	1.37		
	NT2RP1000750	4	4	8.31	10.25	10.72	9.39	*	+
55	NT2RP1000751	33.15	33.15	59.65	67.84	64.22	66.55		
	NT2RP1000767	3.8	3.8	3.64	1.7	2.62	0.62	*	-

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	NT2RP1000769	9.31	9.31	13.98	7.42	8.59	7.19		
	NT2RP1000780	0.86	0.86	1.01	1.87	1.13	0.89		
5	NT2RP1000782	4.25	4.25	12.21	10.24	7.96	9.13		
	NT2RP1000796	3.17	3.17	2.69	4.23	2.99	2.86		
	NT2RP1000797	12.31	12.31	22.78	19.44	18.64	21.78		
	NT2RP1000800	1.13	1.13	3.74	2.46	2.66	1.46		
10	NT2RP1000825	2.38	2.38	2.91	1.04	1.88	0.87	*	-
	NT2RP1000833	2.5	2.5	2.85	0.92	2.39	1.26		
	NT2RP1000834	35.44	35.44	66.57	73.98	90.28	71.45		
15	NT2RP1000836	1.83	1.83	3.43	1.01	2.39	1.04		
	NT2RP1000837	3.36	3.36	6.66	3.22	4.71	3.67		
	NT2RP1000846	1.29	1.29	5.48	1.67	2.84	1.4		
	NT2RP1000847	1.99	1.99	5.49	2.15	5.12	1.64		
20	NT2RP1000851	4.67	4.67	9.32	6.18	7.94	6.72		
	NT2RP1000856	14.31	14.31	17.46	20.38	23.22	19.37	*	+
	NT2RP1000860	2.09	2.09	4.54	4.02	2.74	4.04		
25	NT2RP1000902	5.31	5.31	11.6	6.94	9.91	7.34		
	NT2RP1000903	2.45	2.45	6.26	4.04	3.42	4.24		
	NT2RP1000905	1.76	1.76	4.87	5.36	5.66	10		
	NT2RP1000915	5.51	5.51	10.01	6.72	8.59	9.91		
30	NT2RP1000916	2.31	2.31	5.51	1.78	3.82	2.09		
	NT2RP1000921	9.38	9.38	8.73	8.23	9.13	7.92		
	NT2RP1000943	5.14	5.14	10.76	8.51	8.55	7.2		
35	NT2RP1000944	1.59	1.59	2.21	1.78	1.74	1.15		
	NT2RP1000947	8.5	8.5	14.91	16.51	15.04	14.22		
	NT2RP1000954	2.11	2.11	4.96	2.74	5.55	3.04		
	NT2RP1000958	6.48	6.48	14.73	4.54	10.17	10.21		
40	NT2RP1000959	124.81	124.81	209.45	128.43	72.65	206.1		
	NT2RP1000966	9.96	9.96	12.96	14.28	15.36	21.39		
	NT2RP1000974	2.46	2.46	5.38	3.98	6.08	3.71		
45	NT2RP1000980	3.07	3.07	5.5	4.04	4.53	4.02		
	NT2RP1000981	4.3	4.3	8.09	5.68	7.26	5.27		
	NT2RP1000988	6.45	6.45	10.46	9.62	6.44	7.87		
	NT2RP1001002	2.8	2.8	7.36	3.94	4.57	4.3		
50	NT2RP1001004	4.72	4.72	8.25	3.65	4.9	5.37		
	NT2RP1001007	1.42	1.42	3.42	1.69	3.84	2.03		
	NT2RP1001011	1.94	1.94	5.93	3.82	5.46	4.83		
55	NT2RP1001013	4.45	4.45	9.41	5.92	8.62	5.04		
	NT2RP1001014	2.21	2.21	5.89	3.76	6.64	3.49		

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	NT2RP1001020	1.87	1.87	4.11	2.08	3.75	2.36		
	NT2RP1001023	62.79	62.79	145.09	101.48	105.86	143.96		
5	NT2RP1001027	18.11	18.11	-82.66	51.63	59.05	68.9		
	NT2RP1001031	1.83	1.83	3.31	2.05	3.53	2.25		
	NT2RP1001033	2.43	2.43	6.09	5.68	5.98	4.27		
	NT2RP1001042	2.94	2.94	6.47	2.99	3.85	2.04		
10	NT2RP1001045	15.95	15.95	23.24	40.66	47.04	44.53	**	+
	NT2RP1001073	6.64	6.64	10.57	8.32	10.46	7.33		
	NT2RP1001079	2.91	2.91	6.37	2.16	2.58	1.48		
15	NT2RP1001080	2.16	2.16	4.89	6.88	4.2	4.56		
	NT2RP1001113	1.07	1.07	3.64	3.55	3.94	3.26		
	NT2RP1001159	21.42	21.42	43.84	22.89	23.31	34.25		
	NT2RP1001173	1.7	1.7	3.07	1.38	4.28	1.52		
20	NT2RP1001176	7.4	7.4	10.13	13	9.31	13.95		
	NT2RP1001177	5.31	5.31	5.75	3.01	5.5	2.02		
	NT2RP1001185	6.42	6.42	9.37	3.79	4.63	2.73	*	-
25	NT2RP1001199	3.9	3.9	7.67	6.93	5.22	3.28		
	NT2RP1001205	7.78	7.78	19.46	16.66	12.64	23.28		
	NT2RP1001215	1.82	1.82	5.02	3.79	4.12	3.15		
	NT2RP1001225	4.54	4.54	7.96	7.56	8.77	6.31		
30	NT2RP1001245	7.27	7.27	10.86	19.68	21.03	22.13	**	+
	NT2RP1001247	2.04	2.04	4.01	1.77	2.89	1.67		
	NT2RP1001248	2.81	2.81	6.79	3.94	4.63	2.4		
35	NT2RP1001253	5.02	5.02	6.39	4.48	4.38	3.32		
	NT2RP1001286	6.18	6.18	7.69	3.79	3.88	4.12	**	-
	NT2RP1001294	2.4	2.4	4.47	3.6	2.73	4.18		
	NT2RP1001302	2.46	2.46	4.51	4.89	2.9	5.39		
40	NT2RP1001310	15.54	15.54	34.01	21.13	20.75	27.15		
	NT2RP1001311	1.9	1.9	3.22	2.66	3.16	2.38		
	NT2RP1001313	2.6	2.6	7.72	5.45	7.85	5.78		
45	NT2RP1001324	2.47	2.47	5.3	3.34	4.17	2.35		
	NT2RP1001349	3.3	3.3	6.29	3.63	3.92	2.14		
	NT2RP1001361	19.41	19.41	18.28	23.28	28.33	24.16	*	+
	NT2RP1001379	3.82	3.82	9.52	4.97	7.97	7.06		
50	NT2RP1001385	2.06	2.06	4.51	4.09	3.89	4.4		
	NT2RP1001395	4.96	4.96	7.86	6.01	6.32	8.13		
	NT2RP1001410	8.75	8.75	20.39	15.74	15.66	9.94		
55	NT2RP1001424	2.39	2.39	3.34	3	3	1.73		
	NT2RP1001432	4.33	4.33	3.86	2.19	1.76	2.05	**	-

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	NT2RP1001449	6.23	6.23	7.5	6.29	8.21	4.63		
	NT2RP1001457	4.09	4.09	4.21	2.11	2.26	2.63	**	-
5	NT2RP1001459	21.54	21.54	132.97	90.96	107.97	81.08		
	NT2RP1001466	5.73	5.73	14.97	11.31	9.39	10.99		
	NT2RP1001475	2.45	2.45	6.31	5.98	6.67	3.9		
	NT2RP1001482	3.93	3.93	9.18	15.88	13.03	8.2		
10	NT2RP1001494	1.61	1.61	4.6	4.34	4.18	2.25		
	NT2RP1001500	3.39	3.39	8.13	8.09	8.65	7.42		
	NT2RP1001517	5.11	5.11	7.37	4.41	5.38	2.36		
15	NT2RP1001540	4.74	4.74	5.03	4.6	4.86	3.11		
	NT2RP1001543	1.02	1.02	1.83	1.49	1.12	0.98		
	NT2RP1001546	22.51	22.51	51.51	34.99	22.76	33.42		
	NT2RP1001550	9.33	9.33	21.4	14.35	12.21	13.42		
20	NT2RP1001553	2.07	2.07	6.07	5.69	6.04	4.45		
	NT2RP1001555	36.28	36.28	58.55	41.1	53.63	54.35		
	NT2RP1001563	2.28	2.28	3.44	2.07	2.24	1.31		
25	NT2RP1001569	9.43	9.43	16	17.31	18.21	13.04		
	NT2RP1001584	15.6	15.6	19.66	28.1	32.53	25.83	**	+
	NT2RP1001599	1.18	1.18	1.95	1.27	1.19	1.24		
	NT2RP1001616	5	5	11.95	9.49	6.7	8.95		
30	NT2RP1001654	11.78	11.78	18.07	16.27	16.54	18.38		
	NT2RP1001665	2.77	2.77	4.72	2.73	2.05	2.05		
	NT2RP1001679	76.31	76.31	195.7	199.2	240.87	222.46		
35	NT2RP1001681	10.11	10.11	15.1	20.39	21.03	23.99	**	+
	NT2RP1001694	3.58	3.58	3.82	2.45	2.38	1.97	**	-
	NT2RP2000001	5.23	5.23	5.53	4.17	4.54	3.74	**	-
	NT2RP2000006	3.49	3.49	7.32	4.12	3.88	3.4		
40	NT2RP2000007	3.18	3.18	6.56	4.68	5.66	4.92		
	NT2RP2000008	2.77	2.77	6.72	3.66	5.3	4.9		
	NT2RP2000010	2.89	2.89	5.59	2.99	5.06	2.5		
45	NT2RP2000011	7.08	7.08	17.96	14.55	14.74	15.15		
	NT2RP2000027	2.28	2.28	7.42	4.52	4.89	3.61		
	NT2RP2000028	22.93	22.93	62.54	46.48	51.47	53.47		
	NT2RP2000032	2.5	2.5	5.85	3.11	3.71	6.42		
50	NT2RP2000040	11.57	11.57	23.92	14.38	14.5	23.1		
	NT2RP2000042	5.28	5.28	10.32	6.89	7.21	12.64		
	NT2RP2000045	5.7	5.7	9.42	5.27	6.45	6.3		
55	NT2RP2000051	3.16	3.16	6.29	9.23	9.96	9.53	**	+
	NT2RP2000054	2.55	2.55	6.42	3.81	5.42	2.53		

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	NT2RP2000056	3.68	3.68	6.23	5.67	6.89	5.8		
	NT2RP2000057	60.79	60.79	174.83	212.63	239.81	221.98	*	+
5	NT2RP2000067	3.1	3.1	3.86	2.98	4.36	5.72		
	NT2RP2000070	2.91	2.91	6.27	5.7	5.95	8.21		
	NT2RP2000076	1.66	1.66	4.45	2.98	3.58	3.23		
	NT2RP2000077	1.67	1.67	4.73	2.43	4.94	3.14		
10	NT2RP2000079	3.76	3.76	9.24	5.15	4.81	5.47		
	NT2RP2000088	2.9	2.9	5.22	2.18	3.07	2.21		
	NT2RP2000091	5.84	5.84	6.54	6.62	8.28	6.72		
	NT2RP2000092	4.37	4.37	6.7	6.06	7.67	5.65		
15	NT2RP2000097	2.74	2.74	3.39	3.4	4.13	4.13	*	+
	NT2RP2000098	3.44	3.44	6.83	6.69	9.01	6.27		
	NT2RP2000108	1.93	1.93	7.24	4.8	6.31	6.68		
20	NT2RP2000114	1.95	1.95	3.65	2.58	4.41	2.9		
	NT2RP2000116	3.17	3.17	7.36	5.35	3.85	9.42		
	NT2RP2000119	3.14	3.14	7.16	4.58	7.96	5.6		
25	NT2RP2000120	3.91	3.91	7.62	5.57	8.5	5.8		
	NT2RP2000126	2.86	2.86	4.86	3.88	5.1	3.44		
	NT2RP2000133	1.83	1.83	3.66	3.13	4.05	2.01		
	NT2RP2000147	6.28	6.28	12.88	11.64	6.51	8.58		
30	NT2RP2000153	4.61	4.61	9.55	10.57	6.49	12.05		
	NT2RP2000156	3.27	3.27	8.24	5.59	6.55	4.07		
	NT2RP2000157	3.7	3.7	6.33	6.57	5.02	4.15		
35	NT2RP2000161	4.45	4.45	8.82	7.52	7.5	6.02		
	NT2RP2000168	4.22	4.22	12.63	3.94	6.03	3.88		
	NT2RP2000173	12.56	12.56	81.37	72.12	92.12	78.68		
	NT2RP2000175	1.9	1.9	3.78	2.03	3.33	4.43		
40	NT2RP2000178	2.06	2.06	6.06	3.23	3.01	3.81		
	NT2RP2000183	1.64	1.64	7.82	5.82	6.21	6.03		
	NT2RP2000195	3.1	3.1	6.65	6	6.71	3.22		
45	NT2RP2000204	73.6	73.6	93.43	102.95	40.16	62.34		
	NT2RP2000205	4	4	6.56	3.91	5.74	4.5		
	NT2RP2000208	3.06	3.06	9.42	4.23	6.77	3.36		
	NT2RP2000224	13.3	13.3	31.75	18.34	21.15	20.93		
50	NT2RP2000230	9.96	9.96	18.99	12.16	16.4	11.95		
	NT2RP2000231	4.3	4.3	7.41	4.24	3.43	4.54		
	NT2RP2000232	1.08	1.08	2.75	1.53	2.45	0.74		
	NT2RP2000233	8.04	8.04	60.44	47.2	64.72	52.31		
55	NT2RP2000239	3	3	4.7	8.93	8.93	7.01	**	+

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	NT2RP2000240	2. 01	2. 01	5. 25	2. 49	3. 41	1. 45		
	NT2RP2000248	4. 29	4. 29	6. 09	2. 82	2. 39	0. 96	*	-
5	NT2RP2000256	5. 7	5. 7	8. 25	5. 62	6. 22	5. 44		
	NT2RP2000257	3. 47	3. 47	6. 92	4. 86	6. 52	4. 34		
	NT2RP2000258	1. 53	1. 53	3. 83	3. 88	2. 93	3. 02		
	NT2RP2000261	2. 95	2. 95	3. 94	4. 47	3. 59	2. 91		
10	NT2RP2000270	3. 12	3. 12	6. 26	6. 66	4. 06	4. 3		
	NT2RP2000274	1. 78	1. 78	3. 87	3. 48	5. 16	2. 56		
	NT2RP2000277	2. 18	2. 18	6. 13	3. 19	4. 02	2. 98		
	NT2RP2000279	2. 26	2. 26	4. 92	2. 43	2. 52	2. 17		
15	NT2RP2000283	5. 75	5. 75	27. 65	21. 53	27. 32	24. 78		
	NT2RP2000288	6. 29	6. 29	7. 46	8. 9	10. 89	8. 64	*	+
	NT2RP2000289	1. 12	1. 12	2. 79	3. 09	2. 77	1. 93		
20	NT2RP2000297	2. 57	2. 57	5. 7	4. 8	4. 53	6. 09		
	NT2RP2000298	3. 61	3. 61	9. 64	8. 51	7. 66	8. 24		
	NT2RP2000310	1. 43	1. 43	2. 3	2. 46	3. 41	1. 7		
	NT2RP2000327	2. 12	2. 12	3. 96	3. 13	3. 49	1. 57		
25	NT2RP2000328	6. 95	6. 95	11. 56	13. 43	16. 7	14. 68	*	+
	NT2RP2000329	10. 73	10. 73	10. 17	17. 55	23. 92	18. 52	**	+
	NT2RP2000333	6. 35	6. 35	6. 4	6. 83	7. 17	4. 64		
30	NT2RP2000337	2. 05	2. 05	5. 16	4. 43	5. 32	5. 31		
	NT2RP2000346	2. 55	2. 55	5. 18	7. 2	5. 63	4. 95		
	NT2RP2000357	1. 57	1. 57	6. 87	5. 48	5. 14	5. 35		
	NT2RP2000358	2. 09	2. 09	4. 52	5. 03	4. 9	4. 01		
35	NT2RP2000366	3. 23	3. 23	4. 08	4. 16	4. 25	2. 32		
	NT2RP2000369	7. 22	7. 22	9. 94	44. 13	45. 2	44. 34	**	+
	NT2RP2000376	26. 92	26. 92	108. 62	84. 48	134. 63	85. 95		
40	NT2RP2000394	6. 49	6. 49	5. 92	5. 08	8. 52	4. 21		
	NT2RP2000396	2. 71	2. 71	6. 55	7. 52	6. 8	5. 02		
	NT2RP2000412	4. 48	4. 48	23. 45	21. 42	24. 93	20. 49		
	NT2RP2000414	8. 03	8. 03	18. 69	23. 83	18. 98	23. 37		
45	NT2RP2000420	1. 12	1. 12	4. 11	3. 54	3. 25	1. 97		
	NT2RP2000422	6. 41	6. 41	13. 18	17. 56	17. 88	18. 67	*	+
	NT2RP2000426	21. 59	21. 59	80. 94	87. 94	110. 97	74. 98		
50	NT2RP2000428	24. 92	24. 92	43. 91	34. 21	35. 59	30. 95		
	NT2RP2000438	5. 06	5. 06	5. 17	5. 62	6. 94	5. 11		
	NT2RP2000447	4. 14	4. 14	9. 68	7. 3	7. 08	7. 16		
	NT2RP2000448	3. 03	3. 03	4. 63	4. 57	3. 57	3. 17		
55	NT2RP2000459	2. 47	2. 47	4. 93	2. 82	3. 15	2. 09		

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	NT2RP2000479	3.3	3.3	7.51	5.33	5.71	5.06		
	NT2RP2000498	3.07	3.07	6.25	4.48	5.09	3.9		
5	NT2RP2000503	2.47	2.47	-4.46	2.54	2.82	1.52		
	NT2RP2000510	4.01	4.01	6.19	5.08	6.45	3.7		
	NT2RP2000514	2.65	2.65	2.51	1.94	2.25	1.63	*	-
	NT2RP2000516	4.72	4.72	9.77	4.92	5.29	5.18		
10	NT2RP2000523	2.21	2.21	3.17	1.92	2.44	2.63		
	NT2RP2000533	17.82	17.82	29.05	22.57	27.56	30.78		
	NT2RP2000540	1.98	1.98	4.66	3.01	5.41	5.18		
	NT2RP2000547	3.1	3.1	5.26	4.38	5.27	3.71		
15	NT2RP2000557	4.26	4.26	6.96	4.34	6.5	3.32		
	NT2RP2000558	3.43	3.43	7.17	6.43	7.11	8.26		
	NT2RP2000564	3.04	3.04	7.2	3.49	8.03	4.77		
20	NT2RP2000565	4.54	4.54	11.07	7.64	9.24	9.98		
	NT2RP2000583	14.8	14.8	44.9	49.6	34.93	49.08		
	NT2RP2000591	0.81	0.81	3.81	1.53	2.61	1.21		
	NT2RP2000599	1.85	1.85	4.1	1.97	3.43	2.36		
25	NT2RP2000601	1.78	1.78	4.67	1.28	2.48	1.3		
	NT2RP2000603	2.58	2.58	4.44	2.54	2.84	2.98		
	NT2RP2000610	3.77	3.77	7.23	6.32	7.62	5.53		
30	NT2RP2000614	75.85	75.85	129.42	130.63	184.38	188.58	*	+
	NT2RP2000616	1.81	1.81	4.89	3.9	5.1	3.83		
	NT2RP2000617	2.17	2.17	6.73	5.78	6.82	6.26		
	NT2RP2000623	3.1	3.1	5.36	3.46	5.1	3.49		
35	NT2RP2000634	1.56	1.56	3.92	2.29	3.34	2.02		
	NT2RP2000636	3.78	3.78	8.64	6.27	7.6	6.62		
	NT2RP2000638	4.37	4.37	8.91	4.57	7.41	5.69		
40	NT2RP2000644	2.22	2.22	5.47	3.41	4.16	3.45		
	NT2RP2000649	8.96	8.96	15.76	13.65	17.22	13.07		
	NT2RP2000652	3.35	3.35	4.58	3.57	4.36	2.72		
	NT2RP2000656	3.73	3.73	6.93	4.83	3.91	4.08		
45	NT2RP2000658	1.08	1.08	2.64	1.51	3.18	1.43		
	NT2RP2000663	4.23	4.23	6.9	5.98	7.21	5.9		
	NT2RP2000664	4.24	4.24	10.24	12.72	12.54	16.44	*	+
50	NT2RP2000668	7.49	7.49	26.84	16.92	20.41	17.17		
	NT2RP2000678	1.77	1.77	3.19	1.77	2.09	1.13		
	NT2RP2000694	4.89	4.89	8.39	11.06	13	13.36	**	+
	NT2RP2000704	1.8	1.8	5.63	2.99	3.13	3.67		
55	NT2RP2000710	4.51	4.51	9.96	6.72	8.08	7.23		

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	NT2RP2000712	1.43	1.43	5.35	3.39	3.57	2.95		
	NT2RP2000715	3.42	3.42	7.43	6.04	7.56	4.49		
5	NT2RP2000720	4.92	4.92	11.76	7.24	8	7.11		
	NT2RP2000731	3.92	3.92	9.15	3.7	4.5	2.61		
	NT2RP2000739	3.23	3.23	5.67	2.62	3.32	5.65		
	NT2RP2000748	1.59	1.59	4.2	1.42	1.81	1.62		
10	NT2RP2000749	11.84	11.84	21.88	14.4	8.47	13.91		
	NT2RP2000758	1.6	1.6	3.17	2.65	6	1.17		
	NT2RP2000764	1.51	1.51	5.74	2.95	5.22	1.95		
15	NT2RP2000766	9.08	9.08	52.24	46.37	59.37	52.89		
	NT2RP2000777	12.28	12.28	18.43	26.91	28.56	24.47	**	+
	NT2RP2000786	21.32	21.32	73.91	55.85	67.59	58.16		
	NT2RP2000793	5.32	5.32	6.9	4.32	3.57	4.38	*	-
20	NT2RP2000796	5.32	5.32	7.41	7.38	9.17	6.66		
	NT2RP2000809	3.25	3.25	8.3	6.46	4.69	5.45		
	NT2RP2000812	6.65	6.65	17.51	16.43	14.35	16.89		
25	NT2RP2000814	4.16	4.16	4.97	3.75	4.6	3.29		
	NT2RP2000816	1.84	1.84	5.64	4.64	5.19	3.58		
	NT2RP2000818	3.28	3.28	5.19	3.18	3.66	1.95		
	NT2RP2000819	2.76	2.76	5.79	3.03	3.05	1.94		
30	NT2RP2000841	4.35	4.35	4.51	2.17	2.48	1.65	**	-
	NT2RP2000842	7.8	7.8	9.57	13.62	14.25	12.66	**	+
	NT2RP2000845	2.52	2.52	8.31	7.51	6.76	6.93		
35	NT2RP2000863	2.45	2.45	3.48	3.82	3.37	2.47		
	NT2RP2000880	5.96	5.96	11.61	9.5	11.13	10.25		
	NT2RP2000892	4.3	4.3	6.43	6.54	6.97	5.01		
	NT2RP2000894	5.59	5.59	11.88	5.41	5.59	2.16		
40	NT2RP2000903	5.71	5.71	9.12	10.73	11.92	7.44		
	NT2RP2000906	4.56	4.56	5.39	2.63	3.78	2.19	*	-
	NT2RP2000910	4.34	4.34	4.26	2.9	2.7	1.68	**	-
45	NT2RP2000931	10.97	10.97	18.36	20.51	19.28	24.6		
	NT2RP2000932	2.86	2.86	5.43	4.8	4.72	4.21		
	NT2RP2000938	18.41	18.41	42.99	35.71	30.01	43.52		
	NT2RP2000943	7.02	7.02	14.98	18.7	14.88	14.48		
50	NT2RP2000957	3.19	3.19	4.11	4.26	3.66	2.71		
	NT2RP2000958	7	7	6.84	10.43	12.36	7.8		
	NT2RP2000959	9.88	9.88	14.99	13.92	17.38	10.69		
	NT2RP2000965	5.05	5.05	7.82	15.73	18.97	16.02	**	+
55	NT2RP2000970	2.31	2.31	6.72	5.14	5	4.62		

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	NT2RP2000973	0.9	0.9	1.47	2.56	2.64	1.57	*	+
	NT2RP2000985	2.69	2.69	6	9.28	6.29	13.98		
5	NT2RP2000987	1.89	1.89	3.31	4.54	3.17	1.66		
	NT2RP2000997	13.83	13.83	23.99	38.12	29.73	40.96	*	+
	NT2RP2001024	2.86	2.86	5.34	3.61	3.12	2.36		
	NT2RP2001028	4.66	4.66	4.2	2.65	4.09	0.99		
10	NT2RP2001036	5.14	5.14	8.86	6.16	6.44	4.91		
	NT2RP2001039	1.08	1.08	3.18	3.47	1.14	2.24		
	NT2RP2001044	1.13	1.13	2.5	2.53	1.89	2.8		
15	NT2RP2001056	4.97	4.97	28.32	20.16	26.9	18.16		
	NT2RP2001065	2.38	2.38	6.24	7.45	7.4	5.69		
	NT2RP2001067	2.98	2.98	5.38	4.12	5.29	2.41		
	NT2RP2001070	3.3	3.3	7.63	4.72	6.17	3.58		
20	NT2RP2001081	2.91	2.91	8.19	4.8	6.68	3.9		
	NT2RP2001087	3.93	3.93	2.36	2.06	2.92	1.61		
	NT2RP2001094	0.69	0.69	1.37	1.25	1.15	1.04		
25	NT2RP2001119	2.02	2.02	6.11	5.86	4.44	4.35		
	NT2RP2001127	1.53	1.53	4.04	2.69	1.85	2.1		
	NT2RP2001133	2.45	2.45	4.73	4.06	3.61	3.6		
	NT2RP2001137	2.68	2.68	4.07	2.3	2.82	2.9		
30	NT2RP2001142	3.88	3.88	7.47	3.37	2.83	2.42		
	NT2RP2001149	2.7	2.7	2.98	2.11	3.39	1.32		
	NT2RP2001168	6	6	7.81	6.8	7.01	5.75		
35	NT2RP2001173	4.15	4.15	7.88	3.98	3.09	5.44		
	NT2RP2001174	9.23	9.23	14.98	14.12	15.45	18.01		
	NT2RP2001184	2.78	2.78	5.46	4.21	7.18	4.64		
	NT2RP2001196	1.62	1.62	5.93	3.14	3.28	2.94		
40	NT2RP2001200	3.85	3.85	9.36	5.02	4.25	7.88		
	NT2RP2001218	2.29	2.29	5.69	2.55	3.89	3.6		
	NT2RP2001223	2.65	2.65	5.03	1.95	3.69	3.31		
45	NT2RP2001226	4.34	4.34	10.19	6.95	5.72	7.35		
	NT2RP2001227	4.45	4.45	6.12	3.2	3.62	6.01		
	NT2RP2001232	6.44	6.44	13.95	7.13	9.79	13.66		
	NT2RP2001233	4.02	4.02	10.57	7.04	7.77	8.01		
50	NT2RP2001245	4.21	4.21	8.03	9.47	11.82	11.16	*	+
	NT2RP2001246	6.3	6.3	9.84	9	11.28	11.57		
	NT2RP2001268	6.19	6.19	18.1	17.61	16.26	18.55		
55	NT2RP2001270	4.78	4.78	9.11	5.68	8.7	10.04		
	NT2RP2001276	4.92	4.92	13.29	12.73	10.92	12.73		

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	NT2RP2001277	3.11	3.11	7.02	4.91	6.22	10.82		
	NT2RP2001290	2.71	2.71	6.46	4.42	5.61	6.01		
5	NT2RP2001295	5.46	5.46	9.44	5.13	5.98	7.92		
	NT2RP2001297	118.17	118.17	120.73	139.11	97.16	145.76		
	NT2RP2001301	9.12	9.12	18.56	15.89	19.62	14.24		
10	NT2RP2001312	2.7	2.7	5.68	5.6	4.59	6.04		
	NT2RP2001327	4.73	4.73	5.69	6.39	8.53	11.86		
	NT2RP2001328	8.44	8.44	20.87	16.32	23.25	23.16		
	NT2RP2001341	4.59	4.59	9.22	3.06	7.65	7.21		
15	NT2RP2001347	3.09	3.09	8.54	5.54	9.55	6.9		
	NT2RP2001366	10.33	10.33	48.06	54.83	51.5	52.33		
	NT2RP2001378	2.33	2.33	3.77	3.74	4.64	5.02		
20	NT2RP2001381	2.82	2.82	6.86	5.79	6.62	8.37		
	NT2RP2001388	3.25	3.25	6.71	4.54	5.11	5.2		
	NT2RP2001391	443.52	443.52	734.13	742.83	990.71	747.95		
	NT2RP2001392	2.98	2.98	6.43	4.58	3.16	4.18		
25	NT2RP2001394	3.3	3.3	8.55	8.35	6.09	10.15		
	NT2RP2001397	5.04	5.04	6.79	7.33	5.68	12.2		
	NT2RP2001400	3.1	3.1	6.4	3.43	6.25	2.92		
	NT2RP2001408	3.31	3.31	6.13	4.02	5.97	5.62		
30	NT2RP2001420	5.63	5.63	12.09	8.09	9.97	9.17		
	NT2RP2001423	4.71	4.71	9.71	6.21	8.29	7.19		
	NT2RP2001427	2.68	2.68	5.32	3.69	4.61	5.49		
35	NT2RP2001428	2.71	2.71	7.13	5.49	3.78	3.03		
	NT2RP2001436	4.27	4.27	8.85	5.84	2.85	4.84		
	NT2RP2001440	2.89	2.89	7.34	10.24	10.15	11.98	*	+
	NT2RP2001445	2.43	2.43	6.75	5.86	5.55	5.89		
40	NT2RP2001449	4.37	4.37	6.41	5	4.74	5.02		
	NT2RP2001450	3.19	3.19	6.75	2.26	5.4	8.59		
	NT2RP2001467	4.53	4.53	10.28	5.32	4.72	6.5		
45	NT2RP2001469	4.74	4.74	6.79	8.22	11.04	7.18		
	NT2RP2001480	6.54	6.54	26.68	14.98	12.63	15.42		
	NT2RP2001495	5.86	5.86	11.96	8.16	9.04	10.39		
	NT2RP2001499	8.25	8.25	16.78	10.05	14.46	9.66		
50	NT2RP2001506	2.79	2.79	7.24	5.32	8.19	5.33		
	NT2RP2001508	10.59	10.59	13.66	18.74	20.49	21.92	**	+
	NT2RP2001511	6.41	6.41	9.74	6.08	8.63	6.53		
	NT2RP2001514	7.04	7.04	7.02	7.24	6.44	6.38		
55	NT2RP2001520	2.93	2.93	4.84	2.6	3.19	2.87		

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	NT2RP2001526	3.88	3.88	8.49	7.01	5.27	3.83		
	NT2RP2001529	9.87	9.87	53.78	44.74	55.72	60.88		
5	NT2RP2001536	1.63	1.63	4.17	3.81	4.52	4.71		
	NT2RP2001538	83.44	83.44	178.68	132.75	146.73	155.87		
	NT2RP2001547	4.96	4.96	14.87	16.77	19.21	17.77	*	+
	NT2RP2001560	6.28	6.28	21.64	25.41	28.19	27.75	*	+
10	NT2RP2001562	5.56	5.56	5.57	5.94	6.75	4.64		
	NT2RP2001566	7.96	7.96	9.24	8.22	7.91	8.56		
	NT2RP2001569	4.26	4.26	8.71	6.09	5.65	8.28		
15	NT2RP2001576	3.95	3.95	11.58	13.42	9	12.82		
	NT2RP2001581	47.15	47.15	130.15	121.19	112.28	129.54		
	NT2RP2001597	3.73	3.73	7.88	8.57	8.3	13.3		
	NT2RP2001601	2.37	2.37	4.81	3.67	4.81	3.34		
20	NT2RP2001613	2.74	2.74	4.87	2.83	2.72	4.15		
	NT2RP2001628	3.42	3.42	3.97	3.14	3.04	7.84		
	NT2RP2001634	8.64	8.64	13.94	16.57	23.67	17.67	*	+
25	NT2RP2001635	2.51	2.51	5.92	5.63	5.53	4.72		
	NT2RP2001660	4.27	4.27	16.91	5.9	5.54	10.06		
	NT2RP2001662	1.49	1.49	4.07	4.5	4.44	3.47		
	NT2RP2001663	2.82	2.82	5.09	10.37	8.21	9.74	**	+
30	NT2RP2001672	3.28	3.28	3.82	3.88	4.09	4	*	+
	NT2RP2001675	4.1	4.1	5.01	5.23	4.73	5.06		
	NT2RP2001677	9.58	9.58	18.2	20.9	26.67	19.74	*	+
35	NT2RP2001678	4.84	4.84	6.73	4.6	4.83	4.5		
	NT2RP2001683	1.89	1.89	3.12	4.6	4.72	2.78		
	NT2RP2001699	3.15	3.15	6.16	6.5	5.84	4.88		
	NT2RP2001707	1.24	1.24	3.19	3.42	4.13	4.8	*	+
40	NT2RP2001720	1.47	1.47	3.6	3.91	3	2.72		
	NT2RP2001721	2.26	2.26	4.57	5.53	3.96	3.66		
	NT2RP2001740	12	12	60.21	52.38	79.71	54.73		
45	NT2RP2001748	6.43	6.43	10.8	8.75	10.25	8.55		
	NT2RP2001755	5.51	5.51	4.96	3.71	4.62	2.69	*	-
	NT2RP2001762	1.25	1.25	2.01	3.87	2.56	3.52	*	+
	NT2RP2001768	1.91	1.91	4.7	6.7	5.55	4.55		
50	NT2RP2001769	3.06	3.06	5.86	10.42	5.06	11.86		
	NT2RP2001784	3.62	3.62	6.23	7.06	6.02	6.91		
	NT2RP2001805	2.33	2.33	5.61	6.02	4.93	6.6		
55	NT2RP2001813	2.75	2.75	3.73	1.84	1.98	1.94	*	-
	NT2RP2001817	3.16	3.16	4.49	4.03	5.32	3.45		

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	NT2RP2001818	2.72	2.72	2.45	2.35	3.62	2.66		
	NT2RP2001837	5.13	5.13	13.43	10.29	10.16	12.33		
5	NT2RP2001839	17.02	17.02	83.84	60.14	71.06	82.26		
	NT2RP2001861	2	2	6.37	3.16	3.52	3.87		
	NT2RP2001869	2.64	2.64	6.54	4.35	5.77	8.84		
10	NT2RP2001876	12.15	12.15	27.71	24.54	24.93	23.67		
	NT2RP2001878	2.32	2.32	3.96	2.95	3.32	4.95		
	NT2RP2001881	3.72	3.72	5.4	9.67	12.64	12.16	**	+
	NT2RP2001883	2.63	2.63	6.8	4.33	5.42	6.35		
15	NT2RP2001884	13.59	13.59	23.56	15.33	10.54	23.6		
	NT2RP2001885	3.27	3.27	5.49	2.88	4.39	4.82		
	NT2RP2001898	10.76	10.76	80.37	69.48	88.43	73.46		
20	NT2RP2001900	3.38	3.38	4.03	2.61	4.93	10.26		
	NT2RP2001903	3.73	3.73	7.71	5.57	5.7	8.2		
	NT2RP2001907	3.1	3.1	8.56	5.05	7.56	6.72		
	NT2RP2001915	2.89	2.89	5.06	4.06	3.08	7.19		
25	NT2RP2001921	4.04	4.04	10.3	13.02	12.45	19.33	*	+
	NT2RP2001926	2.75	2.75	8.25	3.55	5.3	5.64		
	NT2RP2001933	5.65	5.65	52.55	43.62	43.55	48.58		
30	NT2RP2001936	1.54	1.54	5.03	2.8	2.96	3.8		
	NT2RP2001943	25.33	25.33	49.4	47.71	40.48	51.65		
	NT2RP2001946	3.05	3.05	4.3	3.41	4.51	6.1		
	NT2RP2001947	3.18	3.18	3.44	3.93	3.21	6.88		
35	NT2RP2001948	3.59	3.59	10.79	5.71	7.29	19.72		
	NT2RP2001956	5.24	5.24	12.73	11.54	9.42	9.89		
	NT2RP2001969	4.05	4.05	7.82	3.24	5.7	6		
40	NT2RP2001976	2.9	2.9	6.39	5.68	6.95	6.41		
	NT2RP2001978	3.26	3.26	6.08	4.18	4.83	6.03		
	NT2RP2001985	2.14	2.14	3.8	2.56	4.63	2.51		
	NT2RP2001991	3.34	3.34	5.7	1.53	4.62	5.19		
45	NT2RP2001997	3.16	3.16	8.43	5.31	7.47	6.98		
	NT2RP2002015	136.21	136.21	265.98	266.8	340.89	272.43		
	NT2RP2002017	3.24	3.24	6.06	2.06	3.3	2.57		
50	NT2RP2002025	6.08	6.08	51.73	31.83	26.94	37.84		
	NT2RP2002030	6.06	6.06	11.95	9.77	8.07	8.76		
	NT2RP2002032	2.31	2.31	4.95	2.39	3.81	2.55		
	NT2RP2002033	3	3	6.71	3.53	7.57	8.05		
55	NT2RP2002041	3.5	3.5	6.37	2.76	3.15	9		
	NT2RP2002046	3	3	6.88	2.99	7.4	6.01		

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	NT2RP2002047	2.71	2.71	3.86	2.06	3.87	3.83		
	NT2RP2002050	7.67	7.67	11.66	9.78	6.47	7.77		
5	NT2RP2002052	3.77	3.77	-8.39	6.6	3.99	6.28		
	NT2RP2002058	2.07	2.07	4.11	3.1	4.82	3.39		
	NT2RP2002060	1.48	1.48	3.44	2.1	5.9	3.18		
10	NT2RP2002063	3.61	3.61	5.83	3.3	5.2	6.65		
	NT2RP2002066	10.11	10.11	13.47	5.47	9.88	9.73		
	NT2RP2002070	3.74	3.74	6.3	2.15	3.1	3.83		
	NT2RP2002076	3.72	3.72	5.1	3.35	5.58	3.63		
15	NT2RP2002078	13.09	13.09	105.74	73.87	88.51	76.08		
	NT2RP2002079	5.76	5.76	36.34	31.87	32.66	36.54		
	NT2RP2002099	4.19	4.19	5.82	4.7	6.75	6.03		
20	NT2RP2002105	2.66	2.66	12.25	11.41	14.04	11.23		
	NT2RP2002115	1.63	1.63	5.21	1.98	3.42	1.52		
	NT2RP2002124	3.66	3.66	6	4.56	5.38	3.88		
	NT2RP2002137	3.99	3.99	4.83	2.21	2.1	1.76	**	-
25	NT2RP2002139	24.08	24.08	45.74	51.88	77.99	62.3	*	+
	NT2RP2002154	1.37	1.37	4.13	3.56	2.36	3.2		
	NT2RP2002155	351.63	351.63	869.83	623.53	501.61	620.68		
30	NT2RP2002172	1.5	1.5	3.33	2.78	3.53	5.13		
	NT2RP2002185	3.29	3.29	7.65	7.3	8.56	8.12		
	NT2RP2002188	1.74	1.74	5.95	4.15	4.31	4.95		
	NT2RP2002192	2.9	2.9	7.6	6.65	6.42	5.83		
35	NT2RP2002193	5.21	5.21	5.22	4.76	4.95	5.75		
	NT2RP2002208	5.96	5.96	7.31	4.7	5.67	5.14		
	NT2RP2002219	2.2	2.2	1.8	2.22	3.2	2.26		
40	NT2RP2002231	1.72	1.72	3.1	4.11	2.76	5.76		
	NT2RP2002232	2.59	2.59	5.17	3.93	4.7	6.08		
	NT2RP2002235	5.62	5.62	15.07	16.26	16.18	15.18		
	NT2RP2002239	37.02	37.02	67.99	72.09	67.21	63.77		
45	NT2RP2002252	2.64	2.64	3.66	2.63	2.76	2.94		
	NT2RP2002256	4.62	4.62	15.3	11.37	16.99	12.91		
	NT2RP2002257	7.01	7.01	22.77	18.65	25.09	20.6		
	NT2RP2002259	1.58	1.58	13.91	9.9	12.15	10.49		
50	NT2RP2002264	0.6	0.6	3.14	3.2	3.12	3.92		
	NT2RP2002267	3.66	3.66	8.75	8.95	8.3	11.16		
	NT2RP2002270	4.26	4.26	8.23	16.09	10.47	14.71	*	+
55	NT2RP2002281	2.85	2.85	5.66	8.18	6.48	6.54	*	+
	NT2RP2002288	4.32	4.32	6.6	5.33	5.56	4.23		

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	NT2RP2002292	5.42	5.42	8.4	6.64	8.08	6.95		
	NT2RP2002299	9.6	9.6	9.22	11.75	19.42	15.97	*	+
5	NT2RP2002304	1.37	1.37	4.78	6.99	5.08	5.52		
	NT2RP2002312	1.21	1.21	2.33	3.78	5.3	3.28	*	+
	NT2RP2002316	3.28	3.28	5.43	7.57	7.21	8.2	**	+
	NT2RP2002325	1.95	1.95	3.46	2.79	2.22	4.95		
10	NT2RP2002333	2.13	2.13	3.03	3.53	4.86	5.69	*	+
	NT2RP2002371	5.43	5.43	9.14	9.72	12.07	11.65	*	+
	NT2RP2002373	10.65	10.65	40.1	36.72	58.84	33.58		
15	NT2RP2002381	4.68	4.68	2.35	2.66	3.19	3.71		
	NT2RP2002385	5.71	5.71	11.84	9.95	11.34	9.47		
	NT2RP2002394	0.94	0.94	1.52	1.24	0.96	1.26		
	NT2RP2002408	2.7	2.7	5.08	3.89	3.12	4.29		
20	NT2RP2002409	3.73	3.73	10.81	10.78	7.95	8.35		
	NT2RP2002424	2.98	2.98	4.22	5.84	6.22	7.85	*	+
	NT2RP2002426	6.44	6.44	11.38	7.59	8.46	8.93		
25	NT2RP2002429	17.2	17.2	24.73	27.87	33.96	20.83		
	NT2RP2002437	4.61	4.61	5.98	4.83	6.47	4.79		
	NT2RP2002439	3.83	3.83	6.69	2.68	3.22	4		
	NT2RP2002442	13.63	13.63	71.65	57.78	63.05	78.84		
30	NT2RP2002457	3.27	3.27	5.31	4.35	4.87	5.82		
	NT2RP2002464	2.17	2.17	5.34	3.29	4.59	4.24		
	NT2RP2002475	3.11	3.11	7.88	5.3	2.83	5.43		
35	NT2RP2002479	3.09	3.09	4.25	1.95	2.99	1.93		
	NT2RP2002487	1.73	1.73	5.15	1.98	2.1	3.04		
	NT2RP2002498	1.52	1.52	2.2	2.62	2.82	4.47		
	NT2RP2002503	7.63	7.63	31.85	29.32	32.02	31.84		
40	NT2RP2002504	3.81	3.81	5.73	6	7.23	11.28		
	NT2RP2002510	2.65	2.65	8.92	4.68	6.59	6.85		
	NT2RP2002520	3.57	3.57	7.17	6.26	8.86	6.61		
45	NT2RP2002527	5.18	5.18	6.02	9	12.37	11.22	**	+
	NT2RP2002533	3.34	3.34	6.27	4.83	6.94	5.88		
	NT2RP2002537	3.22	3.22	4.02	4.09	5.91	10.08		
	NT2RP2002542	4.81	4.81	4.64	5.99	5.93	9.73		
50	NT2RP2002546	4.31	4.31	5.85	6.5	4.91	5.24		
	NT2RP2002549	4.06	4.06	9.33	7.68	10.49	11.65		
	NT2RP2002564	4.11	4.11	11.18	10.67	9.21	9.29		
55	NT2RP2002591	2.45	2.45	7.03	3.31	4.79	5.79		
	NT2RP2002595	9.67	9.67	12.41	12.06	13.39	14.79		

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	NT2RP2002602	4.19	4.19	7.53	5.68	8.96	10.42		
	NT2RP2002606	1.27	1.27	2.93	2.26	2.97	3.95		
5	NT2RP2002609	6.12	6.12	9.95	4.79	5.48	7.74		
	NT2RP2002618	2.74	2.74	6.83	4.2	6.34	5.44		
	NT2RP2002621	4.24	4.24	10.22	6.58	7.52	9.79		
	NT2RP2002643	1.79	1.79	4.84	3.11	5.98	3.94		
10	NT2RP2002672	4.48	4.48	9.23	8.03	9.37	9.87		
	NT2RP2002673	4.13	4.13	5.01	8	12.88	17.73	*	+
	NT2RP2002674	2.4	2.4	4.06	2.78	2.37	1.84		
15	NT2RP2002686	2.73	2.73	4.61	3.17	5.19	6.49		
	NT2RP2002688	10.73	10.73	28.07	22.34	33.34	28.71		
	NT2RP2002695	2.62	2.62	7.03	5.26	4.34	5.52		
	NT2RP2002701	7.29	7.29	13.37	11.85	5.18	10.04		
20	NT2RP2002706	3.02	3.02	5.58	6.47	8.14	6.19	*	+
	NT2RP2002710	11.2	11.2	36.97	39.43	33.9	42.75		
	NT2RP2002721	5.53	5.53	9.42	7.33	7.34	8.45		
25	NT2RP2002727	3.56	3.56	6.87	2.17	3.96	3.52		
	NT2RP2002734	3.59	3.59	6.65	5.71	7.65	7.54		
	NT2RP2002736	5.25	5.25	13.13	13.17	13.59	17.58		
	NT2RP2002740	2	2	5.11	3.18	2.81	3.13		
30	NT2RP2002741	2.12	2.12	4.8	4.68	5.39	5.78		
	NT2RP2002750	2.5	2.5	9.22	7.73	9.57	8.18		
	NT2RP2002752	4.59	4.59	10.39	7.93	7.66	8.03		
35	NT2RP2002753	4.49	4.49	9.91	8.66	9.04	14.67		
	NT2RP2002760	4.79	4.79	10.31	3.56	4.5	4.13		
	NT2RP2002769	4.42	4.42	6.06	3.89	5.67	6.43		
	NT2RP2002778	4.13	4.13	10.59	6.8	8.2	9.12		
40	NT2RP2002791	8.89	8.89	54.27	48.75	53.08	50.19		
	NT2RP2002800	1.66	1.66	4.52	4	5.19	5.38		
	NT2RP2002805	3.38	3.38	5.46	4.75	6.44	3.81		
45	NT2RP2002811	3.27	3.27	8.23	5.87	8.13	10.61		
	NT2RP2002824	18.29	18.29	25.05	29.95	34.29	25.05		
	NT2RP2002839	13.26	13.26	31.21	16.09	23.42	16.27		
	NT2RP2002845	5.87	5.87	7.93	4.61	6.12	5.5		
50	NT2RP2002857	2.95	2.95	3.6	2.35	4.23	2.99		
	NT2RP2002862	4.56	4.56	12.49	12.55	9.84	11.34		
	NT2RP2002880	5.27	5.27	13.89	13.5	11.56	11.1		
	NT2RP2002885	8.6	8.6	17.12	7.56	10.07	10.02		
55	NT2RP2002891	1.9	1.9	7.78	4.65	6.63	7.56		

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	NT2RP2002907	2.95	2.95	6.91	5.95	5.5	4.9		
	NT2RP2002925	5.67	5.67	6.73	10.04	11.6	8.45	*	+
5	NT2RP2002927	10.08	10.08	10.63	19.05	21.85	15.48	**	+
	NT2RP2002928	4.32	4.32	4.56	2.65	2.34	2.51	**	-
	NT2RP2002929	3.96	3.96	9.74	8.09	7.86	9.87		
	NT2RP2002934	1.5	1.5	1.4	2.81	3.01	2.49	**	+
10	NT2RP2002939	2.96	2.96	5.09	5.15	6.71	4.91		
	NT2RP2002942	2.4	2.4	5.06	4.35	5.07	10.81		
	NT2RP2002954	5.41	5.41	11.46	7.21	9.1	8.65		
15	NT2RP2002959	8.15	8.15	12.55	13.81	16.28	16.69	*	+
	NT2RP2002974	5.03	5.03	6.53	4.7	3.45	4.54		
	NT2RP2002976	6.92	6.92	17.08	11.84	14.66	12.42		
	NT2RP2002979	4.41	4.41	8.12	7.03	8.66	7.6		
20	NT2RP2002980	6.44	6.44	15.09	15.56	11	17.45		
	NT2RP2002986	3.87	3.87	7.6	6.68	7.4	7.39		
	NT2RP2002987	3.52	3.52	8.23	11.1	9.18	9.4	*	+
25	NT2RP2002988	14.96	14.96	22.92	30.07	31.87	31.36	**	+
	NT2RP2002993	2.97	2.97	4.18	3.8	3.84	2.84		
	NT2RP2003000	4.88	4.88	8.34	6.97	9.62	9.97		
	NT2RP2003008	4.85	4.85	5.06	3.34	4.76	4.78		
30	NT2RP2003020	4.45	4.45	44.26	28.35	46.52	34.33		
	NT2RP2003032	1.91	1.91	4.02	5.82	6.48	6.59	**	+
	NT2RP2003034	4.21	4.21	13.47	13.16	11.15	16.31		
35	NT2RP2003042	2.15	2.15	3.81	4.57	3.65	4.92		
	NT2RP2003050	2.32	2.32	3.56	2.55	2.17	1.83		
	NT2RP2003060	7.27	7.27	15.51	21.53	18.91	17.46	*	+
	NT2RP2003073	5.61	5.61	8.73	7.06	10.51	8.17		
40	NT2RP2003099	5.05	5.05	3.67	3.21	3.73	2.84		
	NT2RP2003108	3.6	3.6	4.23	5.29	3.91	6.62		
	NT2RP2003115	1.68	1.68	5	7.75	4.69	4.84		
45	NT2RP2003117	2.71	2.71	5.69	3.6	4.66	4.13		
	NT2RP2003121	1.83	1.83	3.47	4.03	2.69	3.33		
	NT2RP2003125	4.13	4.13	11.44	15.42	12.55	13.66	*	+
	NT2RP2003127	2.36	2.36	3.94	1.53	1.66	1.75		
50	NT2RP2003129	3.43	3.43	7.09	6.08	6.05	5.42		
	NT2RP2003137	4.49	4.49	6.14	7.58	8.4	6.46	*	+
	NT2RP2003138	4.66	4.66	20.24	16.55	17.45	16.92		
55	NT2RP2003146	6.2	6.2	24.78	18.5	23.25	25.96		
	NT2RP2003148	3.09	3.09	6.73	3.06	4.6	4.04		

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	NT2RP2003150	1.45	1.45	5.71	3.98	5.2	4.3		
	NT2RP2003157	6.93	6.93	34.27	34.29	31.85	32.84		
5	NT2RP2003158	6.3	6.3	-25.32	26.87	28.69	59.31		
	NT2RP2003161	2.73	2.73	3.36	2.51	2.82	6.12		
	NT2RP2003164	1.96	1.96	2.1	1.28	1.87	2.46		
	NT2RP2003165	2.18	2.18	5.94	3.1	3.69	4.84		
10	NT2RP2003177	1.63	1.63	4.37	2.79	3.03	4.42		
	NT2RP2003179	1.23	1.23	4.98	4.08	3.63	7.96		
	NT2RP2003194	4.04	4.04	7.2	5.73	6.29	14.77		
15	NT2RP2003206	1.59	1.59	4.47	1.64	3.52	1.44		
	NT2RP2003210	5.06	5.06	15.15	16.14	12.93	15.9		
	NT2RP2003227	1.62	1.62	3.97	2.04	3.66	6.28		
	NT2RP2003228	6.57	6.57	29.53	29.56	43.94	44.24		
20	NT2RP2003230	3.51	3.51	7.91	4.49	8.04	8.46		
	NT2RP2003231	2.22	2.22	5.59	2.46	3.23	3.83		
	NT2RP2003237	2.52	2.52	4.59	4.59	6.4	6.46	*	+
25	NT2RP2003239	2.3	2.3	4.46	2.97	4.46	4.05		
	NT2RP2003243	2.16	2.16	4.13	2.38	3.28	3.98		
	NT2RP2003265	3.93	3.93	5.33	4.22	4.88	4.92		
	NT2RP2003267	2.73	2.73	3.15	3.24	4.17	7.42		
30	NT2RP2003272	6.03	6.03	14.8	16.93	23.85	32.58	*	+
	NT2RP2003277	3.85	3.85	11.29	5.53	8.39	6.39		
	NT2RP2003280	3.47	3.47	9.38	7.67	7.25	6.09		
35	NT2RP2003286	2.18	2.18	4.23	4.13	5	9.61		
	NT2RP2003293	2.98	2.98	6.9	5.66	7.05	7.94		
	NT2RP2003295	4.67	4.67	8.45	8.73	12.39	6.35		
	NT2RP2003297	3.43	3.43	7.57	4.32	6.89	5.28		
40	NT2RP2003300	20.38	20.38	32.04	45.7	53.51	48.07	**	+
	NT2RP2003302	2.88	2.88	4.52	3.46	3.81	7.26		
	NT2RP2003307	0.57	0.57	2.62	1.43	1.49	1.38		
45	NT2RP2003308	1.44	1.44	4.5	2.77	4.44	5.44		
	NT2RP2003311	4.18	4.18	5.83	7.35	4.25	8.2		
	NT2RP2003329	2.99	2.99	4.41	2.63	3.89	4.44		
	NT2RP2003339	3.06	3.06	7.01	3.76	4.92	3.64		
50	NT2RP2003345	4.15	4.15	8.38	2.77	3.97	6.33		
	NT2RP2003347	2.55	2.55	4.23	2.08	1.98	3.46		
	NT2RP2003367	2.15	2.15	4.65	2.7	1.98	1.44		
55	NT2RP2003369	1.34	1.34	4.71	2.16	2.36	0.89		
	NT2RP2003383	4.05	4.05	6.75	7.66	7.17	6.99		

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	NT2RP2003390	9.1	9.1	17.93	16.66	14.27	12.94		
	NT2RP2003391	9.39	9.39	12.9	11.96	9.91	12.84		
5	NT2RP2003393	4.23	4.23	-6.99	6.14	5.03	9.44		
	NT2RP2003394	8.67	8.67	16.21	17.56	21.75	17.23		
	NT2RP2003401	4.39	4.39	5.97	3.52	3.72	2.9		
10	NT2RP2003403	3.42	3.42	7.64	6.62	8.55	7.79		
	NT2RP2003433	3.02	3.02	15.54	13.62	13.5	13.08		
	NT2RP2003445	3.2	3.2	4.74	4.08	3.5	3.93		
	NT2RP2003446	2.67	2.67	6.23	5.06	6.05	4.47		
15	NT2RP2003456	2.04	2.04	6.57	4.26	5.89	3.81		
	NT2RP2003466	3.56	3.56	20.09	17.34	25.96	23.53		
	NT2RP2003469	6.2	6.2	5.65	6.19	7.53	6.33		
20	NT2RP2003470	5.64	5.64	6.47	5.06	6.11	6.44		
	NT2RP2003471	2.72	2.72	3.88	3.22	2.78	3.38		
	NT2RP2003480	7.15	7.15	20.74	19.77	19.89	21.14		
	NT2RP2003495	3.99	3.99	6.03	8.07	7.24	10.72	*	+
25	NT2RP2003499	1.52	1.52	4.58	3.67	4.05	2.75		
	NT2RP2003505	0.98	0.98	3.21	2.62	3.88	1.4		
	NT2RP2003506	2.54	2.54	6.53	5.65	5.36	4.78		
30	NT2RP2003511	3.67	3.67	5.57	4.22	3.1	2.96		
	NT2RP2003513	3.79	3.79	6.01	5.49	5.57	5.71		
	NT2RP2003517	2.9	2.9	2.52	1.32	1.11	0.85	**	-
	NT2RP2003522	11.08	11.08	19.77	10.55	11.42	16.52		
35	NT2RP2003525	5.12	5.12	14.93	12.19	10.72	11.79		
	NT2RP2003533	3.36	3.36	10.44	12.12	10.72	12.94		
	NT2RP2003541	6.72	6.72	11.29	12.02	13.42	11.7		
40	NT2RP2003543	2.48	2.48	5.96	4.17	3.55	6.54		
	NT2RP2003545	2.59	2.59	4.85	2.22	3.6	1.85		
	NT2RP2003559	4.92	4.92	4.81	3.97	3.84	3.37	**	-
	NT2RP2003564	4.46	4.46	3.93	2.53	1.97	2.42	**	-
45	NT2RP2003565	4.94	4.94	50.48	41.12	48.32	37.82		
	NT2RP2003567	3.51	3.51	16.65	16.25	19.43	16.05		
	NT2RP2003575	4.44	4.44	18.78	19.56	22.63	20.7		
50	NT2RP2003576	102.12	102.12	203.44	206.62	128.42	171.89		
	NT2RP2003579	11.45	11.45	26.58	38.62	39.51	39.88	*	+
	NT2RP2003581	3.85	3.85	6.1	4.33	4.38	3.96		
	NT2RP2003587	8.37	8.37	11.47	13.35	14.11	12.14	*	+
55	NT2RP2003590	7.15	7.15	9.08	11.06	13.15	14.91	*	+
	NT2RP2003593	1.58	1.58	4.57	7.84	4.43	8.59		

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	NT2RP2003596	4.86	4.86	10.86	14.43	13.12	17.96	*	+
	NT2RP2003599	6.49	6.49	12.46	14.29	10.17	11.98		
5	NT2RP2003600	1.88	1.88	2.95	3.02	3.64	6.36		
	NT2RP2003604	7.09	7.09	8.97	16.39	13.03	16.68	**	+
	NT2RP2003629	3.72	3.72	5.25	3.11	4.56	2.38		
	NT2RP2003630	4.09	4.09	6.66	4.79	6.78	3.84		
10	NT2RP2003643	5.49	5.49	4.88	7.15	9.8	8.51	*	+
	NT2RP2003655	4.27	4.27	11.12	7.52	6.38	7.59		
	NT2RP2003664	12.29	12.29	24.31	17.9	18.07	17.11		
15	NT2RP2003668	2.52	2.52	5.01	3.3	3.18	3.62		
	NT2RP2003687	1.61	1.61	2.77	1.63	2.42	1.71		
	NT2RP2003691	3.03	3.03	5.07	3.7	4.21	4.57		
	NT2RP2003702	3.99	3.99	6.14	2.89	3.02	2.89		
20	NT2RP2003704	3.31	3.31	4.12	2.65	3.84	1.99		
	NT2RP2003706	2.44	2.44	1.24	1.72	1.42	1.6		
	NT2RP2003713	4.11	4.11	5.49	4.16	3.89	3.87		
25	NT2RP2003714	3.39	3.39	7.8	5.19	5.31	5.32		
	NT2RP2003727	3.96	3.96	11.63	4.81	6.08	10.46		
	NT2RP2003737	2.52	2.52	8.58	4.88	6.47	4.6		
	NT2RP2003751	1.66	1.66	4.84	1.24	1.67	1.37		
30	NT2RP2003760	2.52	2.52	5.47	3.87	4.19	5.45		
	NT2RP2003764	2.1	2.1	2.81	1.44	1.87	4.62		
	NT2RP2003769	5.52	5.52	11.45	7.41	8.17	10.64		
35	NT2RP2003770	7.43	7.43	12.42	7.17	5.67	12.82		
	NT2RP2003777	3.44	3.44	6.78	5.01	5.6	9.57		
	NT2RP2003781	4.93	4.93	15.85	13.04	11.91	13.48		
	NT2RP2003785	9.69	9.69	13.44	11.1	10.68	8.99		
40	NT2RP2003793	9.32	9.32	9.5	8.29	13.22	10.51		
	NT2RP2003806	5.6	5.6	12.03	8.54	8.75	12.97		
	NT2RP2003825	10.73	10.73	62.01	57.88	71.84	82.78		
45	NT2RP2003840	3.19	3.19	6.07	3.86	4.44	4.71		
	NT2RP2003857	4.02	4.02	4.94	3.15	4.61	6.12		
	NT2RP2003859	1.82	1.82	6	3.35	4.16	4.21		
	NT2RP2003871	5.22	5.22	9.43	5.1	4.59	7.79		
50	NT2RP2003876	3.82	3.82	8.8	5.92	5.87	7.92		
	NT2RP2003878	3.38	3.38	6.49	3.8	4.9	4.11		
	NT2RP2003885	2.46	2.46	3.09	1.66	3.29	2.37		
55	NT2RP2003898	5.39	5.39	8.91	12.3	12.73	18.25	*	+
	NT2RP2003902	5.09	5.09	10.78	8.24	8.23	10.42		

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	NT2RP2003912	3.83	3.83	14.48	5.91	7.43	6.74		
	NT2RP2003931	1.81	1.81	6.03	3.95	6.86	4.42		
5	NT2RP2003940	2.31	2.31	-9.51	7.1	6.2	7.3		
	NT2RP2003950	2.81	2.81	5.48	3.84	5.57	2.98		
	NT2RP2003952	1.86	1.86	5.63	2.58	4.23	2.98		
	NT2RP2003968	4.82	4.82	7.38	9.86	11.76	13.51	*	+
10	NT2RP2003976	5.35	5.35	9.56	12.56	12.6	13.2	*	+
	NT2RP2003981	3.27	3.27	7.41	4.62	2.03	4.07		
	NT2RP2003984	5.57	5.57	15.87	10.21	4.25	10.34		
15	NT2RP2003986	2.79	2.79	6.22	6.29	6.32	5.17		
	NT2RP2003988	2.36	2.36	6.84	4.51	7.42	5		
	NT2RP2004013	8.46	8.46	13.75	14.68	13.19	17		
	NT2RP2004014	4.24	4.24	10.07	4.06	5.12	4.08		
20	NT2RP2004036	6.88	6.88	14.85	14.08	19.02	16.03		
	NT2RP2004041	2.77	2.77	5.02	3.96	4.43	5.19		
	NT2RP2004042	1.99	1.99	4.6	4.41	2.02	4.09		
25	NT2RP2004049	4.68	4.68	19.13	14.24	15.5	16.3		
	NT2RP2004060	5.7	5.7	10.41	7.09	8.67	10.84		
	NT2RP2004066	2.17	2.17	4.31	3.05	4.83	3.65		
	NT2RP2004069	3.99	3.99	7.24	3.54	6	4.26		
30	NT2RP2004076	3.73	3.73	5.82	1.92	4.2	3.61		
	NT2RP2004080	4.21	4.21	9.26	4.45	6.47	6.15		
	NT2RP2004081	3.27	3.27	5.39	3.51	3.71	4.5		
35	NT2RP2004098	2.32	2.32	6.48	5.4	3.1	5.75		
	NT2RP2004108	3.82	3.82	9.56	7.18	5.89	7.56		
	NT2RP2004124	3.13	3.13	5.9	3.68	5.82	3.92		
	NT2RP2004130	3.67	3.67	9.32	5.51	9.12	8.4		
40	NT2RP2004133	2.05	2.05	6.41	3.69	6.54	6.25		
	NT2RP2004141	5.72	5.72	7.15	5.14	7.05	7.05		
	NT2RP2004142	5.33	5.33	8.1	4.18	5.45	3.93		
45	NT2RP2004152	3.34	3.34	4.78	5.7	7.49	4.39		
	NT2RP2004165	3.71	3.71	8.3	5.87	5.92	6.54		
	NT2RP2004170	1.86	1.86	5.97	5.37	4.17	4.94		
	NT2RP2004172	2.93	2.93	5.24	4.69	5.58	4.26		
50	NT2RP2004176	3.45	3.45	8.4	7.77	10.21	8.98		
	NT2RP2004179	4.01	4.01	9.17	3.94	5.07	4.15		
	NT2RP2004187	3.16	3.16	6.36	3.87	3.88	4.59		
55	NT2RP2004190	5.1	5.1	5.46	5.49	7.33	9.98		
	NT2RP2004194	7.54	7.54	14.57	18.5	23.44	19.83	*	+

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	NT2RP2004196	4.28	4.28	13.77	10.02	7.87	14.61		
	NT2RP2004205	2.67	2.67	8.14	8.64	6.62	7.81		
5	NT2RP2004207	2.57	2.57	4.38	4.15	4.97	3.59		
	NT2RP2004226	2.09	2.09	4.95	4.11	6.15	5.33		
	NT2RP2004232	2.79	2.79	6.52	6	6.59	5.33		
	NT2RP2004239	3.57	3.57	4.49	2.71	3.97	5.6		
10	NT2RP2004240	7.07	7.07	12.57	13	15.8	8.95		
	NT2RP2004242	3.87	3.87	6.52	5.77	6.94	7.27		
	NT2RP2004245	1.74	1.74	3.47	2.42	3.29	3.15		
15	NT2RP2004270	9.77	9.77	33.78	28.39	27.43	29.48		
	NT2RP2004300	2	2	5.22	4.34	4.52	3.26		
	NT2RP2004304	6.46	6.46	15.37	17.41	12.33	13.9		
	NT2RP2004313	3.17	3.17	3.78	5.51	4.18	4.63	*	+
20	NT2RP2004316	3.46	3.46	5.84	4.9	4.96	4.04		
	NT2RP2004321	4.71	4.71	6.06	6.79	7.43	6.29	*	+
	NT2RP2004336	4.19	4.19	4.97	2.73	4.28	4.53		
25	NT2RP2004339	5.3	5.3	20.89	17.11	18.07	15.39		
	NT2RP2004347	1.39	1.39	3.99	4.78	5	4.19		
	NT2RP2004364	2.26	2.26	6.52	5.08	6.72	4.76		
	NT2RP2004365	3.18	3.18	6.58	6.68	6.34	7.7		
30	NT2RP2004366	2.49	2.49	6.06	4.49	4.71	3.08		
	NT2RP2004373	8.17	8.17	14.38	7.1	7.22	5.91		
	NT2RP2004375	9.27	9.27	13.98	20.89	26.85	20.68	**	+
35	NT2RP2004389	5.25	5.25	5.62	5.01	6.26	5.61		
	NT2RP2004392	8.88	8.88	23.7	13.04	19.48	20.89		
	NT2RP2004396	1.98	1.98	6.27	6.65	4.98	6.17		
	NT2RP2004399	5.24	5.24	8.12	12.56	7.74	9.52		
40	NT2RP2004400	2.07	2.07	3.55	2.36	3.47	2		
	NT2RP2004404	15.79	15.79	46	45.56	40.89	41.74		
	NT2RP2004410	16.64	16.64	24.04	27.99	33.46	32.69	*	+
45	NT2RP2004412	5.84	5.84	6.74	7.37	9.71	7.37		
	NT2RP2004414	4.27	4.27	5.09	3.81	4.89	3.8		
	NT2RP2004425	3.71	3.71	6.53	3.73	3.18	4.04		
	NT2RP2004447	1.93	1.93	5.68	2.75	5.22	3.56		
50	NT2RP2004463	13.57	13.57	16.23	16.84	16.25	20.26		
	NT2RP2004476	9.11	9.11	12.69	11.89	12.66	15.87		
	NT2RP2004488	3.82	3.82	8.52	4.59	6.02	5.37		
	NT2RP2004490	2.88	2.88	3.86	2.31	2.96	4.1		
55	NT2RP2004495	35.59	35.59	88.76	96.31	109.31	123.5	*	+

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	NT2RP2004512	4.25	4.25	7.62	5.84	6.41	7.12		
	NT2RP2004523	5.18	5.18	11.04	8.44	7.56	10.21		
5	NT2RP2004524	2.19	2.19	-6.33	4.97	5.32	5.56		
	NT2RP2004536	8.99	8.99	16.96	14.1	14.51	17.51		
	NT2RP2004538	8.03	8.03	24.44	20.15	25.59	22.24		
10	NT2RP2004548	4.45	4.45	9.92	7.39	9.1	10.51		
	NT2RP2004551	4.95	4.95	5.62	7.17	9.98	6.21		
	NT2RP2004556	83.73	83.73	210.17	226.48	298.92	241.84		
	NT2RP2004568	5.19	5.19	11.18	6.52	9.16	9.99		
15	NT2RP2004580	3.98	3.98	7.71	5.71	7.88	7.04		
	NT2RP2004585	11.28	11.28	49.82	36.69	46.91	64.56		
	NT2RP2004587	1.85	1.85	4.16	2.07	2.89	3		
20	NT2RP2004594	4.56	4.56	9.24	11.47	12.21	28.18		
	NT2RP2004600	3.49	3.49	5.76	2.22	3.22	3.09		
	NT2RP2004602	4.62	4.62	6.32	6	8.49	6.26		
	NT2RP2004606	392.21	392.21	581.19	612.4	897.5	764.63	*	+
25	NT2RP2004614	2.92	2.92	4.73	2.69	3.63	3.81		
	NT2RP2004648	2.52	2.52	4.96	3.24	5.01	4.12		
	NT2RP2004655	5.69	5.69	10.1	8.37	6.76	9.46		
30	NT2RP2004664	3.64	3.64	5.35	3.59	4.62	5.97		
	NT2RP2004670	1.98	1.98	3.81	1.98	3.71	4.27		
	NT2RP2004675	3.37	3.37	9.29	4.08	5.87	5.33		
	NT2RP2004681	3.46	3.46	7.56	5.72	8.92	7.55		
35	NT2RP2004689	2.63	2.63	5.75	5.75	4.73	7.87		
	NT2RP2004709	3.93	3.93	7.79	4.46	2.89	5.25		
	NT2RP2004710	3.15	3.15	8.37	5.63	4.61	6.88		
40	NT2RP2004721	1.79	1.79	5.99	3.39	4.41	2.78		
	NT2RP2004736	3.26	3.26	5.81	6.11	4.79	4.63		
	NT2RP2004743	4.94	4.94	7.96	5.94	6.67	7.36		
	NT2RP2004750	6.21	6.21	17.46	11.9	15.49	11.01		
45	NT2RP2004755	11.65	11.65	19.9	14.84	22.87	19.91		
	NT2RP2004767	3.54	3.54	9	4.05	5.8	4.81		
	NT2RP2004768	3.48	3.48	29.51	18.48	18.73	19.6		
	NT2RP2004775	4.68	4.68	5.68	7.71	5.62	8.26		
50	NT2RP2004791	7.23	7.23	16.58	9.33	10.24	11.68		
	NT2RP2004794	14.01	14.01	25.74	23.04	16.86	22.78		
	NT2RP2004795	5.15	5.15	7.97	6.96	5.67	11.2		
55	NT2RP2004799	6.74	6.74	10.99	5.35	8.58	6.3		
	NT2RP2004802	6.35	6.35	11.79	6.1	7.62	6.24		

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	NT2RP2004810	3.44	3.44	8.83	7.37	7.84	6.03		
	NT2RP2004816	5.58	5.58	12.1	11.22	8.76	11.15		
5	NT2RP2004837	4.13	4.13	9.89	10.43	7.23	12.98		
	NT2RP2004841	0.91	0.91	2.86	3.69	4.03	8.87		
	NT2RP2004847	3.25	3.25	13.75	13.82	13.87	17.16		
	NT2RP2004861	2.3	2.3	5.23	2.33	4.23	2.46		
10	NT2RP2004897	3.35	3.35	6.43	4.26	3.27	3.35		
	NT2RP2004932	6.64	6.64	10.16	7.96	8.53	6.91		
	NT2RP2004933	4.63	4.63	3.41	2.98	2.93	3.2	*	-
15	NT2RP2004936	3.69	3.69	6.41	4.56	4.42	7.53		
	NT2RP2004951	2.98	2.98	10.48	5.09	5.22	19.28		
	NT2RP2004959	3.13	3.13	6.61	6.43	6.26	6.5		
	NT2RP2004961	2.1	2.1	4.79	4.89	6.49	5.44		
20	NT2RP2004962	2.27	2.27	7.28	4.5	5.57	4.47		
	NT2RP2004966	2.26	2.26	6.07	4.1	4.1	2.97		
	NT2RP2004967	3.87	3.87	6.16	4.07	4.82	3.26		
25	NT2RP2004974	5.27	5.27	5.43	3.59	3.47	3.89	**	-
	NT2RP2004978	2.68	2.68	5.26	4.17	6.39	5.09		
	NT2RP2004982	0.57	0.57	1.82	2.2	1.94	1.72		
	NT2RP2004985	16.03	16.03	45.34	44.65	46.12	54.4		
30	NT2RP2004999	2.21	2.21	5.64	4.27	8.86	10.34		
	NT2RP2005000	3.62	3.62	5.76	4.33	4.76	4.65		
	NT2RP2005001	5.41	5.41	7.91	8.26	9.15	8.32		
35	NT2RP2005003	3.8	3.8	7.2	6.11	7.91	6.2		
	NT2RP2005012	6.61	6.61	20.14	18.41	20.96	17.87		
	NT2RP2005018	1.9	1.9	4.24	3.29	2.24	2.91		
	NT2RP2005020	6.12	6.12	23.58	19.97	19.94	22.96		
40	NT2RP2005022	1.65	1.65	5.01	5.09	7.24	4.77		
	NT2RP2005027	5.96	5.96	38.61	42.51	40.08	33.77		
	NT2RP2005031	1.54	1.54	4.99	3.94	4.53	3.92		
45	NT2RP2005035	44.19	44.19	94.82	116.52	107.36	106.69	*	+
	NT2RP2005037	4.28	4.28	5.87	7.91	10.26	7.09	*	+
	NT2RP2005038	4.86	4.86	4.84	1.85	2.29	3.1	**	-
	NT2RP2005048	9.92	9.92	30.91	30.14	33.38	32.48		
50	NT2RP2005069	16.01	16.01	34.88	21.99	20.63	27.64		
	NT2RP2005073	7.36	7.36	30.35	29.36	28.24	30.33		
	NT2RP2005097	2.39	2.39	5.6	5.27	5.2	4.6		
	NT2RP2005108	1.76	1.76	3.95	2.84	4.21	7.12		
55	NT2RP2005116	3.53	3.53	5.96	6.27	5.42	5.89		

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	NT2RP2005126	5.88	5.88	8.31	8.9	14.96	8.51		
	NT2RP2005135	5.08	5.08	5.22	4.65	6.59	5.47		
5	NT2RP2005139	1.94	1.94	-2.77	1.87	1.81	2.45		
	NT2RP2005140	3.82	3.82	4.86	12.39	6.72	8.55	*	+
	NT2RP2005144	4.04	4.04	6.31	6.69	5.97	9.7		
	NT2RP2005147	2.23	2.23	5.49	5.61	6.15	6.25		
10	NT2RP2005148	2.86	2.86	5.63	3.83	6.65	4.83		
	NT2RP2005159	3.92	3.92	5.6	4.94	6.38	7.41		
	NT2RP2005162	3.23	3.23	5.56	4.57	5.4	4.21		
15	NT2RP2005163	9.15	9.15	20.61	24.53	28.92	23.77	*	+
	NT2RP2005168	2.87	2.87	6.14	5.24	4.79	4.88		
	NT2RP2005181	2.64	2.64	5.42	3.4	2.11	1.98		
	NT2RP2005204	5.4	5.4	7.81	9.08	11.94	11.81	*	+
20	NT2RP2005219	4.61	4.61	9.64	7.09	10.28	8.7		
	NT2RP2005227	3.59	3.59	10.43	7.55	5.36	9.97		
	NT2RP2005237	26.49	26.49	94.81	86.96	105.8	93.92		
25	NT2RP2005239	2.24	2.24	6.07	2.62	4.27	4.34		
	NT2RP2005247	10.63	10.63	37.59	35.58	46.1	46.95		
	NT2RP2005254	4.35	4.35	9.14	5.7	6.44	6.93		
	NT2RP2005270	9.06	9.06	17.44	10.82	9.28	17.11		
30	NT2RP2005276	7.19	7.19	11.53	10.88	11.68	15.71		
	NT2RP2005287	7.98	7.98	11.97	8.37	7.7	13.36		
	NT2RP2005288	2.51	2.51	5.14	2.89	5.59	5.22		
35	NT2RP2005289	4.26	4.26	8.48	6.68	9.08	7.49		
	NT2RP2005293	5	5	6.93	13.68	14.37	15.66	**	+
	NT2RP2005315	5.79	5.79	10.64	8.04	12.95	16.68		
	NT2RP2005322	5.05	5.05	15.42	18.91	11.33	22.43		
40	NT2RP2005325	8.45	8.45	18.4	15.57	13.63	20.01		
	NT2RP2005336	1.71	1.71	6.68	4.18	5.74	5.3		
	NT2RP2005343	2.44	2.44	7.48	3.91	4.11	5.89		
45	NT2RP2005344	3.39	3.39	4.83	2.37	2.67	3.32		
	NT2RP2005347	3.14	3.14	3.61	3.34	2.96	3.53		
	NT2RP2005354	6.49	6.49	11.79	10.37	13	11.38		
	NT2RP2005358	35.87	35.87	109.04	101.37	134.72	117.96		
50	NT2RP2005360	2.93	2.93	5	3.59	4.97	3.84		
	NT2RP2005378	5.27	5.27	13.12	7.54	8.7	13.93		
	NT2RP2005391	3.06	3.06	5.41	4.21	6.76	7.72		
	NT2RP2005393	1.61	1.61	6.34	4.86	6.16	4.07		
55	NT2RP2005407	2.59	2.59	5.71	4.28	5.65	4.64		

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	NT2RP2005419	2.65	2.65	9.05	6.37	8.5	6.77		
	NT2RP2005425	5.63	5.63	18.38	15.27	18.89	15.46		
5	NT2RP2005429	3.23	3.23	5.85	5.41	6.65	5.64		
	NT2RP2005436	4.65	4.65	10.5	7.02	4.28	4.97		
	NT2RP2005441	2.28	2.28	5.62	3.36	3.77	5.79		
	NT2RP2005442	24.92	24.92	40.66	34.62	25.56	41.66		
10	NT2RP2005444	10.72	10.72	19.24	21.92	21.07	25.56	*	+
	NT2RP2005453	2.79	2.79	7.44	2.63	4.09	3.15		
	NT2RP2005457	15.12	15.12	23.21	28.69	37.38	31.61	*	+
15	NT2RP2005458	2.47	2.47	5.27	3.55	4.16	4.95		
	NT2RP2005463	7.73	7.73	15.23	15.65	22.11	25.05	*	+
	NT2RP2005464	5.96	5.96	11.91	9.22	4.67	10.35		
	NT2RP2005465	1.81	1.81	6.69	3.86	3.75	3.74		
20	NT2RP2005472	10.98	10.98	32.59	28.21	27.9	25.85		
	NT2RP2005476	5.01	5.01	8.99	7.01	6.98	6.08		
	NT2RP2005490	7.51	7.51	21.09	18.18	25.55	23.45		
25	NT2RP2005491	4.99	4.99	12.47	8.63	10.12	8.78		
	NT2RP2005495	3.56	3.56	5.77	3.38	4.55	4.3		
	NT2RP2005496	4.84	4.84	18.25	11.3	13.16	11.28		
	NT2RP2005498	2.92	2.92	7.45	5.18	5.03	4.98		
30	NT2RP2005501	2.04	2.04	5.54	3.12	4.34	2.46		
	NT2RP2005506	124.3	124.3	217.82	139.27	121.83	104.81		
	NT2RP2005509	6.97	6.97	10.45	11.4	9.61	15.73		
35	NT2RP2005514	3.93	3.93	6	4.06	7.05	4.39		
	NT2RP2005520	14.95	14.95	32.39	27.11	39.97	33.03		
	NT2RP2005525	6.19	6.19	7.01	7.81	7.68	4.79		
	NT2RP2005531	2.18	2.18	3.33	1.67	2.12	1.9		
40	NT2RP2005535	4.66	4.66	9.09	9.34	7.79	8.91		
	NT2RP2005539	3.39	3.39	6.22	6.43	5.84	7.45		
	NT2RP2005540	3.2	3.2	7.15	4.79	5.58	6.59		
45	NT2RP2005541	21.25	21.25	39.57	25.85	38.31	39.61		
	NT2RP2005549	2.69	2.69	7.66	6.72	4.85	7.11		
	NT2RP2005555	7.97	7.97	10.1	14.96	16.19	15.37	**	+
	NT2RP2005557	4.89	4.89	8.47	4.03	6.52	6.26		
50	NT2RP2005581	3.93	3.93	9.61	6.32	7.95	6.89		
	NT2RP2005586	1.56	1.56	3.18	3.21	2.92	4.74		
	NT2RP2005597	2.77	2.77	2.93	2.98	4.1	3.84		
	NT2RP2005600	1.81	1.81	3.71	4.03	4.29	4.44	*	+
55	NT2RP2005605	4.93	4.93	14.29	13.17	15.14	15.75		

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	NT2RP2005614	3.06	3.06	5.62	3.68	4.11	2.45		
	NT2RP2005620	3.47	3.47	6.26	3.6	3.92	3.11		
5	NT2RP2005622	6.14	6.14	5.07	6.21	7.43	4.61		
	NT2RP2005632	5.72	5.72	10.95	11.57	10.42	14.89		
	NT2RP2005635	2.22	2.22	19.06	18.14	23.77	18.14		
	NT2RP2005637	1.53	1.53	8	3.73	3.71	4.14		
10	NT2RP2005640	1.72	1.72	7.22	7.49	8.73	6.06		
	NT2RP2005645	4.68	4.68	11.8	10.61	11.47	9.67		
	NT2RP2005651	3.45	3.45	7.88	7.64	6.78	10.15		
15	NT2RP2005654	4.08	4.08	4.14	3.02	2.52	3.8		
	NT2RP2005666	4.91	4.91	5.27	4.34	7.7	4.74		
	NT2RP2005669	7.15	7.15	7.95	7.05	11.14	8.21		
	NT2RP2005670	2.35	2.35	6.91	7.77	5.04	5.2		
20	NT2RP2005671	3.12	3.12	7.83	10.77	8.9	9.78	*	+
	NT2RP2005675	7.32	7.32	37.84	34.46	40.94	40.02		
	NT2RP2005683	2.56	2.56	7.01	7.16	5.19	7.16		
25	NT2RP2005690	2.84	2.84	4.48	2.82	3.74	3.4		
	NT2RP2005694	4.07	4.07	5.49	3.77	6.26	3.54		
	NT2RP2005701	5.97	5.97	8.82	10.39	10.35	9.52	*	+
	NT2RP2005712	5.67	5.67	5.28	4.83	7.94	6.33		
30	NT2RP2005719	1.86	1.86	3.26	4.42	3.8	3.76	*	+
	NT2RP2005722	4.16	4.16	11.13	13.39	15.7	15.94	*	+
	NT2RP2005723	2.71	2.71	4.2	3.65	4.58	3.67		
35	NT2RP2005726	2.55	2.55	4.13	2.86	4.01	3.22		
	NT2RP2005729	4.64	4.64	9.94	10.21	10.7	10.62		
	NT2RP2005731	3.05	3.05	3.39	2.51	2.16	1.27	*	-
	NT2RP2005732	9.41	9.41	57.73	48.37	75.21	41.64		
40	NT2RP2005737	10.75	10.75	22.28	27.16	25.02	17.59		
	NT2RP2005741	3.03	3.03	5.35	3.68	3.31	3.37		
	NT2RP2005748	1.86	1.86	5.94	3.8	3.72	2.95		
45	NT2RP2005752	2.46	2.46	5.55	3.27	4.37	3.8		
	NT2RP2005753	8.45	8.45	14.76	11.12	11.69	14.45		
	NT2RP2005763	3	3	8.03	4.22	4.77	5		
	NT2RP2005767	3.72	3.72	7.79	5.55	6.75	6.29		
50	NT2RP2005773	8.11	8.11	10.02	10.6	11.59	13.37	*	+
	NT2RP2005774	4.25	4.25	12.72	6.86	12.24	14.61		
	NT2RP2005775	3.75	3.75	7.2	3.35	4.83	5.63		
	NT2RP2005781	5.11	5.11	9.88	9.82	7.19	12.94		
55	NT2RP2005784	5.41	5.41	11.51	7.68	12.12	14.06		

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	NT2RP2005789	3.98	3.98	11.24	7.89	9.52	8.86		
	NT2RP2005799	2.45	2.45	6.35	2.64	4.67	3.7		
5	NT2RP2005804	9.01	9.01	25	27.85	27.32	30.57		
	NT2RP2005812	2.63	2.63	4.83	2.9	3.89	5.21		
	NT2RP2005815	2.48	2.48	3.15	2.38	3.21	5.2		
	NT2RP2005835	5.99	5.99	11.26	7.13	13.74	11.69		
10	NT2RP2005841	2.32	2.32	10.04	4.89	7.43	11.23		
	NT2RP2005853	1.29	1.29	4.44	2.71	4.6	4.96		
	NT2RP2005857	7.37	7.37	9.87	13.46	7.93	20.27		
15	NT2RP2005859	2.76	2.76	5	2.91	6.14	4.78		
	NT2RP2005860	1.41	1.41	3.54	1.45	1.89	2.22		
	NT2RP2005863	3.03	3.03	6.55	10.76	18.29	15.94	*	+
	NT2RP2005868	3.86	3.86	5.85	5.1	6.3	7.77		
20	NT2RP2005876	5.7	5.7	12.31	7.84	8.29	8.2		
	NT2RP2005878	2.26	2.26	8.44	5.25	4.95	6.32		
	NT2RP2005883	13.54	13.54	21.06	23.75	9.57	28.09		
25	NT2RP2005886	7.18	7.18	50.05	51.13	62.09	50.14		
	NT2RP2005887	3.76	3.76	6.51	4.74	8.05	4.81		
	NT2RP2005890	4.17	4.17	9.77	11.87	17.13	12.15	*	+
	NT2RP2005901	3.19	3.19	5.69	3.91	6.18	5.14		
30	NT2RP2005902	3.17	3.17	4.33	4.78	4.77	6.25		
	NT2RP2005908	3.09	3.09	7.86	4.89	3.7	6.34		
	NT2RP2005927	1.77	1.77	2.66	2.25	4.36	3.07		
35	NT2RP2005933	2.5	2.5	5.59	6.4	4.77	6.42		
	NT2RP2005941	2.09	2.09	5.2	3.31	4.41	3.9		
	NT2RP2005942	4	4	6.86	3.08	4.59	4.64		
	NT2RP2005946	4.63	4.63	9.49	5.33	7.06	6.24		
40	NT2RP2005970	5.44	5.44	14	16.16	22.05	18.9	*	+
	NT2RP2005980	3.71	3.71	5.25	2.69	3.46	2.37		
	NT2RP2005994	2.99	2.99	6.76	4.28	3.28	5.14		
45	NT2RP2006004	1.31	1.31	2.89	2.07	6.09	2.58		
	NT2RP2006013	1.38	1.38	4.91	3.1	5.07	4.92		
	NT2RP2006023	8.37	8.37	17.77	20	21.43	21.14	*	+
	NT2RP2006028	5.03	5.03	10.23	7.47	9.89	9.71		
50	NT2RP2006038	4.67	4.67	5.86	2.79	5.4	1.09		
	NT2RP2006042	8.3	8.3	7.22	6.63	5.89	6.3	*	-
	NT2RP2006043	5.65	5.65	7.59	7.6	10.99	8.29		
	NT2RP2006052	1.48	1.48	4.48	4.13	3.12	4.54		
55	NT2RP2006057	3.73	3.73	6.23	5.69	3.83	4.95		

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	NT2RP2006064	4.16	4.16	7.73	5.86	6.81	9.08		
	NT2RP2006068	2.76	2.76	6.75	6.8	7.81	5.81		
5	NT2RP2006069	1.46	1.46	-4.94	3.56	3.95	3.3		
	NT2RP2006071	8.37	8.37	7.8	9.28	10.48	9.11	*	+
	NT2RP2006090	6.62	6.62	5.78	3.27	3.55	3.64	**	-
	NT2RP2006092	3.78	3.78	8.3	6.18	8.04	7.07		
10	NT2RP2006097	14.05	14.05	40.38	31.2	25.81	40.02		
	NT2RP2006098	1.94	1.94	4.27	4.52	4.61	7.65		
	NT2RP2006099	3.84	3.84	11.02	10.65	10.99	13.34		
15	NT2RP2006100	2.87	2.87	5.78	3.63	7.31	5.19		
	NT2RP2006103	2.39	2.39	5.54	2.6	3.93	1.71		
	NT2RP2006106	6.48	6.48	21.51	18.05	24.81	22.3		
	NT2RP2006127	3.17	3.17	4.92	1.62	1.26	1.21	*	-
20	NT2RP2006134	4.25	4.25	4.41	6.08	6.7	5.47	**	+
	NT2RP2006141	3.91	3.91	7.94	7.45	6.04	9.08		
	NT2RP2006166	3.1	3.1	10.65	9.01	8.94	7.85		
25	NT2RP2006176	2.15	2.15	4.26	3.95	5.73	4.69		
	NT2RP2006181	1.68	1.68	2.84	3.21	3.14	2.45		
	NT2RP2006184	8.85	8.85	17.16	20.8	19.95	17.1		
	NT2RP2006186	3.01	3.01	4.57	2.77	2.29	4.33		
30	NT2RP2006196	5.24	5.24	7.21	5.25	5.23	4.16		
	NT2RP2006199	5.06	5.06	4.38	3.81	3.65	3.64	**	-
	NT2RP2006200	0.87	0.87	3.43	4.37	4.52	2.17		
35	NT2RP2006210	20.08	20.08	59.85	75.37	70.55	96.59	*	+
	NT2RP2006219	2.88	2.88	6.26	5.97	5.11	7.36		
	NT2RP2006224	3.7	3.7	7.55	9	7.7	8.93		
	NT2RP2006237	1.97	1.97	4.79	3.45	2.74	4.14		
40	NT2RP2006238	3.9	3.9	6.33	4.2	4.69	3.93		
	NT2RP2006258	4.5	4.5	6.73	3.07	4.27	4.39		
	NT2RP2006261	7.32	7.32	3.98	2.04	3.19	7.69		
45	NT2RP2006269	4.11	4.11	7.96	9.52	5.46	9.06		
	NT2RP2006275	3.67	3.67	30.36	23.46	35.36	25.14		
	NT2RP2006282	3.16	3.16	8.89	8.85	8.4	7.05		
	NT2RP2006302	5.69	5.69	12.68	13.12	12.4	11.87		
50	NT2RP2006312	4.88	4.88	8.22	8.47	9.13	9.8		
	NT2RP2006320	4.27	4.27	9.87	6.42	9.32	9.69		
	NT2RP2006321	3.27	3.27	4.23	2.79	4.99	4.13		
	NT2RP2006323	4.1	4.1	2.59	2.39	3.6	1.83		
55	NT2RP2006333	0.67	0.67	1.82	1.7	1.04	1.17		

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	NT2RP2006334	2. 24	2. 24	4. 02	4. 57	2. 72	3. 54		
	NT2RP2006338	2. 4	2. 4	5. 26	4. 73	5. 11	4. 04		
5	NT2RP2006339	2. 24	2. 24	2. 94	2. 47	1. 93	2. 06		
	NT2RP2006355	3. 61	3. 61	4. 59	3. 14	3. 39	2. 22		
	NT2RP2006365	3. 3	3. 3	4. 44	2. 42	2. 6	1. 3	*	-
	NT2RP2006374	16. 34	16. 34	111. 62	108. 73	174. 7	73. 65		
10	NT2RP2006393	4. 93	4. 93	7. 68	7. 38	8	6. 95		
	NT2RP2006394	8. 59	8. 59	17. 91	11. 3	11. 18	15. 38		
	NT2RP2006400	2. 25	2. 25	4. 51	2. 08	3. 58	1. 95		
15	NT2RP2006411	27. 71	27. 71	42. 11	23. 61	17. 25	37. 31		
	NT2RP2006429	2. 22	2. 22	7. 3	2. 82	5. 3	2. 21		
	NT2RP2006435	1. 46	1. 46	5. 29	1. 76	2. 65	1. 98		
	NT2RP2006436	2. 33	2. 33	6. 43	4. 33	5. 28	3. 75		
20	NT2RP2006441	4. 69	4. 69	8. 19	7. 76	8. 89	8. 37		
	NT2RP2006447	2. 41	2. 41	4. 78	3. 18	2. 63	3. 87		
	NT2RP2006454	2. 58	2. 58	5. 38	4. 39	3. 37	4. 03		
25	NT2RP2006455	3. 79	3. 79	7. 14	2. 91	4. 62	9. 23		
	NT2RP2006456	1. 96	1. 96	5. 99	2. 51	4. 49	3. 17		
	NT2RP2006464	5. 44	5. 44	8. 28	4. 47	8. 85	7. 9		
	NT2RP2006467	4. 17	4. 17	10	8. 56	12. 47	12. 58		
30	NT2RP2006472	5. 05	5. 05	6. 84	7. 24	6. 92	7. 37		
	NT2RP2006474	4. 69	4. 69	16. 3	18. 19	32. 31	21. 3		
	NT2RP2006475	2. 5	2. 5	9. 54	6. 14	6. 86	7. 66		
35	NT2RP2006476	5. 34	5. 34	14. 94	7. 62	13. 82	17. 24		
	NT2RP2006501	2. 44	2. 44	7. 28	4. 6	7. 45	7. 74		
	NT2RP2006512	10. 25	10. 25	19. 79	16. 72	7. 89	29. 01		
	NT2RP2006526	2. 09	2. 09	5. 19	2. 24	2. 78	2. 31		
40	NT2RP2006527	3. 61	3. 61	7. 05	4. 56	6. 14	6. 46		
	NT2RP2006534	2. 24	2. 24	4. 49	2. 08	2. 95	2. 73		
	NT2RP2006537	6. 08	6. 08	15. 7	11. 72	17. 73	12. 82		
45	NT2RP2006543	7. 83	7. 83	14. 8	6. 52	5. 4	6. 88		
	NT2RP2006554	1. 33	1. 33	3. 71	1. 79	3. 76	2. 2		
	NT2RP2006565	3. 78	3. 78	8. 91	5. 79	8. 42	7. 55		
	NT2RP2006571	1. 38	1. 38	3. 88	2. 77	4. 01	2. 29		
50	NT2RP2006573	2. 1	2. 1	4. 02	3. 05	3. 6	2. 41		
	NT2RP2006598	2. 25	2. 25	7. 04	4. 34	6. 56	4. 78		
	NT2RP2006601	24. 92	24. 92	35. 13	38. 45	45. 47	31. 69		
55	NT2RP3000002	5. 04	5. 04	6. 09	4. 7	5. 04	8. 18		
	NT2RP3000011	1. 82	1. 82	5. 9	2. 59	1. 85	2. 22		

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	NT2RP3000014	3.29	3.29	7.66	4.22	3.06	4.95		
	NT2RP3000016	3.42	3.42	7	5.29	6.56	6.11		
5	NT2RP3000022	1.71	1.71	3.93	1.72	4.68	0.59		
	NT2RP3000024	3.74	3.74	7.03	4.31	4.92	4.06		
	NT2RP3000031	4.66	4.66	8.66	4	6.75	4.86		
	NT2RP3000034	3.76	3.76	6.24	4.44	7.13	3.23		
10	NT2RP3000037	2.76	2.76	6.5	9.41	13.44	11.06	*	+
	NT2RP3000040	2.04	2.04	5.96	3.21	3.46	3.56		
	NT2RP3000041	2.15	2.15	7.35	3.71	3.01	3.16		
15	NT2RP3000046	1.95	1.95	4.42	3.67	7.11	3.84		
	NT2RP3000047	3.25	3.25	5.55	5.85	6.2	5.94		
	NT2RP3000049	2.54	2.54	6.94	5.26	7.78	3.58		
	NT2RP3000050	4.99	4.99	9.03	3.76	8.5	6.22		
20	NT2RP3000051	5.99	5.99	10.69	8.51	11.19	9.72		
	NT2RP3000054	4.31	4.31	6.5	4.38	5.35	3.22		
	NT2RP3000055	1.98	1.98	4.76	3.81	2.67	3.96		
25	NT2RP3000056	2.87	2.87	7.09	5.59	3.32	3.91		
	NT2RP3000059	2.54	2.54	5.1	1.89	4.07	1.6		
	NT2RP3000063	2.18	2.18	5.51	3.34	5.19	2.27		
	NT2RP3000068	3.76	3.76	24.22	25.83	37.88	23.13		
30	NT2RP3000069	17.44	17.44	20.58	22	28.87	18.2		
	NT2RP3000072	5.9	5.9	6.18	4.96	5.39	4.19	*	-
	NT2RP3000080	4.38	4.38	6.72	3.78	5.28	3.93		
35	NT2RP3000085	1.9	1.9	4.84	5.13	4.66	5.5		
	NT2RP3000087	3.77	3.77	9.1	6.22	5.61	6		
	NT2RP3000092	1.92	1.92	3.6	2.72	3.2	2.52		
	NT2RP3000109	1.74	1.74	5.05	5.63	7.94	4.24		
40	NT2RP3000119	4.66	4.66	14.27	11.29	13.7	14.28		
	NT2RP3000125	3.02	3.02	5.56	3.42	4.53	2		
	NT2RP3000131	7.84	7.84	14.37	16.23	19.96	12.93		
45	NT2RP3000134	5.96	5.96	9.01	6.61	7.25	6.46		
	NT2RP3000137	3.88	3.88	6.48	5.58	6.3	6.11		
	NT2RP3000142	2.87	2.87	7.77	7.28	5.03	5.31		
	NT2RP3000148	1.84	1.84	6.28	4.9	5.04	5.34		
50	NT2RP3000149	2.51	2.51	6.97	6.14	7.77	8.24		
	NT2RP3000163	2.16	2.16	6.17	3.27	3.9	2.5		
	NT2RP3000168	5.53	5.53	14.55	12.8	11.65	11.73		
	NT2RP3000169	3.74	3.74	6.01	6.03	8.47	5.72		
55	NT2RP3000171	10.86	10.86	16.71	28.33	38.98	25.93	*	+

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	NT2RP3000172	0.86	0.86	1.53	1.66	1.2	1.46		
	NT2RP3000186	4.32	4.32	10.6	19.18	15.43	15.82	*	+
5	NT2RP3000197	1.22	1.22	-3.66	4.03	4.29	3.39		
	NT2RP3000201	2.4	2.4	7.2	10.49	8.4	7.88		
	NT2RP3000204	2.16	2.16	4.44	3.88	4.1	4.25		
	NT2RP3000207	2.87	2.87	4.71	3	2.6	2.45		
10	NT2RP3000216	5.38	5.38	10.1	5.87	9.5	5.73		
	NT2RP3000220	5.14	5.14	5.66	3.68	5.69	2.92		
	NT2RP3000221	2.18	2.18	5.45	6.26	6.63	5.93		
15	NT2RP3000232	2.7	2.7	8.01	7.1	5.52	5.92		
	NT2RP3000233	1.55	1.55	6.01	6.9	5.91	4.06		
	NT2RP3000234	3.23	3.23	9.09	12.89	10.4	11.41	*	+
	NT2RP3000235	1.57	1.57	3.3	2.35	2.92	1.38		
20	NT2RP3000239	4.61	4.61	11.11	9.51	9.71	14.92		
	NT2RP3000247	3.25	3.25	5.82	2.92	4.04	1.96		
	NT2RP3000251	6.11	6.11	6.52	5.22	5.82	3.25		
25	NT2RP3000252	3.73	3.73	7.99	7.61	8.53	8.4		
	NT2RP3000255	2.18	2.18	2.96	3.26	3.13	1.97		
	NT2RP3000262	6.72	6.72	9.43	11.67	7.95	9.13		
	NT2RP3000266	6.47	6.47	15.5	13.38	10.83	12.64		
30	NT2RP3000267	2.71	2.71	4.04	2.9	2.64	3.03		
	NT2RP3000271	4.38	4.38	5.57	5.11	4.84	3.72		
	NT2RP3000278	7.84	7.84	56.85	48.55	82.07	42.57		
35	NT2RP3000281	4.94	4.94	10.72	8.19	8.22	7.27		
	NT2RP3000292	5.63	5.63	14.1	9.17	6.77	6.93		
	NT2RP3000299	2.31	2.31	4.92	3.73	4.89	4.98		
	NT2RP3000304	2.15	2.15	3.48	2.85	3.36	1.64		
40	NT2RP3000310	7.24	7.24	24.22	18.94	23.07	19.88		
	NT2RP3000312	2.99	2.99	8.16	3.31	5.25	3.87		
	NT2RP3000320	7.06	7.06	6.17	5.25	4.74	4.74	**	-
45	NT2RP3000322	11.05	11.05	18.76	32.59	45.13	46.95	**	+
	NT2RP3000324	6.91	6.91	46.42	36.64	43.53	39.68		
	NT2RP3000326	1.95	1.95	6.17	4.02	5.75	3.53		
	NT2RP3000329	2.5	2.5	5.96	4.97	8.84	5.9		
50	NT2RP3000330	4.1	4.1	6.18	4.62	5.53	6.12		
	NT2RP3000333	3.23	3.23	7.45	4.36	5.28	4.52		
	NT2RP3000341	8.8	8.8	12.85	14.81	18.59	14.41	*	+
55	NT2RP3000344	2.73	2.73	3.75	2.69	3.54	2.29		
	NT2RP3000345	3.09	3.09	3.57	1.65	1.97	2.66	*	-

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	NT2RP3000348	444.59	444.59	802.63	824.62	1016.01	909.68		
	NT2RP3000350	4.25	4.25	10.34	4.57	9.28	6.4		
5	NT2RP3000359	9.53	9.53	24.44	8.54	11.36	16.62		
	NT2RP3000361	7.5	7.5	11.12	7.89	7.81	8.95		
	NT2RP3000366	7.38	7.38	14.27	9.52	11.84	16.13		
	NT2RP3000378	2.67	2.67	5.75	3.92	4.78	2.47		
10	NT2RP3000384	5.42	5.42	10.88	9.52	13.1	9.28		
	NT2RP3000389	12.54	12.54	21.49	23.95	35.02	27.32	*	+
	NT2RP3000393	3.74	3.74	6.16	5.03	4.53	4.77		
15	NT2RP3000395	110.27	110.27	212	108.33	38.18	148.45		
	NT2RP3000397	2.83	2.83	5.28	2.51	5.26	3.31		
	NT2RP3000398	3.39	3.39	10.12	11.46	11.18	12.26		
	NT2RP3000403	3.22	3.22	9.39	10.1	8.2	8.44		
20	NT2RP3000418	3.4	3.4	10.22	7.12	11.08	13.42		
	NT2RP3000424	2.86	2.86	9.43	6.25	9.52	6.86		
	NT2RP3000427	4.65	4.65	9.05	11.55	13.43	12.35	*	+
25	NT2RP3000431	2.05	2.05	4.93	3.43	3.26	3.93		
	NT2RP3000433	2.63	2.63	8.65	5.65	7.09	6.65		
	NT2RP3000436	11.39	11.39	20.93	18.76	9.35	18.86		
	NT2RP3000439	1.4	1.4	3.61	2.54	3.56	2		
30	NT2RP3000441	3.88	3.88	7.4	7.56	7.92	6.39		
	NT2RP3000444	3.31	3.31	7.29	2.36	3.25	2.2		
	NT2RP3000448	4.45	4.45	10.15	4.05	6.54	3.93		
35	NT2RP3000449	2.84	2.84	4.59	3.1	3.94	2.93		
	NT2RP3000451	1.76	1.76	5.12	3.7	5	2.96		
	NT2RP3000456	1.69	1.69	5.48	4.23	6.67	4.21		
	NT2RP3000460	18.87	18.87	36.67	24.52	25.24	26.25		
40	NT2RP3000471	3.14	3.14	6.49	2.74	4.98	5.84		
	NT2RP3000477	19.96	19.96	23.67	28.98	17.78	32.78		
	NT2RP3000478	5.86	5.86	8.95	5.21	8.98	2.6		
45	NT2RP3000481	5.48	5.48	5.76	2.76	3.61	1.52	**	-
	NT2RP3000484	3.51	3.51	4.26	2.32	2.55	1.76	*	-
	NT2RP3000487	1.77	1.77	7.4	5.07	4.03	4.97		
	NT2RP3000512	3.29	3.29	17.7	15.17	15.9	14.52		
50	NT2RP3000523	13.05	13.05	30.74	31.75	27.83	34.4		
	NT2RP3000526	3.07	3.07	7.38	5.18	6.31	4.64		
	NT2RP3000527	2.83	2.83	6.5	3.76	7.25	5.03		
	NT2RP3000531	2.9	2.9	7.71	5.11	5.51	4.69		
55	NT2RP3000532	5.74	5.74	5.6	5.75	8.39	4.26		

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	NT2RP3000542	6.23	6.23	8.1	7.21	7.3	6.39		
	NT2RP3000554	8.81	8.81	15.22	13.78	10.56	14.95		
5	NT2RP3000561	1.21	1.21	3.51	3.11	2.76	2.25		
	NT2RP3000562	1.84	1.84	3.5	3.7	3.87	3.23		
	NT2RP3000578	1.56	1.56	2.54	2.54	3.37	2.36		
	NT2RP3000582	1.26	1.26	4.66	2.24	2.52	0.41		
10	NT2RP3000584	2.82	2.82	6.52	3.2	2.5	2.02		
	NT2RP3000586	4.08	4.08	4.59	3.28	3.9	2.87		
	NT2RP3000590	5.69	5.69	4.61	3.78	4.35	2.57		
15	NT2RP3000592	1.8	1.8	2.99	2.97	2.75	3.15		
	NT2RP3000596	2.27	2.27	4.89	4.5	3.33	3.03		
	NT2RP3000599	1.67	1.67	3.07	3.88	4.98	3.82	*	+
	NT2RP3000603	6.09	6.09	39.25	40.43	44.88	35.89		
20	NT2RP3000605	2.84	2.84	6.66	4.56	4.23	2.56		
	NT2RP3000607	5.35	5.35	7.59	5.74	8.46	7.55		
	NT2RP3000616	3.26	3.26	5.45	2.56	2.38	1.21		
25	NT2RP3000621	5.18	5.18	8.48	10.28	10.29	6.01		
	NT2RP3000622	2.36	2.36	8.76	5.85	6.21	4.72		
	NT2RP3000624	1.53	1.53	3.19	3.97	3.06	2.78		
	NT2RP3000628	2.44	2.44	8.04	10.27	7.85	5.58		
30	NT2RP3000631	4.71	4.71	14.95	22.82	16.45	14.2		
	NT2RP3000632	2.35	2.35	5.5	7.78	8.91	5.91	*	+
	NT2RP3000638	6.95	6.95	17.93	11.8	11.6	9.97		
35	NT2RP3000644	25.72	25.72	48.41	57.98	72.01	52.49	*	+
	NT2RP3000645	5.85	5.85	10.48	9.84	12.55	8.43		
	NT2RP3000652	3.39	3.39	5.34	6.22	5.9	7.74	*	+
	NT2RP3000658	2.26	2.26	5.01	6.16	4.24	4.86		
40	NT2RP3000660	2.34	2.34	6.25	6.98	6.91	5.14		
	NT2RP3000661	1.98	1.98	4.49	4.06	3.87	3.1		
	NT2RP3000665	4.79	4.79	12.26	11.83	11.92	7		
45	NT2RP3000676	4.46	4.46	7.55	6.65	7.81	5.42		
	NT2RP3000677	2.87	2.87	4.13	2.44	3.07	1.54		
	NT2RP3000681	19.85	19.85	30.12	32.94	41.51	34.34	*	+
	NT2RP3000683	2.68	2.68	9.67	6.69	7.09	6.69		
50	NT2RP3000685	1.7	1.7	2.5	3.63	2.36	3.44		
	NT2RP3000690	2.77	2.77	3.29	3.82	3.75	2.72		
	NT2RP3000698	10	10	22.49	25.66	17.08	27.43		
	NT2RP3000708	3.45	3.45	5.5	8.17	9.22	8.56	**	+
55	NT2RP3000719	2.83	2.83	2.83	1.16	1.7	1.91	**	-

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	NT2RP3000721	5.63	5.63	24.61	23.43	39.76	21.55		
	NT2RP3000728	3.33	3.33	2.57	1.4	1.64	1.05	**	-
5	NT2RP3000730	2.06	2.06	-5.04	2.76	4.23	1.86		
	NT2RP3000733	2.87	2.87	6.32	3.48	4.47	4.25		
	NT2RP3000735	1.74	1.74	4.22	1.81	2.22	1.26		
10	NT2RP3000736	2.71	2.71	6.35	3.29	5.05	3.65		
	NT2RP3000739	13.76	13.76	12.16	18.05	9.37	20.19		
	NT2RP3000742	3.89	3.89	10.06	4.54	4.97	4.43		
	NT2RP3000753	2.29	2.29	3.9	2.17	2.65	6.3		
15	NT2RP3000759	9.07	9.07	15.99	11.11	17.14	23.05		
	NT2RP3000789	1.58	1.58	5.76	4.89	4.23	3.69		
	NT2RP3000815	1.91	1.91	5.92	4.49	5.57	3.08		
20	NT2RP3000818	4.35	4.35	11.29	6.64	10.49	8.27		
	NT2RP3000820	9.01	9.01	18.49	18.58	20.1	16.9		
	NT2RP3000821	2.13	2.13	4.83	3.28	5.19	2.02		
	NT2RP3000825	1.87	1.87	4.94	1.92	1.47	2.27		
25	NT2RP3000826	4.04	4.04	13.59	10.86	13.8	12.94		
	NT2RP3000836	5.33	5.33	11.61	11.55	14.11	13.3		
	NT2RP3000838	319.2	319.2	741.74	710.2	743.55	1049.86		
30	NT2RP3000839	2.35	2.35	6.67	4.53	6.38	4.36		
	NT2RP3000841	2.17	2.17	4.32	3.79	5.55	4.72		
	NT2RP3000845	3.96	3.96	8.89	5.76	6.71	7.85		
	NT2RP3000847	3.7	3.7	7.94	4.48	5.94	5.28		
35	NT2RP3000848	2.84	2.84	8.34	5.36	6.81	6.3		
	NT2RP3000850	5.67	5.67	7.04	6.58	11.29	7.47		
	NT2RP3000852	3.27	3.27	3.17	4.02	5.23	5.8	*	+
	NT2RP3000859	2.76	2.76	7.12	4.46	7.11	8.43		
40	NT2RP3000861	2.58	2.58	10.51	6.13	10.36	6.43		
	NT2RP3000862	15.29	15.29	24.16	16.36	9.81	23.13		
	NT2RP3000865	1.58	1.58	4.26	2.54	4.21	1.83		
45	NT2RP3000866	2.08	2.08	5.03	2.37	3.59	5.22		
	NT2RP3000868	2.2	2.2	7.09	3.04	3.84	2.28		
	NT2RP3000869	3.54	3.54	11.36	9.61	15.76	7.9		
	NT2RP3000871	1.75	1.75	3.79	1.81	3.24	1.94		
50	NT2RP3000875	0.99	0.99	4.25	2.57	2.71	3.64		
	NT2RP3000895	2.54	2.54	5.56	2.84	3.55	4.93		
	NT2RP3000900	6.01	6.01	11.86	11.3	7.7	14.58		
55	NT2RP3000901	3.67	3.67	7.03	4.11	6.39	5.3		
	NT2RP3000903	3.76	3.76	7.87	3.12	5.92	3.93		

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	NT2RP3000904	3.83	3.83	8.67	3.05	4.87	3.16		
	NT2RP3000907	5.66	5.66	10.03	8.94	10.67	10.14		
5	NT2RP3000913	6.04	6.04	15.01	17.87	25.57	17.37	*	+
	NT2RP3000917	7.64	7.64	16.58	7.66	6.56	13.51		
	NT2RP3000919	1.99	1.99	5.15	3.5	4.3	2.68		
	NT2RP3000921	2.26	2.26	7.67	4.88	4.07	6.51		
10	NT2RP3000942	2.66	2.66	3.89	2.68	4.12	2.63		
	NT2RP3000968	70.24	70.24	87.55	105.89	110.05	115.38	**	+
	NT2RP3000974	5.36	5.36	9.06	3.21	4.48	2.64		
15	NT2RP3000980	5.77	5.77	5.77	2.09	4.14	2.26	*	-
	NT2RP3000984	3.17	3.17	7.65	6.33	6.68	4.58		
	NT2RP3000994	2.09	2.09	4.88	2.4	3.14	3.37		
	NT2RP3001001	1.46	1.46	3.45	3.75	4.14	1.31		
20	NT2RP3001004	3.37	3.37	6.52	3.51	5.63	5.01		
	NT2RP3001007	4.46	4.46	9.87	10.02	10.62	6.81		
	NT2RP3001012	2.78	2.78	5.4	4.99	6.83	3.65		
25	NT2RP3001042	4.74	4.74	5.52	2.99	5.18	1.38		
	NT2RP3001044	6.26	6.26	7.12	7.16	6.76	4.92		
	NT2RP3001048	2.52	2.52	3.01	3.5	3.93	2.42		
	NT2RP3001050	1.79	1.79	4.99	4.68	5.94	4.7		
30	NT2RP3001055	6.55	6.55	15.6	16.48	12.44	20.49		
	NT2RP3001057	2.79	2.79	10.84	5.57	6.05	5.67		
	NT2RP3001061	3.18	3.18	6.57	5.03	7.85	5.42		
35	NT2RP3001069	6.03	6.03	14.95	18.49	17.53	15.08		
	NT2RP3001074	4.2	4.2	7.22	8.72	10	6.64		
	NT2RP3001078	5.11	5.11	7.29	7.51	8.72	5.18		
	NT2RP3001081	4	4	5.72	4.65	5.19	3.52		
40	NT2RP3001084	2.7	2.7	7.92	6.85	6.71	6.23		
	NT2RP3001095	1.57	1.57	3.88	3.69	3.68	3.42		
	NT2RP3001096	2.52	2.52	7.33	16.78	8.08	18.7	*	+
45	NT2RP3001097	3.65	3.65	4.28	6.42	8.11	8.5	**	+
	NT2RP3001107	3.69	3.69	4.79	3.77	4.03	2.37		
	NT2RP3001109	3.2	3.2	5.5	6.01	9.56	7.26	*	+
	NT2RP3001111	4.58	4.58	4.19	3.41	3.51	2.29	*	-
50	NT2RP3001112	12.61	12.61	18.48	25.73	29.85	24.61	**	+
	NT2RP3001113	1.21	1.21	2.59	2.47	3.24	2.19		
	NT2RP3001115	1.51	1.51	3.32	2.57	3.77	2.19		
	NT2RP3001116	1.01	1.01	2.66	2.55	4.4	2.91		
55	NT2RP3001119	3.69	3.69	6.75	9.07	6.67	5.44		

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	NT2RP3001120	5.02	5.02	8.24	8.85	7.87	6.71		
	NT2RP3001126	6.16	6.16	12.34	17.84	19.66	17.49	**	+
5	NT2RP3001127	6.93	6.93	6.76	4.79	7.63	6.36		
	NT2RP3001133	3.95	3.95	4.95	3.95	4.16	3.62		
	NT2RP3001140	1.46	1.46	2.43	3.21	2.38	6.71		
10	NT2RP3001147	3.16	3.16	6.96	16.08	14.49	13.84	**	+
	NT2RP3001150	1.99	1.99	4.32	4.06	5.68	3.76		
	NT2RP3001152	1.7	1.7	3.29	3.15	3.62	2.51		
	NT2RP3001155	2.95	2.95	4.35	3.68	4.35	3.58		
15	NT2RP3001156	4.38	4.38	6.57	2.91	5.72	5.67		
	NT2RP3001159	5.38	5.38	10.5	7.87	10.86	7.25		
	NT2RP3001170	7.38	7.38	5.96	6.12	8.01	4.56		
20	NT2RP3001176	3.49	3.49	10.75	6.27	8.23	9.49		
	NT2RP3001195	2.35	2.35	4.81	6.79	5.79	6.22	*	+
	NT2RP3001209	3.47	3.47	5.98	5.96	4.64	5.22		
	NT2RP3001214	1.63	1.63	4.91	3.44	3.87	3.81		
25	NT2RP3001216	3.58	3.58	6.38	6.25	4.33	3.6		
	NT2RP3001221	3.33	3.33	4.27	3.07	3.06	1.79		
	NT2RP3001226	5.96	5.96	29.04	21.93	31.45	17.76		
	NT2RP3001230	3.17	3.17	2.41	3.09	3.14	1.56		
30	NT2RP3001232	1.8	1.8	4.72	2.36	3.7	2.85		
	NT2RP3001236	1.68	1.68	4.3	1.7	3.26	1.47		
	NT2RP3001239	1.58	1.58	5.21	2.81	4.31	2.01		
35	NT2RP3001240	12.83	12.83	22.18	23.01	24.3	14.46		
	NT2RP3001245	3.53	3.53	9.88	4.08	6.36	3.39		
	NT2RP3001253	2.79	2.79	4.87	3.34	4.53	5.21		
	NT2RP3001259	6.62	6.62	11.97	12.33	15.62	11.83		
40	NT2RP3001260	3.74	3.74	5.15	3.45	5.44	3.97		
	NT2RP3001264	2.2	2.2	10.29	5.99	6.92	6.38		
	NT2RP3001268	2.25	2.25	7.18	4.93	4.72	4.35		
45	NT2RP3001271	7.06	7.06	16.29	13.07	12.27	14.24		
	NT2RP3001272	3.73	3.73	12.45	9.43	11.09	10.15		
	NT2RP3001274	6.08	6.08	8.09	6.72	6.35	5.11		
	NT2RP3001275	9.78	9.78	11.58	21.56	26.84	22.59	**	+
50	NT2RP3001280	3.39	3.39	5.5	3.58	5.24	4.18		
	NT2RP3001281	3.15	3.15	3.89	3.08	4.48	5.14		
	NT2RP3001288	49.31	49.31	103.24	124.07	142.92	164.41	*	+
	NT2RP3001297	6.39	6.39	42.01	37.04	42.75	41.14		
55	NT2RP3001300	5.23	5.23	15.92	16.78	17.41	17.76		

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	NT2RP3001301	2.91	2.91	6.59	3.96	4.58	3.9		
	NT2RP3001307	1.76	1.76	7.67	2.07	2.81	2.06		
5	NT2RP3001310	11.55	11.55	17.04	25.54	26.07	28.13	**	+
	NT2RP3001318	2.11	2.11	3.4	2.49	3.37	2.37		
	NT2RP3001322	3.58	3.58	5.23	2.62	3.84	5.48		
	NT2RP3001325	2.7	2.7	8.39	5.82	6.82	5.58		
10	NT2RP3001338	2.67	2.67	6.19	4.1	4.21	3.5		
	NT2RP3001339	2.53	2.53	5.64	3.08	4.89	2.91		
	NT2RP3001340	2.9	2.9	8.42	6.36	7.07	5.79		
15	NT2RP3001341	2.26	2.26	6.97	5.1	5.62	4.73		
	NT2RP3001354	3.22	3.22	9.77	4.28	6.93	9.35		
	NT2RP3001355	1.9	1.9	5.41	2.65	3.82	2.74		
	NT2RP3001356	2	2	5.34	2.59	3.2	3.55		
20	NT2RP3001359	1.09	1.09	4.05	1.63	2.5	1.75		
	NT2RP3001364	2.34	2.34	5.31	3.26	6.67	2.67		
	NT2RP3001373	1.12	1.12	3.22	2.1	3.74	1.71		
25	NT2RP3001374	1.9	1.9	4.17	3.18	3.92	3.1		
	NT2RP3001383	3.84	3.84	8.96	3.92	6.65	3.85		
	NT2RP3001384	4.11	4.11	9.47	3.54	4.46	2.41		
	NT2RP3001388	3.98	3.98	8.79	9.48	10.99	9.4		
30	NT2RP3001392	4.61	4.61	6.19	3.91	6.14	3.23		
	NT2RP3001396	1.7	1.7	6.39	4.04	4.66	4.53		
	NT2RP3001398	2.51	2.51	6.55	3.85	7.05	2.94		
35	NT2RP3001399	4.91	4.91	20.67	15.86	16.12	12.44		
	NT2RP3001402	6.46	6.46	36.36	33.37	41.61	39.66		
	NT2RP3001407	6.96	6.96	19.16	13.69	17.65	12.35		
	NT2RP3001416	7.92	7.92	15.88	13.02	18.3	14.72		
40	NT2RP3001420	5.33	5.33	6.4	3.27	3.64	1.8	*	-
	NT2RP3001425	3.73	3.73	4.92	4.74	5.67	3.15		
	NT2RP3001426	2.39	2.39	6.08	5.45	4.45	5.11		
45	NT2RP3001427	1.82	1.82	5.61	3.46	2.89	3.59		
	NT2RP3001428	2.42	2.42	6.29	5.69	4.81	3.77		
	NT2RP3001429	3.08	3.08	5.91	4.15	7.37	4.73		
	NT2RP3001432	2.14	2.14	6.61	3.72	4.44	3.58		
50	NT2RP3001439	4.14	4.14	6.39	5.87	7.27	4.41		
	NT2RP3001441	6.45	6.45	12.63	11.13	14.61	11.2		
	NT2RP3001446	4.99	4.99	4.99	4.64	5.22	4.39		
55	NT2RP3001447	2.72	2.72	5.21	6.64	5.14	6.33		
	NT2RP3001449	3.95	3.95	11.85	16.9	14.57	13.16	*	+

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	NT2RP3001453	1.84	1.84	3.66	3.5	4.4	2.81		
	NT2RP3001457	3.86	3.86	7.71	6.06	6.93	5.5		
5	NT2RP3001459	2.39	2.39	6.03	2.64	2.78	1.17		
	NT2RP3001463	2.77	2.77	6.74	5.93	5.94	3.98		
	NT2RP3001466	2.87	2.87	3.56	1.19	1.43	0.78	**	-
10	NT2RP3001472	5.74	5.74	4.02	3.7	4.85	4.32		
	NT2RP3001475	3.54	3.54	7.61	6.91	6.65	7.39		
	NT2RP3001479	2.54	2.54	6.66	4.37	5.69	5.16		
	NT2RP3001490	3.18	3.18	9.26	4.4	6.02	5.21		
15	NT2RP3001492	4.36	4.36	7.84	7.59	7.08	5.72		
	NT2RP3001495	4.14	4.14	3.85	2.75	2.92	1.76	*	-
	NT2RP3001497	5.8	5.8	6.32	7.47	9.96	6.8		
20	NT2RP3001501	5.36	5.36	5.52	3.12	4.49	3.43	*	-
	NT2RP3001527	4.89	4.89	6.71	4.9	5.14	3.52		
	NT2RP3001529	1.51	1.51	3.5	4.12	3.95	4.18	*	+
	NT2RP3001538	1.78	1.78	6.2	6.93	7.81	6.23		
25	NT2RP3001539	5.81	5.81	14.5	15.19	14.15	16.47		
	NT2RP3001542	1.52	1.52	5.26	4.23	4.38	2.13		
	NT2RP3001549	4.75	4.75	11.12	14.57	11.37	13.44		
30	NT2RP3001554	3.06	3.06	6.16	6.37	7.5	5.05		
	NT2RP3001560	4.96	4.96	5.73	4.67	6.35	2.36		
	NT2RP3001561	8.85	8.85	20.77	20.38	27.2	17.15		
	NT2RP3001564	1.54	1.54	8.24	6.43	4.53	5.96		
35	NT2RP3001568	2.1	2.1	7.68	11.84	10.29	8.49	*	+
	NT2RP3001575	3.94	3.94	7.24	6.39	6.97	6.16		
	NT2RP3001580	1.78	1.78	4.49	4.35	3.8	3.11		
	NT2RP3001587	4.38	4.38	8.74	10.75	10.04	7.77		
40	NT2RP3001589	3.17	3.17	8.21	5.6	7.79	4.36		
	NT2RP3001592	4.52	4.52	21.6	19	32.62	14.54		
	NT2RP3001607	3.42	3.42	1.86	1.59	2.8	1		
45	NT2RP3001608	1.05	1.05	3.59	2.41	1.73	2.31		
	NT2RP3001613	3.08	3.08	2.77	3.89	2.91	3.99		
	NT2RP3001619	4.31	4.31	8.15	7.69	6.45	7.62		
	NT2RP3001621	1.18	1.18	2.69	2.39	2.28	2.02		
50	NT2RP3001629	2.58	2.58	3.28	2.68	2.41	1.7		
	NT2RP3001630	3.39	3.39	4.56	1.67	2.02	1.17	**	-
	NT2RP3001631	9.01	9.01	14.34	18.65	21.16	15.24	*	+
55	NT2RP3001634	4	4	5.29	4.51	6.89	5.11		
	NT2RP3001642	3.71	3.71	7.45	5.77	4.41	5.09		

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	NT2RP3001646	1.56	1.56	3.7	0.89	2.79	0.95		
	NT2RP3001650	2.06	2.06	5.81	4.86	7.03	2.08		
5	NT2RP3001667	4.66	4.66	11.91	6.93	9.95	5.13		
	NT2RP3001671	2.28	2.28	7.98	7.7	4.69	5.99		
	NT2RP3001672	1.33	1.33	4.55	1.66	1.47	1.72		
10	NT2RP3001676	2.18	2.18	5.02	2.35	3.14	2.24		
	NT2RP3001678	2.86	2.86	9.24	5.12	5.14	6.03		
	NT2RP3001679	6.12	6.12	9.19	6.74	4.73	6.91		
	NT2RP3001682	1.82	1.82	5.09	4.45	6.18	3.35		
15	NT2RP3001685	3.02	3.02	6.74	3.52	6.53	3.01		
	NT2RP3001688	3.01	3.01	9.42	5.46	8.21	6.43		
	NT2RP3001690	3.21	3.21	4.87	2.91	3.54	2.99		
20	NT2RP3001693	5.69	5.69	10.93	16.59	18.34	16.12	**	+
	NT2RP3001696	2.28	2.28	3.63	1.77	3.68	3.39		
	NT2RP3001698	35.35	35.35	79.65	85.09	91.88	105.32		
	NT2RP3001708	4.82	4.82	8.78	6.34	6.95	9.01		
25	NT2RP3001712	8.69	8.69	16.06	10.22	14.19	13		
	NT2RP3001716	1.44	1.44	5.45	2.14	3.42	2.31		
	NT2RP3001724	2.75	2.75	6	4.08	4.54	2.63		
	NT2RP3001727	11.73	11.73	38.73	39.17	49.36	31.26		
30	NT2RP3001729	3.36	3.36	4.7	5.69	6.55	3.06		
	NT2RP3001730	12.54	12.54	26.52	12.53	19.94	16.4		
	NT2RP3001733	1.46	1.46	3.04	2.09	3.7	1.62		
35	NT2RP3001737	3.02	3.02	7.12	4.62	5.49	2.78		
	NT2RP3001738	1.59	1.59	8.22	3.38	6.01	3.03		
	NT2RP3001739	3.26	3.26	5.25	5.63	6.1	2.51		
	NT2RP3001742	2.54	2.54	5.36	3.86	4.55	4.03		
40	NT2RP3001751	3.61	3.61	11.54	9.94	12.82	8.76		
	NT2RP3001752	2.58	2.58	7.01	2.1	3.59	2.76		
	NT2RP3001753	5.73	5.73	9.48	10.83	15.3	13.69	*	+
45	NT2RP3001754	4.63	4.63	9.08	5.86	3.73	5.33		
	NT2RP3001756	4.66	4.66	7.36	9.37	5.75	8.03		
	NT2RP3001764	2.1	2.1	3.76	2.54	4.25	2.49		
	NT2RP3001771	2.63	2.63	3.2	1.52	4.14	1.22		
50	NT2RP3001777	2.59	2.59	5.99	3.25	5.19	3.26		
	NT2RP3001782	3.52	3.52	14.68	6.47	6.63	6.47		
	NT2RP3001792	2.27	2.27	4.35	2.91	4.09	1.35		
55	NT2RP3001799	1.76	1.76	5.18	5.71	6.36	5.68		
	NT2RP3001819	1.36	1.36	4.54	1.7	1.52	2.06		

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	NT2RP3001829	21.63	21.63	43.14	35.64	17.14	24.87		
	NT2RP3001836	7.31	7.31	10.67	15.24	7.26	11.37		
5	NT2RP3001839	18.86	18.86	31.77	31.97	19.23	17.53		
	NT2RP3001844	4.15	4.15	11.37	8.33	9.59	8.54		
	NT2RP3001848	9.61	9.61	52.04	44.52	74.75	43.87		
10	NT2RP3001854	6.41	6.41	11.29	12.86	16.75	13.26	*	+
	NT2RP3001855	2.27	2.27	3.94	1.87	1	1.74		
	NT2RP3001857	3.1	3.1	5.22	5.13	5.6	3.33		
	NT2RP3001858	1.53	1.53	4.45	4.41	6.04	2.97		
15	NT2RP3001861	7.35	7.35	16.34	11.85	14.46	10.42		
	NT2RP3001866	4.35	4.35	9.63	5.52	10.42	7.93		
	NT2RP3001871	4.82	4.82	6.34	5.55	6.38	4.55		
20	NT2RP3001874	6.8	6.8	9.73	7.72	11.19	6.14		
	NT2RP3001878	5.98	5.98	6.35	4.59	6.89	5.02		
	NT2RP3001885	3.21	3.21	5.3	5.65	5.25	4.42		
	NT2RP3001896	1.64	1.64	3.49	3.37	2.13	2.02		
25	NT2RP3001898	9.03	9.03	17.69	14.71	8.69	11.94		
	NT2RP3001899	3.21	3.21	7.33	4.52	6.9	5.81		
	NT2RP3001901	4.58	4.58	9.18	8.19	9.44	9.21		
30	NT2RP3001915	4.84	4.84	11.12	14.09	15.67	14.04	*	+
	NT2RP3001926	2.8	2.8	4.88	2.47	2.45	1.65		
	NT2RP3001929	3.74	3.74	4.06	2.56	3.38	0.86		
	NT2RP3001931	4.63	4.63	5.26	3.9	5.62	2.98		
35	NT2RP3001938	2.27	2.27	5.53	4.93	3.93	4.75		
	NT2RP3001943	3.27	3.27	5.36	5.77	6.5	5.56		
	NT2RP3001944	1.77	1.77	3.72	4.08	5.91	4.34		
40	NT2RP3001945	4.25	4.25	12.2	11.86	11.78	6.11		
	NT2RP3001947	2.94	2.94	5.89	4.06	5.41	3.4		
	NT2RP3001949	4.21	4.21	8.9	10.49	11.08	8.08		
	NT2RP3001952	23.54	23.54	43.64	48.59	88.56	41.86		
45	NT2RP3001954	5.06	5.06	3.68	4.34	4.79	1.85		
	NT2RP3001956	4.97	4.97	9.44	7.76	8.22	6.29		
	NT2RP3001967	3.78	3.78	7.74	6.7	5.37	5.66		
	NT2RP3001969	1.71	1.71	2.91	4.05	4.39	3.62	*	+
50	NT2RP3001976	2.25	2.25	4.67	6.22	6.25	4.84	*	+
	NT2RP3001986	3.55	3.55	3.88	3.43	2.82	2.19		
	NT2RP3001989	3.76	3.76	5.23	2.86	3.58	2.54		
	NT2RP3002002	6.68	6.68	9.47	6.25	8.85	3.86		
55	NT2RP3002004	5.02	5.02	6.23	3.79	5.74	3.55		

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	NT2RP3002007	1.29	1.29	2.3	3.46	4.05	1.69		
	NT2RP3002014	1.38	1.38	6.23	6.04	6.24	4.21		
5	NT2RP3002015	3.61	3.61	10.33	14.17	9.94	8.85		
	NT2RP3002033	1.54	1.54	5.03	7.29	5.03	3.65		
	NT2RP3002045	1.89	1.89	5.29	4.67	4.36	2.5		
	NT2RP3002054	5.26	5.26	8.12	6.27	9.17	5.42		
10	NT2RP3002056	5.67	5.67	5.52	4.24	4.24	2.7	*	-
	NT2RP3002057	4.35	4.35	3.5	2.87	2.41	0.81	*	-
	NT2RP3002061	4.71	4.71	13.94	8.64	8.9	10.74		
15	NT2RP3002062	0.8	0.8	2.42	3.58	3.26	1.11		
	NT2RP3002063	5.61	5.61	10.31	9.29	9.3	7.31		
	NT2RP3002064	2.6	2.6	3.37	2.72	3.74	2.52		
	NT2RP3002071	1.6	1.6	3.91	1.99	3.29	1.45		
20	NT2RP3002073	6.47	6.47	9.55	10.45	11.13	8.64		
	NT2RP3002074	4.2	4.2	7.25	6.33	7.82	4.24		
	NT2RP3002075	7.58	7.58	11.93	21.64	30.17	18.15	*	+
25	NT2RP3002077	3.81	3.81	5.95	2.48	3.05	2.78		
	NT2RP3002081	4.25	4.25	7.55	13.22	12.62	11.13	**	+
	NT2RP3002086	3.86	3.86	9.77	5.59	8.66	6.95		
	NT2RP3002094	7.34	7.34	10.28	13.84	14.79	11.67	*	+
30	NT2RP3002096	1.98	1.98	4.53	1.28	3.12	1.73		
	NT2RP3002097	3.77	3.77	6.16	6.1	8.34	6.88		
	NT2RP3002098	1.61	1.61	4.3	1.04	1.8	1.46		
35	NT2RP3002102	2	2	4.86	3.11	3.4	3.16		
	NT2RP3002106	2.74	2.74	4.98	2.83	4.9	2.51		
	NT2RP3002108	3.69	3.69	7.8	3.11	3.39	3.15		
	NT2RP3002109	12.49	12.49	32.04	31.61	27.15	25.12		
40	NT2RP3002110	36.38	36.38	54.93	55.24	58.94	46.55		
	NT2RP3002113	11.15	11.15	13.99	10.66	15.22	11.44		
	NT2RP3002120	2.22	2.22	4.42	2.31	4.13	2.7		
45	NT2RP3002121	5.93	5.93	14.39	13.38	14.39	15.06		
	NT2RP3002126	34.03	34.03	108.96	121.18	130.55	142.49	*	+
	NT2RP3002128	4.06	4.06	8.23	3.36	6.87	3.92		
	NT2RP3002130	8.29	8.29	18.59	11.69	10.7	14.03		
50	NT2RP3002133	14.24	14.24	18.31	10.06	8.3	19.51		
	NT2RP3002136	10.32	10.32	15.42	12.49	17.64	17.49		
	NT2RP3002140	3.13	3.13	6.35	6.15	3.9	4.16		
	NT2RP3002142	16.86	16.86	50.85	56.54	81.25	62.65	*	+
55	NT2RP3002146	4	4	7.22	5.14	9.31	6.56		

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	NT2RP3002147	3.8	3.8	10.45	6.06	7.4	6.2	
	NT2RP3002151	5.62	5.62	10.64	6.27	4.43	7.33	
5	NT2RP3002155	1.62	1.62	3.27	2.01	4.98	0.8	
	NT2RP3002156	3.15	3.15	4.82	2.55	4.08	2.42	
	NT2RP3002160	1.57	1.57	3.43	1.36	3.43	1.56	
10	NT2RP3002163	20.86	20.86	55.1	35.13	44.03	32.6	
	NT2RP3002165	4.17	4.17	3.67	6.21	8.31	4.86	
	NT2RP3002166	4.04	4.04	10.53	7.76	8.79	5.58	
	NT2RP3002173	2.24	2.24	5.75	2.95	3.34	3.53	
15	NT2RP3002174	8.41	8.41	15.8	13.21	7.82	14.77	
	NT2RP3002181	1.1	1.1	3.46	1.87	3.51	1.61	
	NT2RP3002185	2.69	2.69	4.51	2.94	4.35	2.61	
20	NT2RP3002193	5.51	5.51	13.38	16.39	15.35	11.36	
	NT2RP3002204	5.66	5.66	12.49	17.04	24.14	18.95	* - +
	NT2RP3002244	4.03	4.03	8.29	5.28	6.11	4.8	
	NT2RP3002248	5.42	5.42	11.1	8.19	11.78	6.52	
25	NT2RP3002253	2.61	2.61	9.3	9.66	11.26	6.18	
	NT2RP3002255	11.07	11.07	26.56	22.78	11.53	20.93	
	NT2RP3002264	3.06	3.06	5.54	5.88	7.37	4.07	
	NT2RP3002267	1.26	1.26	4.33	3.1	4.65	1.82	
30	NT2RP3002273	7.51	7.51	12.98	10.15	13.8	12.11	
	NT2RP3002276	5.22	5.22	7.89	3.08	7.68	3.48	
	NT2RP3002281	6.37	6.37	6.83	7.45	8.46	3.44	
35	NT2RP3002286	3	3	4.79	3.54	4.34	3.88	
	NT2RP3002297	10.62	10.62	29.36	22.26	20.57	23.93	
	NT2RP3002301	5.73	5.73	13.24	9.47	7.55	6.21	
	NT2RP3002303	3.01	3.01	6.39	5.29	6.65	4.58	
40	NT2RP3002304	2.66	2.66	7.17	6.3	7.3	4.91	
	NT2RP3002309	2.3	2.3	7.18	9.26	13	4.39	
	NT2RP3002311	4.54	4.54	6.67	3.17	4.02	1.83	
45	NT2RP3002315	15.27	15.27	20.91	25.82	33.13	21.82	
	NT2RP3002319	2.37	2.37	5.06	3.07	3.51	2.38	
	NT2RP3002324	8.97	8.97	61.42	49.85	51.23	55.4	
	NT2RP3002330	4.74	4.74	8.33	10.31	8.24	8.15	
50	NT2RP3002333	5.13	5.13	14.32	13.14	13.65	8.12	
	NT2RP3002337	2.61	2.61	5.14	4.8	5.57	4.87	
	NT2RP3002342	5.16	5.16	11.56	5.52	7.51	6.43	
	NT2RP3002343	3.38	3.38	7.29	5.8	7.03	4.13	
55	NT2RP3002351	4.32	4.32	4.55	4.38	3.9	2.55	

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	NT2RP3002352	6.3	6.3	8.01	4.4	6.76	4.31		
	NT2RP3002353	3	3	4.85	4.87	6.18	5.9		
5	NT2RP3002362	5	5	11.74	15.86	11.03	10.49		
	NT2RP3002363	2.41	2.41	3.67	5.53	6.17	2.32		
	NT2RP3002377	2.61	2.61	5.47	6.8	7.31	4.73		
10	NT2RP3002377	4.47	4.47	7.73	11.4	5.31	7.09		
	NT2RP3002394	5.58	5.58	7.35	7.82	10.17	4.46		
	NT2RP3002397	3.77	3.77	4.81	2.7	3.12	1.68	*	-
	NT2RP3002399	4.61	4.61	7.69	14.65	13.02	16.16	**	+
15	NT2RP3002402	2.84	2.84	6.99	8.94	8.7	6.99		
	NT2RP3002404	2.88	2.88	5.6	3.12	3.73	1.83		
	NT2RP3002410	4.85	4.85	15.65	17.05	14.13	10.65		
	NT2RP3002411	2.98	2.98	5.68	3.7	5.29	2.85		
20	NT2RP3002414	5.62	5.62	9.35	10.28	6.81	7.92		
	NT2RP3002430	5.11	5.11	14.63	18.24	19.29	14.51		
	NT2RP3002448	5.4	5.4	4.6	4.35	5.25	3.62		
25	NT2RP3002454	7.3	7.3	15.31	12.9	12.71	9.32		
	NT2RP3002455	4.62	4.62	12.11	14.31	9.11	13.25		
	NT2RP3002456	3.21	3.21	7.75	7.09	6.57	5.9		
	NT2RP3002462	2.79	2.79	4.16	4.94	6.17	4.79	*	+
30	NT2RP3002469	3.84	3.84	6.38	9.24	6.78	8.07	*	+
	NT2RP3002470	6.7	6.7	14.71	17.86	16.99	13.48		
	NT2RP3002484	4.01	4.01	6.86	6.81	8.01	4.59		
35	NT2RP3002491	3.62	3.62	4.1	2.05	2.51	1.46	**	-
	NT2RP3002494	79.24	79.24	131.02	118.47	163.2	105.2		
	NT2RP3002497	1.07	1.07	1.57	2.37	1.39	1.37		
	NT2RP3002500	1.23	1.23	1.13	2.72	2.02	2.07	**	+
40	NT2RP3002501	5.25	5.25	8.49	8.45	8.11	9.69		
	NT2RP3002512	2.85	2.85	3.97	3.3	2.74	3.57		
	NT2RP3002529	3.94	3.94	7.5	6.59	5.14	5.85		
45	NT2RP3002533	7.95	7.95	10.26	9.79	10.51	8.18		
	NT2RP3002539	4.39	4.39	4.32	5.66	6.61	2.85		
	NT2RP3002540	5.24	5.24	5.5	3.48	4.76	3.65	*	-
	NT2RP3002543	3.44	3.44	7.17	4.93	6.21	5.31		
50	NT2RP3002545	7.34	7.34	7.46	5.17	5.52	6.8	*	-
	NT2RP3002549	3.27	3.27	7.8	4.98	6.11	4.54		
	NT2RP3002552	3.05	3.05	6.04	4.17	5.81	4.06		
	NT2RP3002558	9.54	9.54	9.39	9.93	4.26	11.27		
55	NT2RP3002565	1.94	1.94	4.83	1.73	2.48	1.52		

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	NT2RP3002566	3.62	3.62	7.02	4.03	8.51	3.65		
	NT2RP3002571	2.53	2.53	4.85	3.77	5.41	3.74		
5	NT2RP3002572	2.98	2.98	5.28	4.75	4.74	5.21		
	NT2RP3002573	4.31	4.31	11.38	7.06	9.48	7.06		
	NT2RP3002577	1.57	1.57	4.61	2.71	2.32	1.9		
	NT2RP3002579	3.92	3.92	6.41	4.03	7.75	11.16		
10	NT2RP3002582	5.02	5.02	7.17	11.51	14.07	8.45	*	+
	NT2RP3002587	1.9	1.9	3.13	2.68	3.04	1.97		
	NT2RP3002590	3.16	3.16	5.65	9.06	10.39	8.06	**	+
15	NT2RP3002602	3.02	3.02	4.24	3.95	5.85	3.77		
	NT2RP3002603	71.53	71.53	214.41	268.41	257.84	298.26	*	+
	NT2RP3002621	1.95	1.95	3.42	2.13	5.13	1.85		
	NT2RP3002622	2.63	2.63	7.38	3.7	7.36	4.67		
20	NT2RP3002624	2.29	2.29	7.4	4.04	4.9	3.64		
	NT2RP3002628	6.36	6.36	16.17	19.57	22.15	16.21		
	NT2RP3002629	8.96	8.96	13.58	15.4	18.26	15.57	*	+
25	NT2RP3002631	1.95	1.95	1.67	0.91	1.65	1.69		
	NT2RP3002647	4.04	4.04	4.01	5.44	7.16	4.6		
	NT2RP3002649	2.99	2.99	5.99	2.15	5.84	3.23		
	NT2RP3002650	3.32	3.32	11.62	4.98	8.53	6.88		
30	NT2RP3002652	2.27	2.27	6.59	4.91	6.83	4.25		
	NT2RP3002654	3.05	3.05	7.5	5.58	5.4	4.2		
	NT2RP3002657	14.14	14.14	13.87	17.27	26.08	18.87		
35	NT2RP3002659	1.92	1.92	6.01	3.91	5.78	3.47		
	NT2RP3002660	3.09	3.09	4.84	3.77	7.72	3.52		
	NT2RP3002663	2.39	2.39	3.33	2.54	3.13	2.84		
	NT2RP3002664	2.74	2.74	7.28	3.65	2.56	2.13		
40	NT2RP3002667	2.92	2.92	6.59	6.63	5.46	5.35		
	NT2RP3002671	2.37	2.37	5.02	3.91	5.52	4.11		
	NT2RP3002682	6.34	6.34	20.62	14.37	17.64	21.7		
45	NT2RP3002684	4	4	6.34	3.32	6.16	3.18		
	NT2RP3002687	3.25	3.25	6.22	2.7	3.87	6.41		
	NT2RP3002688	3.22	3.22	4.98	2.63	3.91	2.61		
	NT2RP3002698	2.2	2.2	3.99	3.07	4.28	2.38		
50	NT2RP3002701	2.93	2.93	6.73	3.45	3.07	3.6		
	NT2RP3002705	2.17	2.17	8.01	4.36	8.76	4.72		
	NT2RP3002708	3.69	3.69	9.88	5.64	7.34	4.9		
55	NT2RP3002711	6.67	6.67	7.85	7.77	7.56	6.69		
	NT2RP3002712	55.99	55.99	75.28	146.74	168.42	130.64	**	+

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	NT2RP3002713	4.31	4.31	7.06	2.66	2.19	1.87	*	-
	NT2RP3002721	5.77	5.77	10.06	11.06	16.94	8.96		
5	NT2RP3002722	7.11	7.11	10.08	7.8	6.45	6.62		
	NT2RP3002723	42.31	42.31	75.85	60.39	46.74	58.76		
	NT2RP3002737	8.35	8.35	18.1	10.97	11.6	9.37		
	NT2RP3002738	1.9	1.9	6.13	3.09	5.23	3.54		
10	NT2RP3002742	14.11	14.11	23.22	30.39	28.27	27.66	*	+
	NT2RP3002744	4.09	4.09	5.24	3.92	4.92	1.71		
	NT2RP3002756	5.8	5.8	5.8	3.19	2.68	1.55	**	-
15	NT2RP3002757	12	12	17.79	19.76	24.24	19.75	*	+
	NT2RP3002758	21.11	21.11	42.35	44.47	63.91	36.38		
	NT2RP3002762	5.07	5.07	8.82	7.21	7.43	7.76		
	NT2RP3002763	1.62	1.62	4.86	3.76	4.99	2.18		
20	NT2RP3002770	1.78	1.78	5.14	3.46	3.7	2.93		
	NT2RP3002771	17.04	17.04	39.53	24.93	40.21	34.4		
	NT2RP3002785	2.42	2.42	5.45	3.36	4.09	2.66		
25	NT2RP3002790	4.65	4.65	4.22	3.16	3.57	2.33	*	-
	NT2RP3002799	4.73	4.73	6.33	3.42	2.7	1.43	*	-
	NT2RP3002801	4.14	4.14	3.59	3.6	3.22	2.49		
	NT2RP3002802	2.31	2.31	6.3	6.78	5.43	4.4		
30	NT2RP3002810	2.98	2.98	5.41	7.44	12.32	13.27	*	+
	NT2RP3002818	1.5	1.5	2.44	2.18	4.16	2.47		
	NT2RP3002821	12.8	12.8	33.14	26.1	35.81	23.02		
35	NT2RP3002823	3.85	3.85	8.98	4.65	5.92	3.87		
	NT2RP3002825	5.47	5.47	13.04	13.47	19.19	7.12		
	NT2RP3002829	5.37	5.37	6.25	4.75	4.89	3.8		
	NT2RP3002831	4.01	4.01	6.13	9.07	8.77	5.19		
40	NT2RP3002836	7.33	7.33	19.42	11.56	16.91	20.66		
	NT2RP3002845	4.17	4.17	6.63	7.87	8.6	8.45	*	+
	NT2RP3002852	3.37	3.37	7.57	7.8	8.72	8.21		
	NT2RP3002861	3.82	3.82	6.4	7.34	7.35	4.63		
45	NT2RP3002869	3.66	3.66	3.26	2.49	1.86	0.49	*	-
	NT2RP3002874	11.25	11.25	21.44	25.33	31.95	25.54	*	+
	NT2RP3002876	6.98	6.98	11.06	12.8	14.93	14.39	*	+
50	NT2RP3002877	4.7	4.7	5.96	3.3	5.24	2.53		
	NT2RP3002887	0.47	0.47	3.42	2.81	3.53	3.91		
	NT2RP3002900	6.46	6.46	19.64	21.86	21.54	22.3		
	NT2RP3002902	4.01	4.01	10.25	11.72	8.52	8.06		
55	NT2RP3002909	2.61	2.61	6.19	6.67	5.38	3.93		

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	NT2RP3002911	3.05	3.05	3.68	3.09	3.73	2.24		
	NT2RP3002948	4.09	4.09	4.81	2.73	4.44	2.07		
5	NT2RP3002953	3.85	3.85	3.6	2.27	2.52	0.84	*	-
	NT2RP3002955	6.55	6.55	3.78	1.93	2.47	0.86	*	-
	NT2RP3002958	5.85	5.85	11.4	16.5	10.57	16.64		
10	NT2RP3002969	4.28	4.28	8.27	12.91	7.49	7.33		
	NT2RP3002972	3.55	3.55	4.82	4.41	6.18	2.29		
	NT2RP3002978	1.48	1.48	2.99	2.61	3.7	1.49		
	NT2RP3002983	2.89	2.89	4.69	4.46	6.12	4.37		
15	NT2RP3002985	4.23	4.23	17.87	13.64	20.26	11.12		
	NT2RP3002988	3.97	3.97	4.6	4.12	5.64	4.13		
	NT2RP3003000	3.11	3.11	3.46	2.46	3.2	1.51		
20	NT2RP3003008	3.26	3.26	5.87	3.95	4.55	2.96		
	NT2RP3003012	3.43	3.43	6.06	3.9	4.96	2.79		
	NT2RP3003015	1.35	1.35	4.9	1.5	2.5	0.54		
	NT2RP3003018	2.15	2.15	6.09	3.45	7.24	2.59		
25	NT2RP3003028	3.53	3.53	7.23	3.5	5.05	4.01		
	NT2RP3003029	111.75	111.75	149.73	175.13	159.77	181.4	*	+
	NT2RP3003032	7.06	7.06	9.05	11.87	18.84	9.94		
30	NT2RP3003041	2.07	2.07	1.88	1.61	1.41	0.69		
	NT2RP3003044	3.06	3.06	7.45	5.72	6.11	7.57		
	NT2RP3003047	3.09	3.09	5.16	2.4	4.67	2.06		
	NT2RP3003050	5.96	5.96	12.03	6.74	10.3	8.42		
35	NT2RP3003053	7.46	7.46	18	14.42	17.14	13.72		
	NT2RP3003059	1.93	1.93	4.76	2.88	4.41	3.06		
	NT2RP3003061	2.8	2.8	8.59	5.49	5.68	5.16		
	NT2RP3003068	5.99	5.99	11.77	9.41	8.75	10.04		
40	NT2RP3003071	7.22	7.22	10.77	10.39	14.52	10.39		
	NT2RP3003076	2.67	2.67	9.49	6.57	6.57	4.01		
	NT2RP3003078	1.5	1.5	4.12	2.09	4.52	2.43		
45	NT2RP3003081	6.21	6.21	10.54	9.94	9.6	9.97		
	NT2RP3003090	1.49	1.49	5.95	3.28	3.57	3.25		
	NT2RP3003097	2.42	2.42	7.15	2.71	3.72	2.93		
	NT2RP3003098	2.75	2.75	4.22	2.73	3.43	1.73		
50	NT2RP3003101	5.56	5.56	7.24	7.73	10.35	7.18		
	NT2RP3003109	16.11	16.11	27.38	27.36	41.03	21.91		
	NT2RP3003121	3.39	3.39	11.03	4.61	8	2.44		
	NT2RP3003133	2.09	2.09	5.78	4.93	8.58	3.96		
55	NT2RP3003137	3.42	3.42	5.74	6.32	7.59	5.29		

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	NT2RP3003138	2.36	2.36	5.27	5.26	5.7	3.74		
	NT2RP3003139	2.53	2.53	7.8	3.15	5.74	2.7		
5	NT2RP3003145	5.08	5.08	32.56	25.8	29.74	19.72		
	NT2RP3003150	2.03	2.03	5.17	3.56	3.76	1.97		
	NT2RP3003157	2.52	2.52	8.34	6.4	10.1	4.94		
	NT2RP3003185	1.77	1.77	3.88	1.91	3.34	2.62		
10	NT2RP3003193	2.62	2.62	5.75	6.03	4.59	2.65		
	NT2RP3003197	2.38	2.38	3.8	3.11	4.02	2.2		
	NT2RP3003203	11.82	11.82	14.35	16.85	10.17	15.27		
15	NT2RP3003204	3.76	3.76	7.93	4.04	6.17	3.79		
	NT2RP3003210	14.48	14.48	75.3	58.97	84.6	68.66		
	NT2RP3003212	5.15	5.15	9.44	9.21	10.67	7.36		
	NT2RP3003213	4.16	4.16	5.68	5.15	7.02	5.44		
20	NT2RP3003224	1.7	1.7	4.75	2.43	2.11	2.64		
	NT2RP3003226	3.25	3.25	5.68	6.57	5.94	3.63		
	NT2RP3003230	7.79	7.79	11.47	12.39	8.89	6.72		
25	NT2RP3003235	7.61	7.61	10.79	7.77	7.73	6.89		
	NT2RP3003242	12.17	12.17	23.49	26.68	32.03	19.25		
	NT2RP3003251	5.61	5.61	9.47	3.73	4.95	4.08		
	NT2RP3003252	3.95	3.95	5.95	2.19	3.7	2.42		
30	NT2RP3003258	4.92	4.92	7.89	19.94	24.95	15.47	**	+
	NT2RP3003260	4.54	4.54	12.34	13.46	11.52	12.68		
	NT2RP3003264	1.64	1.64	5.99	3.18	4.32	1.86		
35	NT2RP3003273	2.18	2.18	4.93	4.57	3.58	1.72		
	NT2RP3003278	1.33	1.33	4	1.31	5.12	0.63		
	NT2RP3003280	9.85	9.85	23.11	18.18	19.52	18.19		
	NT2RP3003282	5.29	5.29	6.25	3.62	3.97	3.48	**	-
40	NT2RP3003290	6.64	6.64	9.09	4.8	5.38	3.78	*	-
	NT2RP3003301	4.01	4.01	5.73	4.31	4.59	3.23		
	NT2RP3003302	1.45	1.45	2.31	2.91	2.64	1.91		
45	NT2RP3003311	2.45	2.45	6.76	15.72	13.09	11.55	**	+
	NT2RP3003312	1.81	1.81	3.35	3.73	3.87	2.41		
	NT2RP3003313	1.61	1.61	4.2	2.91	5.4	2.87		
	NT2RP3003327	1.62	1.62	6.24	4.81	4.95	3.34		
50	NT2RP3003330	5.13	5.13	8.01	15.68	16.13	12.78	**	+
	NT2RP3003344	3.36	3.36	4.14	2.92	3.74	2.6		
	NT2RP3003346	3.81	3.81	4.83	4.38	4.05	1.24		
	NT2RP3003349	4.04	4.04	6.93	9.96	9.41	9.65	**	+
55	NT2RP3003353	1.95	1.95	3.24	4.06	5.37	2.45		

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	NT2RP3003354	5.09	5.09	13.72	16.29	12.02	13.5		
	NT2RP3003368	3.03	3.03	4.73	4.04	4.08	2.63		
5	NT2RP3003375	4.1	4.1	7.4	7.41	9.67	6.62		
	NT2RP3003377	4.16	4.16	3.98	2.57	3.58	1.65		
	NT2RP3003384	5.77	5.77	4.55	2.83	3.43	2.56	**	-
	NT2RP3003385	4.55	4.55	3.12	1.9	2.36	1.47	*	-
10	NT2RP3003396	3.93	3.93	13.63	16.4	8.38	12.32		
	NT2RP3003403	1.62	1.62	2.54	3.24	4.73	1.92		
	NT2RP3003409	1.18	1.18	2.97	3.3	4.48	3.03		
15	NT2RP3003411	4.59	4.59	15.42	14.11	15.42	10.96		
	NT2RP3003420	3.79	3.79	4.36	3.68	2.13	1.85		
	NT2RP3003425	3.25	3.25	6.71	5.85	7.25	5.49		
	NT2RP3003426	9.11	9.11	16.3	10.88	11.12	17.45		
20	NT2RP3003427	5.95	5.95	10.09	9.15	13.58	8.03		
	NT2RP3003433	2.55	2.55	6.26	8.42	9.57	4.87		
	NT2RP3003437	22.12	22.12	49.85	51.81	44	38.77		
25	NT2RP3003448	1.88	1.88	4.24	3.5	3.83	2.63		
	NT2RP3003455	5.23	5.23	12.16	11.8	9.96	8.44		
	NT2RP3003462	4.96	4.96	10.07	10.76	8.25	7.08		
	NT2RP3003464	3.79	3.79	5.03	3.01	4.76	1.2		
30	NT2RP3003469	4.1	4.1	7.77	6.62	7.56	5.07		
	NT2RP3003473	22.06	22.06	36.6	54.82	69.25	56.46	**	+
	NT2RP3003474	8.26	8.26	23.04	13.23	12.04	13.52		
35	NT2RP3003475	2.84	2.84	4.04	4.55	4.45	3.28		
	NT2RP3003490	2.7	2.7	5.81	4.21	4.43	3.12		
	NT2RP3003491	2.26	2.26	3	2.14	2.75	1.26		
	NT2RP3003493	11.75	11.75	30.77	34.59	28.9	34.45		
40	NT2RP3003500	4.93	4.93	5.26	4.99	7.46	3.65		
	NT2RP3003527	2.73	2.73	3.09	2.42	2.92	1.72		
	NT2RP3003532	2.7	2.7	1.81	2.14	3.33	2.13		
45	NT2RP3003535	3.14	3.14	4.37	1.92	3.4	2.19		
	NT2RP3003536	3.04	3.04	5.95	3.45	5.2	4.97		
	NT2RP3003543	2.61	2.61	6.24	3.21	4.81	3.83		
	NT2RP3003549	1.43	1.43	6.66	2.18	4.07	1.55		
50	NT2RP3003552	1.8	1.8	5.76	0.64	0.84	1.58		
	NT2RP3003555	4.4	4.4	14.14	12.16	17.43	16.23		
	NT2RP3003559	2.81	2.81	6.7	3.88	5.11	5.49		
	NT2RP3003564	3.11	3.11	5.9	2.24	4.6	5.25		
55	NT2RP3003572	2.1	2.1	4.21	1.88	3.02	2.32		

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	NT2RP3003576	5.88	5.88	10.15	11.32	8.98	9.22		
	NT2RP3003587	7.39	7.39	12.41	10.01	12.71	12.75		
5	NT2RP3003589	15.33	15.33	22.45	23.89	23.75	26.58		
	NT2RP3003592	7.77	7.77	10.4	8.42	14.48	9.74		
	NT2RP3003593	8.16	8.16	13.62	13.47	13.84	110.49		
	NT2RP3003614	2.66	2.66	8.18	3.11	4.48	7.09		
10	NT2RP3003621	1.64	1.64	3.91	2.1	3.68	2.96		
	NT2RP3003625	1.54	1.54	6.94	3.79	5.09	4.96		
	NT2RP3003627	6.73	6.73	20.05	16.23	13.97	25.71		
15	NT2RP3003636	3.3	3.3	7.74	5.99	3.79	10.4		
	NT2RP3003642	7.12	7.12	12.2	12.85	13.15	15.83		
	NT2RP3003645	2.91	2.91	6.07	2.23	2.42	3.53		
	NT2RP3003648	2.88	2.88	3.71	2.17	2.44	3.13		
20	NT2RP3003649	2.7	2.7	9.28	6.36	5.11	12.04		
	NT2RP3003650	2.65	2.65	4.25	4.38	3.16	4.09		
	NT2RP3003656	1.69	1.69	3.23	1.94	4.12	3		
25	NT2RP3003659	2.76	2.76	4.56	2.14	4.8	4.88		
	NT2RP3003662	31.39	31.39	53.28	34.35	14.68	34.64		
	NT2RP3003664	3.56	3.56	6.5	6.18	5.45	6.55		
	NT2RP3003665	1.89	1.89	4.83	2.07	2.8	4.96		
30	NT2RP3003671	2.88	2.88	4.33	3.03	2.6	4.29		
	NT2RP3003672	4.78	4.78	9.8	10.69	14.73	16.35	*	+
	NT2RP3003673	4.98	4.98	9.42	5.35	3.05	4.12		
35	NT2RP3003679	40.1	40.1	95.75	69.92	23.86	83.88		
	NT2RP3003680	3.13	3.13	5.38	3.96	4.58	5.88		
	NT2RP3003686	2.22	2.22	4.43	2.84	4.85	2.25		
	NT2RP3003689	4.05	4.05	9.69	5.94	5.63	8.27		
40	NT2RP3003697	13.79	13.79	120.74	108.93	77.49	68.74		
	NT2RP3003701	2.7	2.7	5.17	2.58	3.05	2.57		
	NT2RP3003704	2.99	2.99	6.96	7.09	7.61	6.96		
	NT2RP3003714	1.39	1.39	4.25	1.68	0.89	1.14		
45	NT2RP3003716	2.05	2.05	4.23	3	2.29	2.24		
	NT2RP3003721	1.83	1.83	3.27	1.85	3.45	2.18		
	NT2RP3003722	3.45	3.45	8.18	8.08	7.79	5.45		
50	NT2RP3003726	3.5	3.5	4.9	2.77	4.51	2.32		
	NT2RP3003729	4.1	4.1	8.53	4.22	5.44	4.6		
	NT2RP3003731	5.06	5.06	6.98	4.19	3.54	7.45		
	NT2RP3003740	2.58	2.58	5.08	2.42	2.48	2.94		
55	NT2RP3003746	3.63	3.63	8.14	6.7	5.94	6.59		

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	NT2RP3003749	0.67	0.67	2.58	1.55	2.08	1.73		
	NT2RP3003754	3.32	3.32	7.31	4.66	5.87	5.81		
5	NT2RP3003759	1.16	1.16	4.44	2.49	4.41	1.43		
	NT2RP3003764	3.97	3.97	7.08	6.85	7.41	5.06		
	NT2RP3003766	6.93	6.93	7.84	3.3	5.87	3.79	*	-
	NT2RP3003767	11.19	11.19	16.8	14.83	21.08	16.97		
10	NT2RP3003778	3.36	3.36	4.89	4.46	5.55	4.27		
	NT2RP3003779	4.05	4.05	15.26	13.02	8.74	10.52		
	NT2RP3003783	9.25	9.25	21.72	22.42	13.65	18.76		
15	NT2RP3003787	2.15	2.15	4.65	4.41	4.74	6.37		
	NT2RP3003789	5.12	5.12	10.16	11.63	12.19	14.96	*	+
	NT2RP3003795	1.48	1.48	6.48	4.09	2.82	2.24		
	NT2RP3003799	2.67	2.67	5.5	3.08	2.38	1.75		
20	NT2RP3003800	4.36	4.36	5.92	4.14	4.57	6.91		
	NT2RP3003805	8.15	8.15	6.78	8.4	5.48	5.89		
	NT2RP3003809	1.94	1.94	7.2	5.83	5.4	4.82		
25	NT2RP3003819	3.39	3.39	6.07	7.3	5.97	6.35		
	NT2RP3003824	5.69	5.69	10.69	14.08	14.85	13.32	*	+
	NT2RP3003825	9.06	9.06	16.31	12.87	16.88	16.75		
	NT2RP3003828	4.7	4.7	14.38	13.36	15.69	14.55		
30	NT2RP3003831	4.01	4.01	6.38	5.77	6.54	7.23		
	NT2RP3003833	5.12	5.12	7.5	6.44	8.88	6.96		
	NT2RP3003836	6.37	6.37	5.05	5.74	6.47	4.31		
35	NT2RP3003842	2.7	2.7	9.08	6.84	6.51	7.09		
	NT2RP3003843	9.26	9.26	26.77	16.67	12.71	16.2		
	NT2RP3003844	20.38	20.38	46.56	42.84	27.94	44.32		
	NT2RP3003846	4.04	4.04	8.45	8.94	7.18	8.05		
40	NT2RP3003849	2.27	2.27	2.68	2.67	2.73	1.68		
	NT2RP3003862	28.91	28.91	45.63	32	37.58	44.88		
	NT2RP3003870	4.76	4.76	4.81	2.54	2.93	2.05	**	-
45	NT2RP3003874	21.46	21.46	20.88	33.11	47.25	36.44	*	+
	NT2RP3003876	1.62	1.62	8.08	5.45	7.49	6.81		
	NT2RP3003880	1.74	1.74	4.63	5.31	4.66	4.73		
	NT2RP3003889	1.69	1.69	3.04	3.41	3.53	9.53		
50	NT2RP3003891	1.88	1.88	2.98	2.56	3.19	1.37		
	NT2RP3003914	3.1	3.1	7.35	6.88	5.15	7.39		
	NT2RP3003915	5.03	5.03	8.44	9.52	11.35	8.6		
	NT2RP3003918	6.79	6.79	10.39	10.04	13.71	12.42		
55	NT2RP3003920	6.9	6.9	9.13	8.31	10.22	8.96		

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	NT2RP3003924	2.25	2.25	9.57	6.49	5.34	6.91		
	NT2RP3003932	1.41	1.41	3.85	5.17	5.26	3.85		
5	NT2RP3003939	3.48	3.48	11.88	9.86	14.05	11.09		
	NT2RP3003940	11.34	11.34	27.33	23.54	20.59	23.06		
	NT2RP3003943	2.6	2.6	2.83	2.85	2.78	3.88		
10	NT2RP3003959	3.52	3.52	6.96	6.54	5.93	5.49		
	NT2RP3003963	4.83	4.83	7.59	4.01	4.61	2.52		
	NT2RP3003965	11.14	11.14	13.85	18.75	20.67	17.22	**	+
	NT2RP3003972	26.1	26.1	40.32	22.13	17.98	38.48		
15	NT2RP3003973	2.85	2.85	4.33	1.96	3.6	3.96		
	NT2RP3003979	5.89	5.89	12.53	6.92	8.49	8.84		
	NT2RP3003980	3.52	3.52	9.41	9.34	8.89	7.92		
20	NT2RP3003982	4.2	4.2	4.63	2.44	1.6	4.61		
	NT2RP3003989	6.24	6.24	4.69	9.61	5.62	16.05		
	NT2RP3003992	2.13	2.13	4.89	2.47	5.12	4.8		
	NT2RP3004000	2.81	2.81	6	1.72	3.22	2.62		
25	NT2RP3004001	11.38	11.38	19.94	11.62	11.37	21.11		
	NT2RP3004005	2.89	2.89	7.79	4.7	4.48	6.84		
	NT2RP3004013	2.23	2.23	7.2	2.66	4.87	3.57		
	NT2RP3004016	1.5	1.5	7.1	2.22	3.14	2.88		
30	NT2RP3004025	4.02	4.02	7.69	7.48	12.19	9.01		
	NT2RP3004030	7.05	7.05	12.64	13.97	15.8	17.66	*	+
	NT2RP3004041	5.65	5.65	11.38	10.48	9.57	19.81		
35	NT2RP3004042	15.22	15.22	102.33	97.27	103.6	99.67		
	NT2RP3004044	2.13	2.13	6.51	5.14	7.21	4.22		
	NT2RP3004051	2.6	2.6	5.79	2.23	5.51	4.69		
	NT2RP3004052	7.1	7.1	11.22	5.63	4.98	9.78		
40	NT2RP3004053	15.87	15.87	35.04	23.12	40.67	40.17		
	NT2RP3004055	2.38	2.38	5.33	2.98	3.3	4.47		
	NT2RP3004059	4.05	4.05	8.8	8.15	7.03	11		
45	NT2RP3004063	5.13	5.13	11.23	8.78	11.27	12.33		
	NT2RP3004067	4.24	4.24	8.4	6.62	6.42	4.47		
	NT2RP3004070	3.58	3.58	9.92	6.26	4.4	5.47		
	NT2RP3004075	4.16	4.16	11.23	12.62	11.88	13.3		
50	NT2RP3004078	2.6	2.6	5.25	4.94	4.19	2.79		
	NT2RP3004083	2.93	2.93	6.23	4.57	6.8	11.37		
	NT2RP3004084	4.65	4.65	20.29	6.18	8.56	5.32		
	NT2RP3004087	4.2	4.2	7.86	7.14	10.81	9.03		
55	NT2RP3004090	4.11	4.11	6.42	9	8.19	8.61	**	+

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	NT2RP3004093	2.38	2.38	7.49	4.07	3.51	4.47		
	NT2RP3004095	5.02	5.02	13.11	11.57	10.17	18.55		
5	NT2RP3004102	3.32	3.32	5.59	5.25	4.27	3.21		
	NT2RP3004110	12.74	12.74	18.66	22.12	14.31	19.97		
	NT2RP3004119	3.3	3.3	7.71	3.91	4.08	3.73		
10	NT2RP3004125	5.55	5.55	12.05	8.13	10.88	8.38		
	NT2RP3004129	4.62	4.62	7.38	3.36	2.95	6.08		
	NT2RP3004130	11.81	11.81	28.12	21.92	31.13	21.05		
	NT2RP3004133	4.51	4.51	12.95	14.62	8.94	16.81		
15	NT2RP3004145	1.43	1.43	4.17	2.62	4.87	3.59		
	NT2RP3004148	2.67	2.67	7.07	5.26	6.24	4.5		
	NT2RP3004155	2.37	2.37	4.82	4.7	4.57	6.59		
20	NT2RP3004165	17.94	17.94	29.96	29.58	31.82	39.18		
	NT2RP3004179	7.34	7.34	6.72	2.71	5.41	3.3	*	-
	NT2RP3004185	5.2	5.2	5.53	2.76	2.76	1.95	**	-
	NT2RP3004188	4.77	4.77	10.82	7.74	11.35	7		
25	NT2RP3004189	4.23	4.23	5.91	4.97	4.82	6.28		
	NT2RP3004190	2.6	2.6	5.57	5.84	4.36	5.26		
	NT2RP3004191	14.09	14.09	23.4	31.41	29.45	30.09	*	+
30	NT2RP3004202	2.04	2.04	4.56	4.16	4.42	2.3		
	NT2RP3004205	8.75	8.75	21.54	21.27	25.35	20.28		
	NT2RP3004206	4.5	4.5	9.74	5.14	6.37	9		
	NT2RP3004207	5.19	5.19	4.99	3.09	3.25	1.77	**	-
35	NT2RP3004209	4.74	4.74	7.74	8.2	11.23	9.08	*	+
	NT2RP3004215	1.86	1.86	6.7	3.96	2.41	4.55		
	NT2RP3004219	5.15	5.15	11.25	10.04	8.81	13.65		
	NT2RP3004242	4.65	4.65	10.36	9.8	10.19	14.56		
40	NT2RP3004246	4.5	4.5	9.39	9.18	10.95	3.8		
	NT2RP3004253	1.89	1.89	4.85	3.64	4.99	2.8		
	NT2RP3004258	5.45	5.45	10.89	12.77	11.07	11.39		
45	NT2RP3004262	4.26	4.26	5.71	2.63	2.99	2.01	*	-
	NT2RP3004275	5.59	5.59	3.43	1.4	2.97	2.34	*	-
	NT2RP3004282	5.45	5.45	68.08	51.29	52.72	53.57		
	NT2RP3004289	1.79	1.79	2.95	1.9	2.18	3.99		
50	NT2RP3004294	2.74	2.74	6.02	6.95	6.93	7.24	*	+
	NT2RP3004298	8.76	8.76	48.63	46.33	60.89	50.83		
	NT2RP3004309	3.3	3.3	6.46	5.2	5.22	5.31		
55	NT2RP3004321	3.71	3.71	6.11	3.29	3.74	3.34		
	NT2RP3004322	5.61	5.61	6.86	6.06	6.43	6.56		

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	NT2RP3004332	11.69	11.69	100.11	78.54	102.41	76.72		
	NT2RP3004334	1.49	1.49	6.97	8.56	6.06	9.06		
5	NT2RP3004336	2.11	2.11	-6.24	6.02	4.44	5.63		
	NT2RP3004338	3.09	3.09	8.41	10.22	9.52	16.47		
	NT2RP3004341	1.81	1.81	4.56	6.13	5.17	9.13		
	NT2RP3004345	4.1	4.1	8.68	9.3	9.63	8.48		
10	NT2RP3004348	5.06	5.06	11.25	13.04	10.79	12.54		
	NT2RP3004349	5	5	7.5	4.89	7.75	5.76		
	NT2RP3004355	5.57	5.57	7.09	7.55	7.07	7.18		
15	NT2RP3004356	5.76	5.76	21.51	11.29	15.14	15.56		
	NT2RP3004360	3.4	3.4	5.26	6.01	5.32	7.85		
	NT2RP3004361	2.6	2.6	6.26	7.67	7.3	8.87	*	+
	NT2RP3004374	3.06	3.06	10.09	8.8	6.6	5.75		
20	NT2RP3004378	10.48	10.48	18.57	28.26	24.09	34.81	*	+
	NT2RP3004399	3.88	3.88	5.77	3.53	3.17	9.06		
	NT2RP3004405	4.07	4.07	6.77	3.03	5.52	3.93		
25	NT2RP3004406	5.36	5.36	6.23	5.19	6.03	6.12		
	NT2RP3004411	5.93	5.93	13.28	8.08	6.39	9.51		
	NT2RP3004424	1.53	1.53	2.43	3.27	1.81	2.83		
	NT2RP3004428	3.03	3.03	5.36	5.07	3.82	4.09		
30	NT2RP3004432	3.3	3.3	3.52	3.61	3.11	4.38		
	NT2RP3004434	3.42	3.42	8.41	7.28	9.09	7.99		
	NT2RP3004446	3.29	3.29	4.6	3.29	4.1	2.63		
35	NT2RP3004451	3.2	3.2	6.01	3.89	3.38	2.48		
	NT2RP3004454	2.96	2.96	4.16	2.69	3.5	2.5		
	NT2RP3004466	3.5	3.5	7.89	5.25	3.85	5.61		
	NT2RP3004470	7.42	7.42	24.53	18.4	16.35	24.72		
40	NT2RP3004472	2.49	2.49	4.4	3.97	3.84	3.88		
	NT2RP3004475	1.71	1.71	5.52	2.72	5.93	3.9		
	NT2RP3004480	14.12	14.12	17.04	18.94	10.5	18.82		
45	NT2RP3004481	5.42	5.42	11.37	5.04	7.37	12.39		
	NT2RP3004490	2.66	2.66	8.45	3.92	7.03	8.25		
	NT2RP3004496	4.8	4.8	14.38	7.22	9.3	11.08		
	NT2RP3004498	6.39	6.39	21.39	16.86	15.11	18.92		
50	NT2RP3004503	-2.78	2.78	9.34	4.85	6.23	5.88		
	NT2RP3004504	3.91	3.91	11.09	6.05	10.67	11.52		
	NT2RP3004505	17.38	17.38	28.56	37.35	26.72	37.82		
55	NT2RP3004507	1.57	1.57	6.6	2.52	5.52	1.68		
	NT2RP3004519	4.9	4.9	7.73	4.93	8.36	8.75		

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	NT2RP3004524	10.04	10.04	29.21	26.88	26.43	29.62		
	NT2RP3004527	3.03	3.03	3.22	1.29	2.23	2.08	*	-
5	NT2RP3004534	3.08	3.08	10.44	5.58	12	7.38		
	NT2RP3004539	4.45	4.45	12.17	9.8	8.97	12		
	NT2RP3004541	2.65	2.65	11.06	5.48	9.44	8.25		
10	NT2RP3004544	3.54	3.54	8.89	6.62	5.24	9.48		
	NT2RP3004551	3.46	3.46	6.75	6.6	6.6	6.98		
	NT2RP3004552	2.76	2.76	4.33	2.84	3.22	4.98		
	NT2RP3004557	5.68	5.68	8.73	9.74	15.44	13.16	*	+
15	NT2RP3004561	1.96	1.96	3.77	2.55	4.46	4.1		
	NT2RP3004566	3.09	3.09	11.55	7.2	10.05	8.79		
	NT2RP3004569	2.21	2.21	7.09	4.63	5.36	6.91		
20	NT2RP3004572	4.37	4.37	6.83	7.08	5.55	7.07		
	NT2RP3004578	2.35	2.35	5.38	4.15	4.27	3.24		
	NT2RP3004584	4.76	4.76	28.36	34.99	37.13	30.29		
	NT2RP3004588	2.38	2.38	4.89	1.6	3.7	3.28		
25	NT2RP3004594	2.25	2.25	5.9	5.67	6.49	8.94		
	NT2RP3004603	34.16	34.16	99.64	80.2	102.6	97.27		
	NT2RP3004612	4.71	4.71	12.17	5.3	3.36	5.34		
	NT2RP3004617	1.09	1.09	2.32	2.49	3.3	2.39		
30	NT2RP3004618	4.61	4.61	5.9	2.49	5.21	5.9		
	NT2RP3004625	3.97	3.97	8.17	4.55	6.92	7.1		
	NT2RP3004635	4.76	4.76	7.83	1.52	2.86	3.47		
35	NT2RP3004640	10.61	10.61	62.15	59.33	67.97	48.32		
	NT2RP3004642	8.04	8.04	29.31	22.82	26.12	25.12		
	NT2RP3004647	3.5	3.5	5.65	5.89	7.35	6.88	*	+
	NT2RP3004652	1.76	1.76	10.37	4.2	3.71	4.34		
40	NT2RP3004669	2.01	2.01	5.36	4.01	5.33	3.46		
	NT2RP3004670	5.04	5.04	10.58	12.4	9.19	14.23		
	NT2RP4000008	45.17	45.17	71.24	49.77	32.43	48.77		
45	NT2RP4000018	11.64	11.64	14.61	11.69	14.8	14.87		
	NT2RP4000023	6.96	6.96	8.91	4.86	7.38	5.98		
	NT2RP4000025	16.2	16.2	22.16	26.22	29.89	24.7	*	+
	NT2RP4000035	6.3	6.3	12.01	11.28	15.33	11.01		
50	NT2RP4000041	14.46	14.46	34.8	22.01	17.41	23.68		
	NT2RP4000049	2.64	2.64	6.34	6.59	6.88	5.3		
	NT2RP4000050	2.24	2.24	6.87	3.54	4.48	4.05		
	NT2RP4000051	4.66	4.66	10.5	10.58	10.02	8.96		
55	NT2RP4000063	20.51	20.51	33.5	26.77	31	18.33		

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	NT2RP4000065	7.54	7.54	9.24	11.85	15.01	11.47	*	+
	NT2RP4000070	6.63	6.63	5.29	3.79	4.54	3.84	*	-
5	NT2RP4000074	6.55	6.55	12.63	10.29	15.39	9.52		
	NT2RP4000078	3.41	3.41	9.55	12.2	11.66	12.56	*	+
	NT2RP4000080	3.52	3.52	7.01	5.06	6.84	6.81		
10	NT2RP4000099	128.86	128.86	236.22	149.44	161.1	211.56		
	NT2RP4000102	3.55	3.55	6.48	5.27	4.97	5.54		
	NT2RP4000103	2	2	5.47	2.57	2.85	3.96		
	NT2RP4000108	4.66	4.66	7.91	9.33	10.73	10.61	*	+
15	NT2RP4000109	18.89	18.89	22.84	19.87	24.15	16.14		
	NT2RP4000111	4.56	4.56	6.38	4.87	5.27	4.85		
	NT2RP4000112	5.62	5.62	10.14	12.45	8.7	11.81		
	NT2RP4000115	2.94	2.94	3.62	4.95	7.82	10.93		
20	NT2RP4000129	2.18	2.18	4.58	3.02	5.04	5.03		
	NT2RP4000137	3.36	3.36	10.05	5.34	8.72	11.4		
	NT2RP4000138	7.21	7.21	10.91	17.75	20.19	19.17	**	+
25	NT2RP4000141	3.25	3.25	6.1	5.22	4.9	3.57		
	NT2RP4000147	6.21	6.21	4.49	4.27	5.2	3.47		
	NT2RP4000150	5.96	5.96	6.93	7.33	10.41	7.06		
	NT2RP4000151	2.82	2.82	7.82	5.69	6.24	5.05		
30	NT2RP4000157	73.27	73.27	222.87	169.53	97.5	173.8		
	NT2RP4000159	2.02	2.02	5.03	3.38	5.03	2.92		
	NT2RP4000163	5.21	5.21	8.74	10.89	9.18	6.63		
35	NT2RP4000167	3.26	3.26	4.35	4.32	3.22	3.69		
	NT2RP4000171	5.72	5.72	7	5.72	7.45	5.03		
	NT2RP4000175	62.48	62.48	94.56	144.06	214.73	147.88	*	+
	NT2RP4000180	17.17	17.17	106.15	88.61	123.6	81.8		
40	NT2RP4000185	7.64	7.64	31.76	31.82	23.23	34.01		
	NT2RP4000192	1.04	1.04	4.78	4.19	3.6	3.05		
	NT2RP4000194	3.13	3.13	7.53	7.58	4.98	6.36		
45	NT2RP4000196	6.81	6.81	43.94	35.57	46.56	41.91		
	NT2RP4000210	5.63	5.63	9.71	9.96	8.35	9.27		
	NT2RP4000212	5.59	5.59	8.88	8.57	8.41	9.08		
	NT2RP4000214	5.53	5.53	10.21	5.72	6.68	11.29		
50	NT2RP4000216	8.89	8.89	7.36	7	12.63	10.08		
	NT2RP4000218	3.45	3.45	9.78	7.25	6.07	5.77		
	NT2RP4000223	21.18	21.18	177.28	121.8	125.75	125.3		
55	NT2RP4000243	16.52	16.52	54.51	42.94	41.61	51.74		
	NT2RP4000246	17.75	17.75	37.97	26.43	11.42	27.5		

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	NT2RP4000250	16.86	16.86	31.23	24.92	23.85	26.39		
	NT2RP4000256	4.38	4.38	8.45	4.99	6.44	4.67		
5	NT2RP4000257	32.45	32.45	44.22	48.67	57.52	39.19		
	NT2RP4000259	7.07	7.07	6.96	8.48	13.07	9.08		
	NT2RP4000261	4.18	4.18	8.13	4.07	4.55	6.48		
	NT2RP4000262	8.36	8.36	11.02	7.11	10.05	7.64		
10	NT2RP4000263	2.6	2.6	5.14	3.47	3.67	3.78		
	NT2RP4000280	5.84	5.84	11.62	9.05	11.58	14.23		
	NT2RP4000286	4.73	4.73	10.16	4.38	6.77	11.94		
15	NT2RP4000290	5.77	5.77	5.42	3.18	3.19	5.5		
	NT2RP4000291	42.53	42.53	73.59	62.12	70.23	70.61		
	NT2RP4000301	3.31	3.31	20.59	22.93	34.62	26.63	*	+
	NT2RP4000312	7.76	7.76	45.27	39.01	43.59	45.92		
20	NT2RP4000321	3.73	3.73	8.16	7.88	7.14	9.75		
	NT2RP4000323	1.44	1.44	4.26	2.27	2.55	2.12		
	NT2RP4000324	7.77	7.77	16.76	8.33	10.2	11.08		
25	NT2RP4000334	20.97	20.97	77.78	63.81	71.76	68.24		
	NT2RP4000343	2.48	2.48	5.54	1.57	3.16	2.38		
	NT2RP4000348	3.4	3.4	10.81	8.38	6.75	13.2		
	NT2RP4000349	1.78	1.78	0.83	0.37	0.72	2.48		
30	NT2RP4000355	3.98	3.98	14.84	7.18	9.13	9.04		
	NT2RP4000356	8.3	8.3	22.64	9.22	11.44	21.13		
	NT2RP4000360	3.04	3.04	6.98	5.06	5.43	4.73		
35	NT2RP4000367	2.18	2.18	3.72	2.04	2.58	2.83		
	NT2RP4000370	4.21	4.21	7.51	3.62	7.12	5.99		
	NT2RP4000373	3.33	3.33	5.18	3.19	5.23	2.95		
	NT2RP4000376	4.2	4.2	5.5	4.85	5.53	6.5		
40	NT2RP4000381	1.97	1.97	6.46	4.31	7.01	5.59		
	NT2RP4000388	85.82	85.82	204.63	128.93	93.38	116.03		
	NT2RP4000390	12.16	12.16	94.1	78.97	76.6	82.02		
45	NT2RP4000393	8.66	8.66	9.77	9.09	5.99	10.79		
	NT2RP4000398	5.51	5.51	26.52	22.08	28.3	26.61		
	NT2RP4000406	6.68	6.68	15.61	12.95	15.02	10.08		
	NT2RP4000407	6.17	6.17	11.52	9.41	14.74	9.13		
50	NT2RP4000413	1.79	1.79	3.63	1.15	2.35	2.12		
	NT2RP4000415	7.59	7.59	26.11	18.6	21.68	21.68		
	NT2RP4000417	7.76	7.76	26.64	14.47	12.79	19.19		
	NT2RP4000423	3.52	3.52	7.56	7	6.98	6.46		
55	NT2RP4000424	2.51	2.51	7.2	3.07	5.03	3.27		

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	NT2RP4000447	10.3	10.3	64.21	64.91	71.82	68.48		
	NT2RP4000448	5.59	5.59	6.67	4.32	3.56	6.27		
5	NT2RP4000449	5.67	5.67	-20.48	14.2	19.45	14.67		
	NT2RP4000453	3.53	3.53	6.32	9.02	10.32	10.12	**	+
	NT2RP4000455	2.64	2.64	3.98	1.81	1.75	2.4		
	NT2RP4000456	12.57	12.57	21.7	14.7	9.86	13.58		
10	NT2RP4000457	1.54	1.54	7.12	3.9	7.55	2.98		
	NT2RP4000461	5.7	5.7	9.84	7.65	6.41	4.6		
	NT2RP4000462	11.76	11.76	15.32	11.86	11.53	17.37		
15	NT2RP4000463	10.2	10.2	52.59	50.66	69.3	48.36		
	NT2RP4000471	6.36	6.36	10.74	5.74	6.23	4.98		
	NT2RP4000472	3.97	3.97	4.41	1.27	1.27	1.66	**	-
	NT2RP4000476	27.14	27.14	52.56	74.95	94.93	65.35	*	+
20	NT2RP4000480	11.56	11.56	29.27	19.08	9.95	26.66		
	NT2RP4000481	2.29	2.29	4.76	3.73	4.16	4.33		
	NT2RP4000483	1.38	1.38	7.59	7.58	7.85	6.26		
25	NT2RP4000487	1.54	1.54	4.9	2.26	3.17	0.91		
	NT2RP4000496	2.16	2.16	4.98	2.95	4.07	3.65		
	NT2RP4000497	17.15	17.15	22.33	34.9	44.46	29.9	*	+
	NT2RP4000498	10.46	10.46	21.39	20.15	30.33	24.49		
30	NT2RP4000500	2.43	2.43	3.21	2.03	1.49	1.39	*	-
	NT2RP4000507	5.63	5.63	9.02	12.49	10.62	17.51	*	+
	NT2RP4000515	12.85	12.85	88.89	90.3	101.29	96.12		
35	NT2RP4000516	8.77	8.77	26.09	19.63	21.76	21.82		
	NT2RP4000517	3.22	3.22	5.73	4.69	5.89	4.79		
	NT2RP4000518	3.42	3.42	7.4	4.47	6.05	3.82		
	NT2RP4000519	2.9	2.9	5.76	2.18	2.22	1.77		
40	NT2RP4000524	4.2	4.2	3.44	2.05	1.72	1.3	**	-
	NT2RP4000528	3.67	3.67	3.06	3.01	3.27	8.01		
	NT2RP4000537	35.4	35.4	62.6	36.23	30.93	44.52		
45	NT2RP4000541	2.04	2.04	2.45	3.34	4.33	3.09	*	+
	NT2RP4000543	2.93	2.93	8.94	7.96	9.72	8.75		
	NT2RP4000545	4.03	4.03	6.38	4.99	6.43	4.78		
	NT2RP4000546	3.34	3.34	5.93	5.53	4.9	6.03		
50	NT2RP4000549	23.81	23.81	56.48	41.6	51.57	38.82		
	NT2RP4000556	7.36	7.36	13.04	14.69	15.54	12.07		
	NT2RP4000557	6.1	6.1	4.53	1.82	3.97	6.27		
55	NT2RP4000558	30.12	30.12	94.28	68.16	57.01	73.2		
	NT2RP4000560	14.8	14.8	52.31	49.75	58.69	56.12		

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	NT2RP4000568	1.72	1.72	3.83	5.6	6.08	4.46	*	+
	NT2RP4000583	11.61	11.61	20.2	23.65	14.97	20.56		
5	NT2RP4000585	3.04	3.04	4.14	3.12	2.55	3.24		
	NT2RP4000588	8.65	8.65	12.77	14.58	16.96	13.55	*	+
	NT2RP4000590	24.89	24.89	41.97	41.86	50.81	32.65		
10	NT2RP4000599	4.29	4.29	3.24	2.44	2.23	3.59		
	NT2RP4000603	14.08	14.08	33.32	31.06	21.01	29.12		
	NT2RP4000607	2.41	2.41	10.04	4.45	7.87	15.35		
	NT2RP4000614	6.14	6.14	15.21	15.57	12.53	15.19		
15	NT2RP4000634	6.61	6.61	11	7.78	9.84	10.31		
	NT2RP4000638	3.59	3.59	7.77	8.45	5.8	4.73		
	NT2RP4000648	3.13	3.13	4.26	2.54	2.69	2.19		
	NT2RP4000657	9.94	9.94	15.38	15.95	18.93	14.49		
20	NT2RP4000691	5.76	5.76	5.82	4.92	7.47	7.73		
	NT2RP4000697	3.74	3.74	8.5	5.55	6.56	6.12		
	NT2RP4000704	8.91	8.91	47.2	44.17	54.81	38.14		
25	NT2RP4000710	40.22	40.22	98.85	90.4	59.28	83.71		
	NT2RP4000713	4.35	4.35	19.92	16.67	20.85	15.52		
	NT2RP4000724	6.29	6.29	12.5	8.19	9.81	7.83		
	NT2RP4000725	3.61	3.61	4	1.88	1.74	2.33	**	-
30	NT2RP4000728	10.13	10.13	41.12	43.53	66.46	39.83		
	NT2RP4000737	4.07	4.07	2.15	3.63	3.09	3.28		
	NT2RP4000739	5.07	5.07	7.71	4.61	3.63	5.84		
35	NT2RP4000749	2.4	2.4	5.29	2.59	3.97	1.68		
	NT2RP4000769	4.93	4.93	10.12	4.67	6.27	6.2		
	NT2RP4000774	3.34	3.34	8.87	5.12	6.63	4.27		
	NT2RP4000781	2.15	2.15	5.12	2.06	2.26	1.55		
40	NT2RP4000783	6.81	6.81	15.16	13.48	15.44	12.67		
	NT2RP4000787	1.45	1.45	2.27	0.31	0.51	0.54	*	-
	NT2RP4000788	3.58	3.58	23.26	16	18.3	18.73		
45	NT2RP4000792	3.68	3.68	5.64	5.5	5.8	9.45		
	NT2RP4000809	43.7	43.7	56.09	46.75	50.47	81.62		
	NT2RP4000817	3.65	3.65	7.83	7.92	7.25	5.82		
	NT2RP4000821	31.34	31.34	38.66	28.32	33.11	25.22		
50	NT2RP4000822	2.46	2.46	5.91	4.29	6.19	2.6		
	NT2RP4000823	697.74	697.74	127.48	923.16	1026.8	947.85		
	NT2RP4000831	9.98	9.98	61.97	44.37	68.47	50.69		
55	NT2RP4000833	3.19	3.19	11.26	6.73	7.19	11.91		
	NT2RP4000837	1.41	1.41	4.03	1.56	3.65	2.29		

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	NT2RP4000839	12.23	12.23	97.13	79.71	85.74	86.06		
	NT2RP4000846	3.8	3.8	10.13	4.65	3.46	6.65		
5	NT2RP4000848	4.63	4.63	10.74	8.65	8.58	6.07		
	NT2RP4000855	2.91	2.91	4.7	4	3.85	3.43		
	NT2RP4000863	3.08	3.08	4.33	3.11	5.3	3.78		
	NT2RP4000865	6.43	6.43	25.36	20.09	39.64	21.24		
10	NT2RP4000873	9.64	9.64	88.25	63.22	69.65	71.33		
	NT2RP4000874	1.76	1.76	3.98	2.37	3.67	2.03		
	NT2RP4000875	3.31	3.31	9.24	6.88	6.52	7.19		
15	NT2RP4000878	24.17	24.17	42.53	28.01	16.35	29.04		
	NT2RP4000879	2.56	2.56	5.1	2.95	5.29	2.62		
	NT2RP4000880	5.17	5.17	21.59	20.97	27.22	16.8		
	NT2RP4000891	81.07	81.07	192.57	252.29	351.53	221.08	*	+
20	NT2RP4000894	5.16	5.16	9.81	8.53	4.8	6.97		
	NT2RP4000898	0.86	0.86	2.74	1.88	2.14	1.64		
	NT2RP4000899	9.63	9.63	29.48	24.01	20.85	23.95		
25	NT2RP4000907	2.14	2.14	3.58	1.74	4.04	0.81		
	NT2RP4000908	4.62	4.62	9.67	7.51	5.9	5.87		
	NT2RP4000910	14.4	14.4	104.68	124.04	197.74	160.9	*	+
	NT2RP4000918	2.85	2.85	4.76	4.73	4.26	5.35		
30	NT2RP4000925	3.9	3.9	5.53	2.81	3.15	1.86		
	NT2RP4000927	1.99	1.99	2.5	0.46	1.08	0.6	**	-
	NT2RP4000928	3.11	3.11	6.8	4.48	4.22	5.18		
35	NT2RP4000929	1.44	1.44	3.68	1.94	2.86	0.84		
	NT2RP4000946	0.92	0.92	3.41	1.78	3.22	1.47		
	NT2RP4000947	1.71	1.71	3.51	1.94	3.31	1.79		
	NT2RP4000949	4.94	4.94	7.84	3.88	5.48	2.38		
40	NT2RP4000955	4.17	4.17	6.34	2.07	2.86	0.54	*	-
	NT2RP4000959	20.55	20.55	28.14	36.21	42.82	36.14	*	+
	NT2RP4000962	3.4	3.4	4.24	8.33	10.09	4.53		
45	NT2RP4000973	8.6	8.6	16.04	10.31	8.92	9.03		
	NT2RP4000975	2.18	2.18	5.84	3.29	3.05	2.62		
	NT2RP4000979	3.83	3.83	8.67	5.55	8.13	7.1		
	NT2RP4000984	1.61	1.61	4.31	3.15	3.93	1.85		
50	NT2RP4000986	7.32	7.32	13.27	12.66	12.35	2.52		
	NT2RP4000988	5.74	5.74	8.37	4	5.2	2.63		
	NT2RP4000989	6.24	6.24	6.55	4.05	3.48	2.89	**	-
	NT2RP4000990	3.16	3.16	4	1.92	1.69	2.16	**	-
55	NT2RP4000994	4.04	4.04	7.67	16.48	10.13	15.95	*	+

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	NT2RP4000996	3.54	3.54	7.49	6.77	6.52	7.38		
	NT2RP4000997	21.59	21.59	36.81	28.52	15.18	34.38		
5	NT2RP4001001	5.53	5.53	9.17	16.66	18.38	15.09	**	+
	NT2RP4001004	1.71	1.71	4.88	2.84	3.09	1.37		
	NT2RP4001006	3.46	3.46	8.12	6.85	6.52	6.13		
	NT2RP4001009	9.3	9.3	10.45	15.44	20.46	8.25		
10	NT2RP4001010	7.33	7.33	9.13	7.38	9.75	6.68		
	NT2RP4001013	23.29	23.29	50.16	30.87	28.1	30.91		
	NT2RP4001029	2.49	2.49	5.95	4.05	2.84	3.63		
15	NT2RP4001036	7.55	7.55	13.55	9.11	11.51	13.16		
	NT2RP4001041	6.57	6.57	14.4	9.89	12.3	6.35		
	NT2RP4001042	4.34	4.34	8.11	9.44	12.5	8.79		
	NT2RP4001046	6.98	6.98	9.95	13.24	16.28	15.36	**	+
20	NT2RP4001050	5.28	5.28	4.81	3.79	4.64	3.35	*	-
	NT2RP4001051	6.48	6.48	8.44	5.43	6.82	5.26		
	NT2RP4001057	0.76	0.76	2.19	2.34	2.43	1.87		
25	NT2RP4001063	1.48	1.48	4.39	3.34	3.53	1.8		
	NT2RP4001064	3.51	3.51	9.18	12.02	9.13	11.57		
	NT2RP4001067	4.42	4.42	9.77	10.96	9.63	6.6		
	NT2RP4001078	2.12	2.12	3.43	2.67	2.53	1.82		
30	NT2RP4001079	5.3	5.3	9.35	8.51	8.02	8.98		
	NT2RP4001080	4.1	4.1	5.27	3.52	4.52	2.3		
	NT2RP4001086	5.08	5.08	4.19	3.93	6.64	2.85		
35	NT2RP4001095	2.49	2.49	7.25	7.96	6.49	6.85		
	NT2RP4001098	0.92	0.92	3.38	3.87	2.95	3.41		
	NT2RP4001100	6.47	6.47	24.34	20.89	20.64	16.99		
	NT2RP4001105	3.13	3.13	7.23	6.51	5.58	4.61		
40	NT2RP4001110	1.75	1.75	3.5	7.07	8.35	5.29	*	+
	NT2RP4001115	9.95	9.95	17.68	20.6	18.48	15.31		
	NT2RP4001117	19.81	19.81	30.49	35.35	42.53	27.5		
45	NT2RP4001122	6.06	6.06	6.09	5.17	6.25	3.27		
	NT2RP4001123	3.62	3.62	7.76	7.95	5.96	6.27		
	NT2RP4001126	4.36	4.36	11.28	10.87	9.09	8.04		
	NT2RP4001127	3.25	3.25	4.59	3.39	3.08	2.17		
50	NT2RP4001138	2.46	2.46	5.8	3.41	2.56	1.62		
	NT2RP4001143	2.73	2.73	5.98	6.44	6.54	5.66		
	NT2RP4001148	3.72	3.72	6.76	3.77	3.03	2.05		
55	NT2RP4001149	5.07	5.07	7.28	6.76	9.03	6.37		
	NT2RP4001150	3.8	3.8	3.17	3.15	3.7	2.88		

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	NT2RP4001159	7.08	7.08	11.61	7.69	5.58	10.46		
	NT2RP4001162	3.77	3.77	6.14	4.07	6.06	3.41		
5	NT2RP4001170	1.15	1.15	4.53	1.28	3.2	2.15		
	NT2RP4001174	4.16	4.16	12.27	7.91	11.95	5.02		
	NT2RP4001175	9.65	9.65	19.14	15.72	21.29	13.28		
10	NT2RP4001176	99.19	99.19	161.51	174.03	241.92	194	*	+
	NT2RP4001184	4.83	4.83	27.1	25.76	32.51	22.85		
	NT2RP4001198	21.66	21.66	48.22	29.54	29.17	38.54		
	NT2RP4001199	2.52	2.52	6.45	2.59	4.74	3.71		
15	NT2RP4001206	8.25	8.25	33.2	25.92	32.07	25.48		
	NT2RP4001207	2.38	2.38	5.15	2.21	3.11	4.01		
	NT2RP4001210	2.73	2.73	5.2	3.62	4.26	2.64		
20	NT2RP4001213	3.42	3.42	5.11	3.99	4.23	3.63		
	NT2RP4001214	3.34	3.34	4.3	3.51	3.76	2.16		
	NT2RP4001219	7.4	7.4	12.05	14.35	19.28	13.39	*	+
	NT2RP4001228	5.26	5.26	9.63	12.15	15.74	20.07	*	+
25	NT2RP4001235	2.42	2.42	7.45	3.46	6.02	4.48		
	NT2RP4001256	2.11	2.11	4.24	1.66	3.41	2.66		
	NT2RP4001257	2.48	2.48	7.27	4.05	4.35	4.05		
	NT2RP4001260	3.16	3.16	5.79	2.52	3.86	2.92		
30	NT2RP4001261	3.84	3.84	6.63	8.42	6.47	5		
	NT2RP4001274	22.92	22.92	38.08	25.02	31.56	21.25		
	NT2RP4001276	5.24	5.24	10.03	11.38	15.97	11.63	*	+
35	NT2RP4001283	20.72	20.72	122.55	87.44	93.43	86.47		
	NT2RP4001299	9.62	9.62	15.14	14.95	10.52	15.18		
	NT2RP4001313	1.45	1.45	3.26	1.72	2.96	0.97		
	NT2RP4001315	6.06	6.06	11.14	7.45	9.92	7.74		
40	NT2RP4001320	14.6	14.6	42.74	32.02	38.13	29.24		
	NT2RP4001325	32.53	32.53	146.14	142.88	178.36	128.89		
	NT2RP4001336	6.69	6.69	40.75	38.55	46.66	32.11		
45	NT2RP4001339	4.12	4.12	5.6	3.35	5.56	2.76		
	NT2RP4001343	10.46	10.46	83.37	54.71	61.01	60.06		
	NT2RP4001344	6.7	6.7	60.08	49.79	55.21	42.62		
	NT2RP4001345	1.65	1.65	6.68	5.64	5.7	3.87		
50	NT2RP4001351	4.1	4.1	15.97	10.01	20.05	11.42		
	NT2RP4001353	2.8	2.8	5.91	1.63	2.94	1.86		
	NT2RP4001355	2.57	2.57	8.67	1.83	3.12	2.08		
	NT2RP4001367	10.64	10.64	17.66	11.92	17.06	13.16		
55	NT2RP4001372	2.26	2.26	3.82	2.1	2.06	2.07		

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	NT2RP4001373	8.86	8.86	16.4	10.99	8.59	11.48		
	NT2RP4001375	2.71	2.71	6.06	4.91	7.42	2.94		
5	NT2RP4001379	1.74	1.74	3.52	2.34	4.67	1.38		
	NT2RP4001381	5.6	5.6	12.51	12.8	12.66	8.27		
	NT2RP4001386	6.39	6.39	14.52	14.77	20.11	12.32		
	NT2RP4001389	7.28	7.28	8.66	5.43	9.25	4.09		
10	NT2RP4001396	5.76	5.76	6.42	2.83	4.61	2.12	*	-
	NT2RP4001407	2.92	2.92	2.98	3.07	2.04	1.76		
	NT2RP4001409	13.6	13.6	28.28	8.87	5.85	8.84		
15	NT2RP4001410	33.56	33.56	61.26	40.57	18.92	37.8		
	NT2RP4001414	16.59	16.59	37.89	14.29	21.3	16.8		
	NT2RP4001424	3.55	3.55	8.85	7.99	10.45	7.41		
	NT2RP4001433	3.85	3.85	6	8.39	9.79	3.38		
20	NT2RP4001438	9.95	9.95	27.94	46.22	53.63	30.76	*	+
	NT2RP4001442	4.33	4.33	4.97	3.3	3.41	2.64	*	-
	NT2RP4001447	4.42	4.42	4.69	5.08	5.51	3.41		
25	NT2RP4001466	3.74	3.74	5.45	7.38	3.23	5.57		
	NT2RP4001467	21.67	21.67	58.89	54.18	44.07	55.8		
	NT2RP4001472	8.05	8.05	12.19	11.7	11.76	11.97		
	NT2RP4001474	2.83	2.83	4.81	3.2	5.73	1.98		
30	NT2RP4001483	1.48	1.48	4.33	2.61	3.7	1.19		
	NT2RP4001488	21.03	21.03	32.41	39.07	46.9	33.42		
	NT2RP4001492	4.18	4.18	6.73	3.21	3.81	1.91		
35	NT2RP4001498	4.3	4.3	2.43	2.95	3.52	2.13		
	NT2RP4001502	28.2	28.2	57.38	27.65	34.81	41.83		
	NT2RP4001503	3.83	3.83	6.74	5.51	4.1	3.37		
	NT2RP4001507	2.39	2.39	3.69	5.03	5.95	5.18	**	+
40	NT2RP4001510	1.74	1.74	4.63	5.64	5.05	3.02		
	NT2RP4001516	3.54	3.54	4.16	2.52	1.9	1.27	*	-
	NT2RP4001520	25.33	25.33	70.64	73.93	107.21	85.05		
45	NT2RP4001523	5.57	5.57	9.99	8.4	7.79	6.19		
	NT2RP4001524	6.1	6.1	10.17	8.92	11.45	5.98		
	NT2RP4001529	29.8	29.8	74.89	59.39	60.69	55.29		
	NT2RP4001531	2.88	2.88	10.96	8.63	11.05	7.81		
50	NT2RP4001546	143.48	143.48	388.31	316.63	215.6	309.45		
	NT2RP4001547	9.05	9.05	26.31	28.76	23.06	18.81		
	NT2RP4001551	2.27	2.27	3.93	3.87	4.08	2.02		
55	NT2RP4001555	2.95	2.95	5.8	4.14	3.58	1.74		
	NT2RP4001567	6.54	6.54	6.88	5.82	7.12	5.68		

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	NT2RP4001568	7.58	7.58	11.65	10.02	19.33	12.97		
	NT2RP4001569	15.49	15.49	41.42	32.56	40.11	27.18		
5	NT2RP4001571	5.75	5.75	13.28	9.06	7.43	8.13		
	NT2RP4001574	8.5	8.5	19.03	15.54	17.52	15.29		
	NT2RP4001575	2.46	2.46	5.86	5.71	5.53	4.24		
	NT2RP4001578	17.21	17.21	45.64	52.76	53.63	40.92		
10	NT2RP4001592	9.76	9.76	13.68	14.13	19.64	11.68		
	NT2RP4001593	9.4	9.4	18.11	22.12	27.3	18.04		
	NT2RP4001605	5.97	5.97	4.78	4.1	7.77	4.66		
15	NT2RP4001606	2.9	2.9	8.34	6.01	3.51	6.75		
	NT2RP4001607	2.04	2.04	5.24	4.57	3.26	3.78		
	NT2RP4001610	1.74	1.74	2.42	2.6	2.48	1.7		
	NT2RP4001614	2.17	2.17	7.19	5.38	4.34	6.86		
20	NT2RP4001623	2.38	2.38	5.26	2.43	2.65	2.02		
	NT2RP4001626	9.48	9.48	11.67	18.67	23.9	19.44	**	+
	NT2RP4001634	2.74	2.74	4.93	3.67	5.24	4.26		
25	NT2RP4001638	3.41	3.41	3.03	2.36	2.11	1.87	**	-
	NT2RP4001644	7.86	7.86	33.73	24.36	26.04	24.99		
	NT2RP4001646	11.61	11.61	15.02	7.42	10.74	11.21		
	NT2RP4001656	3.75	3.75	5.23	2.89	4.51	2.07		
30	NT2RP4001666	1.99	1.99	4.68	3.26	6.25	2.02		
	NT2RP4001670	11.74	11.74	15.51	12.45	7.09	8.31		
	NT2RP4001677	28.27	28.27	42.75	42.01	45.48	47.53		
35	NT2RP4001679	8.82	8.82	33.83	33.23	51.5	29.78		
	NT2RP4001695	7.71	7.71	12.76	15.66	20.35	12.87		
	NT2RP4001696	2.64	2.64	5.45	3.13	3.92	3.72		
	NT2RP4001699	3.58	3.58	8.03	3.18	4.12	4.42		
40	NT2RP4001717	2.79	2.79	7.03	3.29	5.84	4.15		
	NT2RP4001719	3.59	3.59	9.11	7.6	9.27	6.28		
	NT2RP4001725	2.27	2.27	4.79	2.28	5.07	1.43		
	NT2RP4001726	7.07	7.07	11.18	5.85	6.91	4.98		
45	NT2RP4001730	3.11	3.11	12.82	11.96	19.81	16.3		
	NT2RP4001739	2.83	2.83	5.83	5.79	6.55	4.98		
	NT2RP4001741	7.25	7.25	15.93	9.28	12.42	10.97		
50	NT2RP4001753	3.04	3.04	8.4	4.39	4.64	6.64		
	NT2RP4001760	4.32	4.32	6.6	7.79	7.73	12.96		
	NT2RP4001787	67.61	67.61	173.05	169.17	187.1	193.22		
	NT2RP4001790	2	2	5.29	3.42	2.97	2.58		
55	NT2RP4001795	9.31	9.31	12.31	14.38	19.76	12.34		

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	NT2RP4001803	3.35	3.35	3.6	3.94	4.78	3.67		
	NT2RP4001805	2.64	2.64	3.57	3.64	2.47	2.95		
5	NT2RP4001809	4.84	4.84	26.35	18.18	23.17	11.33		
	NT2RP4001817	11.55	11.55	19.09	9.5	10.78	12.71		
	NT2RP4001822	2.09	2.09	5.36	3.73	5.11	3.33		
	NT2RP4001823	1.91	1.91	3.95	1.14	3.34	1.24		
10	NT2RP4001827	14.88	14.88	25.96	35.78	40.37	29.5	*	+
	NT2RP4001828	9.76	9.76	34.37	27.78	34.21	26.3		
	NT2RP4001836	7.74	7.74	33.26	27.19	39.14	26.78		
15	NT2RP4001838	1.59	1.59	7.49	2.09	4.5	2.71		
	NT2RP4001841	8.75	8.75	80.37	61.67	50.27	56.46		
	NT2RP4001849	1.9	1.9	4.55	2.51	5.08	1.58		
	NT2RP4001861	7.27	7.27	34.6	36.09	41.9	34.39		
20	NT2RP4001877	6.59	6.59	8.44	12.87	9.04	14.1	*	- +
	NT2RP4001879	9.64	9.64	15.47	11.58	14.24	10.73		
	NT2RP4001889	5.09	5.09	10.66	6.68	11.25	8.91		
25	NT2RP4001893	3.97	3.97	7.34	3.19	6.11	2.72		
	NT2RP4001896	3.18	3.18	6.86	5.38	7.87	4.92		
	NT2RP4001898	7.83	7.83	26.41	22.98	20.13	20.15		
	NT2RP4001901	1.73	1.73	4.69	4.08	5.87	2.69		
30	NT2RP4001910	39.51	39.51	58.21	53.45	33.59	45.93		
	NT2RP4001925	4.1	4.1	10.21	6.69	6.32	6.12		
	NT2RP4001926	6.41	6.41	7.22	7.1	9.54	5.52		
35	NT2RP4001927	6.26	6.26	9.97	5.83	8.13	2.82		
	NT2RP4001931	8.64	8.64	14.16	15.49	17.54	11.89		
	NT2RP4001933	38.49	38.49	87.13	96.81	133.51	91.22		
	NT2RP4001938	2.93	2.93	4.53	4.27	3.31	3.55		
40	NT2RP4001942	13.44	13.44	27.12	31.34	24.8	18.71		
	NT2RP4001945	1.41	1.41	4	1.55	3.67	1.77		
	NT2RP4001946	1.97	1.97	5.67	3.04	3.96	1.66		
	NT2RP4001947	4.42	4.42	8.93	5.92	9.81	5.16		
45	NT2RP4001950	4.13	4.13	5	2.25	2.84	1.34	*	-
	NT2RP4001953	10.44	10.44	14.15	13.81	19.4	14.36		
	NT2RP4001966	2.44	2.44	2.41	2.51	4.26	1.52		
50	NT2RP4001970	2.26	2.26	5.32	3.91	3.4	2.88		
	NT2RP4001975	8.56	8.56	20.03	18.32	13.05	12.02		
	NT2RP4001988	6.72	6.72	18.78	22.92	24.78	29.44	*	+
	NT2RP4001996	5.27	5.27	12.83	10.65	16.35	12.42		
55	NT2RP4002014	3.4	3.4	8.14	43.19	37.87	33.17	**	+

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	NT2RP4002018	6.19	6.19	13.71	10.47	11.39	10.36		
	NT2RP4002035	5.35	5.35	5.95	5.4	4.17	2.54		
5	NT2RP4002043	7.1	7.1	10.8	9.64	12.2	6.5		
	NT2RP4002046	9.74	9.74	20.08	21.94	15.28	17.11		
	NT2RP4002047	8.37	8.37	19.18	22.28	24.07	28.83	*	+
	NT2RP4002052	5.78	5.78	10.36	9.02	9.36	9.37		
10	NT2RP4002056	32.58	32.58	71.49	58.09	76.58	49.75		
	NT2RP4002057	6.37	6.37	11.06	12.13	13.58	7.41		
	NT2RP4002058	3.85	3.85	6.6	4.1	4.2	3.22		
15	NT2RP4002064	5.93	5.93	4.39	2.6	4.16	2.07	*	-
	NT2RP4002071	6.67	6.67	7.07	6.95	10.06	6.27		
	NT2RP4002075	1.16	1.16	2.11	2.27	2.35	1.27		
	NT2RP4002078	2.25	2.25	8.63	6.86	8.24	4.97		
20	NT2RP4002081	8.11	8.11	26.15	18.73	18.78	19.42		
	NT2RP4002083	1.39	1.39	5.25	3.36	3.16	1.88		
	NT2RP4002099	3.26	3.26	4.73	2.84	3.56	2.51		
25	NT2RP4002106	10.35	10.35	20.34	22.36	25.93	20.55		
	NT2RP4002111	11.7	11.7	12.37	19.77	30.44	17.72		
	NT2RP4002112	6.15	6.15	10.97	8.9	8.34	3.22		
	NT2RP4002116	12.6	12.6	47.19	37.43	41.25	28.65		
30	NT2RP4002122	5.34	5.34	9.29	14.84	14.86	12.67	**	+
	NT2RP4002126	6.42	6.42	14.44	16.82	14.35	10.42		
	NT2RP4002133	7.56	7.56	20.82	29.17	26.14	21		
35	NT2RP4002136	3.63	3.63	5.74	4.89	5.38	2.69		
	NT2RP4002139	26.89	26.89	31.12	60.65	61.92	32.88		
	NT2RP4002174	139.27	139.27	232.64	240.71	275.01	193.19		
	NT2RP4002185	7.77	7.77	13.2	12.36	19.06	11.58		
40	NT2RP4002186	4.5	4.5	9.83	7.82	4.72	6.78		
	NT2RP4002187	15.42	15.42	32.13	26.94	19.84	21.17		
	NT2RP4002188	3.01	3.01	8.34	8.3	7.75	6.41		
45	NT2RP4002199	1.85	1.85	3.73	2.6	2.91	3.78		
	NT2RP4002206	2.08	2.08	3.39	2.48	2.34	1.29		
	NT2RP4002210	3.13	3.13	4.75	2.02	2.86	0.98		
	NT2RP4002222	4.2	4.2	6.63	5.56	6.28	4.16		
50	NT2RP4002241	7.97	7.97	8.24	10.82	11.75	7.19		
	NT2RP4002248	5.08	5.08	16.69	10.74	8.9	8.13		
	NT2RP4002250	1.54	1.54	3.22	0.73	1.69	0.56		
55	NT2RP4002259	4.86	4.86	9.82	3.21	4.85	1.75		
	NT2RP4002268	16.62	16.62	29.54	28.9	28.18	25.68		

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	NT2RP4002288	6.42	6.42	12.57	13.29	14.36	11.97		
	NT2RP4002290	7.55	7.55	7.61	7.96	7.67	5.87		
5	NT2RP4002298	3.92	3.92	4.18	5.54	5.03	4.18		
	NT2RP4002306	2.38	2.38	5.79	2.97	5.77	2.64		
	NT2RP4002308	2.04	2.04	6.03	5.31	5.23	4.1		
	NT2RP4002336	2.71	2.71	6.33	3.71	4.19	4.63		
10	NT2RP4002340	1.09	1.09	3.96	1.28	2.75	0.49		
	NT2RP4002361	2.77	2.77	5.78	3.73	4.03	2.48		
	NT2RP4002367	2.27	2.27	5.84	3.23	2.48	2.77		
15	NT2RP4002368	9.87	9.87	17.2	18.26	19.27	16		
	NT2RP4002377	3.3	3.3	23.8	25.46	30.75	23.93		
	NT2RP4002408	2.22	2.22	3.87	3.75	6.37	4.11		
	NT2RP4002425	2.84	2.84	5.81	8.24	7.98	5.23		
20	NT2RP4002432	12.33	12.33	85.4	61.06	72.53	67.82		
	NT2RP4002447	2.97	2.97	7.68	3.96	5.4	4.59		
	NT2RP4002451	5.48	5.48	6.2	5.84	5.85	6.83		
25	NT2RP4002461	9.8	9.8	32.09	32.76	38.91	29.04		
	NT2RP4002486	3.5	3.5	6.71	2.47	4.15	2.87		
	NT2RP4002517	3.65	3.65	9.11	7.02	8.53	7.18		
	NT2RP4002556	4.29	4.29	3.91	5.68	10.03	6.41		
30	NT2RP4002569	3.36	3.36	7.36	4.93	5.29	3.42		
	NT2RP4002587	2.26	2.26	4.19	2.8	3.4	2.02		
	NT2RP4002591	2.21	2.21	4.89	2.89	4.5	3.08		
35	NT2RP4002607	1.43	1.43	3.34	2.87	4.63	1.58		
	NT2RP4002627	17.83	17.83	61.9	55.9	76.17	65.3		
	NT2RP4002628	7.28	7.28	15.48	14.53	23.95	12.54		
	NT2RP4002630	4.19	4.19	5.25	6.72	9.4	7.16	*	+
40	NT2RP4002639	9.43	9.43	70.25	52.38	77.24	57.28		
	NT2RP4002641	1.58	1.58	9.03	3.94	4.07	4.1		
	NT2RP4002658	114.62	114.62	166.93	76.49	34.96	109.83		
45	NT2RP4002669	3.5	3.5	5.67	5.4	5.33	4.68		
	NT2RP4002677	6.24	6.24	9.41	10.14	7.99	13.62		
	NT2RP4002715	8.42	8.42	34.92	40.1	48.46	32.3		
	NT2RP4002750	2.6	2.6	8.29	1.68	2.04	1.33		
50	NT2RP4002784	3.71	3.71	9.51	9.44	11.22	7.06		
	NT2RP4002791	4.91	4.91	9.44	4.88	9.76	5.33		
	NT2RP4002811	1.63	1.63	6.38	3.17	2.95	3.43		
	NT2RP4002830	4.26	4.26	7.45	3.9	5.9	5.46		
55	NT2RP4002832	2.12	2.12	3.13	2.38	5.59	2.54		

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	NT2RP4002850	5.07	5.07	12.04	14.36	12.63	8.06		
	NT2RP4002874	5.17	5.17	6.67	3.41	5.14	1.96		
5	NT2RP4002884	28.81	28.81	49.75	43.57	74.75	52.87		
	NT2RP4002888	5.55	5.55	4.83	3.67	4.32	3.08	*	-
	NT2RP4002891	5.48	5.48	15.79	13.16	19.42	11.91		
	NT2RP4002894	12.04	12.04	24.47	18.44	12.76	16.4		
10	NT2RP4002896	5.54	5.54	12.2	8.96	6.18	7.78		
	NT2RP4002905	1.71	1.71	4.27	2.32	3.58	1.28		
	NT2RP4002907	5.11	5.11	7.62	6.94	10.72	1.41		
15	NT2RP5003459	68.11	68.11	133.25	154.61	146.15	164.37	*	+
	NT2RP5003461	7.34	7.34	10.14	10.85	14.36	8		
	NT2RP5003471	106.6	106.6	168.71	124.4	148.85	112.14		
	NT2RP5003477	2.71	2.71	2.62	2.59	2.33	1.9		
20	NT2RP5003487	157.44	157.44	424.89	292.71	256.56	354.93		
	NT2RP5003492	3.1	3.1	4.91	5.25	6.17	5.91	*	+
	NT2RP5003500	1.5	1.5	3.28	2.38	2.54	2.59		
25	NT2RP5003506	4.96	4.96	9.3	7.83	10.37	9.04		
	NT2RP5003512	2.21	2.21	4.35	2.63	3.46	2.15		
	NT2RP5003522	4.1	4.1	5.97	4.62	4.19	2.34		
	NT2RP5003524	4.38	4.38	3.86	1.61	1.54	0.84	**	-
30	NT2RP5003527	24.72	24.72	71.27	76.81	87.24	60.59		
	NT2RP5003531	7.16	7.16	17.2	15.58	14.06	14.11		
	NT2RP5003534	2.68	2.68	5.49	5.54	6.82	4.55		
35	NT2RP6000020	8.69	8.69	19.96	14.65	15.13	16.29		
	NT2RP6000022	3.19	3.19	4.05	4.06	3.96	2.44		
	NT2RP6000050	3.95	3.95	3.99	4.98	5.82	2.88		
	NT2RP6000063	3.91	3.91	6.04	3.61	2.52	2.56		
40	NT2RP6000074	5.38	5.38	4.88	3.41	3.27	2.17	**	-
	NT2RP6000083	7.76	7.76	11.18	11.49	16	9.91		
	NT2RP6000100	2.49	2.49	4.58	4.04	4.71	3.3		
45	NT2RP6000123	1.94	1.94	3.29	5.1	4.26	4.22	*	+
	NT2RP6000129	1.9	1.9	4.47	4.06	4.27	2.74		
	NT2RP6000147	3.75	3.75	11.74	10.8	11.03	7.48		
	NT2RP6000163	2.62	2.62	4.23	2.28	1.95	1.71		
50	NT2RP6000181	8.03	8.03	12.4	9.44	13.25	9.01		
	NT2RP6000182	5.44	5.44	6.42	4.82	5.56	3.88		
	OVARC1000001	4.97	4.97	5.24	6.04	7.48	2.35		
55	OVARC1000003	3.21	3.21	8.31	8.51	7.66	7.05		
	OVARC1000004	9.87	9.87	116.19	88.04	109.99	85.44		

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	OVARC1000006	3.57	3.57	6.58	9.04	7.88	4.73		
	OVARC1000013	6.51	6.51	9.19	7.32	8.36	8.33		
5	OVARC1000014	3.39	3.39	5.02	4.23	5.02	4.17		
	OVARC1000017	3.11	3.11	6.81	4.2	4.45	2.72		
	OVARC1000026	24.79	24.79	32.1	56.82	69.34	44.53	*	+
	OVARC1000035	11.11	11.11	20.26	20.41	23.65	15.36		
10	OVARC1000037	8.73	8.73	19.12	15.64	9.13	15.9		
	OVARC1000058	6.06	6.06	11.69	13.84	7.56	10.6		
	OVARC1000060	1.89	1.89	6.28	5.98	5.24	5.13		
15	OVARC1000068	2.38	2.38	5.33	5.31	3.56	2.42		
	OVARC1000069	74.66	74.66	101.53	75.95	84.36	86.42		
	OVARC1000071	4.4	4.4	4.77	6.47	5.35	4.04		
	OVARC1000075	55.43	55.43	125.63	120.89	150.97	117.03		
20	OVARC1000083	9.58	9.58	9.24	13.12	12.7	10.64	*	+
	OVARC1000085	106.6	90.9	156.14	214.2	177.05	273.14	*	+
	OVARC1000086	3.98	6.82	9.23	11.98	11.3	14.09	*	+
25	OVARC1000087	1.51	2.83	1.79	4.03	3.57	3.35	*	+
	OVARC1000090	1.48	4.1	6.14	10.88	9.58	8.79	*	+
	OVARC1000091	4.88	8.33	8.01	7.99	7.76	6.82		
	OVARC1000092	2.83	6.81	4.18	4.68	6.25	4.85		
30	OVARC1000105	9.73	14.86	17.21	26.29	25.62	22.88	*	+
	OVARC1000106	26.02	23.03	46.38	66.36	50.1	53.01	*	+
	OVARC1000109	9.12	13.08	18.04	16.72	12.91	17.46		
35	OVARC1000113	4.12	6.25	6.53	6.83	8.19	7.65		
	OVARC1000114	2.14	3.44	5.77	5.94	5.86	4.98		
	OVARC1000133	2.53	4.96	6.36	4.05	4.97	2.95		
	OVARC1000137	6.14	10.05	13.51	13.3	18.59	14.39		
40	OVARC1000139	14.75	20.77	83.44	71.14	98.1	69.29		
	OVARC1000145	0.72	6.64	2.89	1.78	2.42	2		
	OVARC1000148	5.09	4.98	7.88	4.91	5.32	7.91		
45	OVARC1000151	1.41	2.11	2.4	3.58	4.08	3.58	**	+
	OVARC1000157	10.99	14.16	17.51	21.21	25.06	22.76	*	+
	OVARC1000162	1.22	4.4	2.5	2.93	2.49	2.59		
	OVARC1000168	1.98	8.46	6.2	8.01	9.61	9.96		
50	OVARC1000169	32.03	45.07	49.48	70.63	69.6	89.08	*	+
	OVARC1000178	0.84	5.08	2.53	3.37	3.18	2.78		
	OVARC1000182	0.8	3.3	1.42	2.02	1.95	1.78		
55	OVARC1000186	2.51	3.72	3.23	5.95	3.27	4.77		
	OVARC1000188	1.04	2.67	2.33	2.48	2.87	1.9		

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	OVARC1000191	1.01	3.8	2.63	3.12	2.85	2.54		
	OVARC1000198	2.09	3.59	4.32	5.62	5.12	5.06	*	+
5	OVARC1000208	6.49	10.37	22.5	17.79	24.54	22.02		
	OVARC1000209	7.99	13.69	22.82	23.42	27.81	29.16		
	OVARC1000212	2.47	5.63	3.59	4.76	5.03	4.88		
	OVARC1000216	1.72	4.96	4.36	15.43	11.3	12.54	**	+
10	OVARC1000240	2.98	3.53	8.13	5.39	5.46	4.87		
	OVARC1000241	1.29	2.47	3.18	2.65	3.17	1.4		
	OVARC1000249	4.14	5.43	8.17	5.46	5	6.13		
15	OVARC1000254	33.15	39.39	100.99	100.41	131.42	100.89		
	OVARC1000255	0.85	4.83	2.51	2.98	2.45	1.95		
	OVARC1000267	2.37	6.41	6.71	6.66	7.16	7.31		
	OVARC1000275	79.02	93.7	161.08	199.43	240.76	175.96	*	+
20	OVARC1000287	226.67	224.66	236.08	433.91	512.76	470.31	**	+
	OVARC1000288	3.2	4.25	7.38	6.23	5.32	4.47		
	OVARC1000298	8.96	10.09	19.62	13.37	7.19	9.6		
25	OVARC1000302	1.12	2.14	2.13	2.47	1.85	2		
	OVARC1000304	1.09	2.68	3.23	5.02	3.41	6		
	OVARC1000307	2.95	6.19	4.74	7.59	4.7	6.29		
	OVARC1000309	1.18	7.16	3.22	3.24	2.85	2.4		
30	OVARC1000312	2.83	11.64	6.03	4.17	5.4	2.46		
	OVARC1000313	10.48	19.25	14.81	9.39	17.54	22.17		
	OVARC1000321	31.6	24.05	47.79	30.5	31.37	15.43		
35	OVARC1000326	1.52	2.3	3.9	3.84	3.17	2.79		
	OVARC1000327	1.52	3.28	4.24	3.13	1.49	2.46		
	OVARC1000331	2.22	4.72	2.41	4.33	4.45	4.58		
	OVARC1000335	2.3	5.84	4.02	2.72	5.16	4.75		
40	OVARC1000347	1.83	8.18	6.24	7.35	9.24	8.44		
	OVARC1000348	1.61	10.62	3.73	2.84	4.59	3.05		
	OVARC1000363	3.7	9.61	6.51	7.31	11.52	6.83		
45	OVARC1000377	1.07	2.09	2.43	2.28	2.51	2.45		
	OVARC1000382	3.34	3.39	4.33	5.07	2.52	1.03		
	OVARC1000384	4.2	5.42	8.35	5.32	4.4	6.04		
	OVARC1000401	0.62	3.63	2.09	3.35	4.08	3.64		
50	OVARC1000406	18.98	23.3	49.12	57.09	74.48	54.63	*	+
	OVARC1000407	1.99	6.28	3.99	4.11	6.42	3.16		
	OVARC1000408	27.5	38.45	70.39	74.84	111.17	71.25		
	OVARC1000410	6.83	12.72	10.41	4.78	6.65	5.01		
55	OVARC1000411	0.91	1.5	2.6	3.49	3	2.22		

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	OVARC1000414	1. 31	2. 22	3. 7	4. 5	3. 78	3. 71		
	OVARC1000420	1. 44	2. 76	3. 29	3. 3	2. 59	2. 1		
5	OVARC1000421	1. 42	2. 65	3. 33	3. 96	4. 21	4. 99	*	+
	OVARC1000427	25. 78	27. 02	130. 06	156. 9	215. 67	142. 19		
	OVARC1000431	10. 51	17. 6	19. 12	33. 66	31. 78	25. 78	*	+
	OVARC1000437	3. 14	6. 37	7. 31	5. 97	7. 63	6. 36		
10	OVARC1000439	5. 81	10. 95	13. 82	21. 81	23. 01	21. 52	**	+
	OVARC1000440	2. 56	3. 74	5. 01	7. 47	9. 31	7. 08	*	+
	OVARC1000442	2. 34	2. 38	6. 81	6. 66	9. 5	8. 12		
15	OVARC1000443	2. 09	2. 2	2. 88	3. 29	3. 41	2. 62		
	OVARC1000461	1. 11	2. 84	2. 2	2. 55	1. 12	2. 14		
	OVARC1000465	3. 27	5. 01	3. 51	3. 94	4. 62	3. 95		
	OVARC1000466	1. 94	5. 47	5. 9	6. 54	10. 13	6. 76		
20	OVARC1000467	1. 01	5. 08	2. 41	3. 65	2. 98	3. 78		
	OVARC1000470	1. 13	5. 81	3. 03	3. 18	4. 02	3. 78		
	OVARC1000473	1. 81	1. 95	2. 65	2. 44	4. 16	1. 39		
25	OVARC1000479	5. 67	5. 88	9. 88	10. 35	14. 26	6. 88		
	OVARC1000484	3. 99	5. 74	6. 54	8. 66	9. 93	6. 87		
	OVARC1000486	3. 17	4. 71	4. 49	5. 74	4. 93	4. 28		
	OVARC1000496	0. 93	3. 55	0. 66	0. 31	1. 07	0. 62		
30	OVARC1000520	0. 84	5. 89	1. 18	1. 32	2. 27	2		
	OVARC1000522	4. 1	7. 19	12	13. 85	14. 03	10. 34		
	OVARC1000526	1. 96	7. 04	3. 75	5. 93	5. 48	4. 69		
	OVARC1000529	2. 38	2. 57	4. 44	3. 66	4. 16	3. 08		
35	OVARC1000533	3. 3	4. 66	7. 95	8. 89	12. 29	7. 83		
	OVARC1000543	0. 84	2. 44	2. 06	2. 57	3. 08	2. 72		
	OVARC1000550	0. 75	3. 68	2. 32	2. 82	4. 04	2. 34		
40	OVARC1000553	2. 1	5. 63	7. 02	7. 72	7. 69	6. 95		
	OVARC1000556	5. 77	15. 21	11. 77	8. 95	13. 91	8. 96		
	OVARC1000557	0. 83	5. 12	1. 4	1. 61	2. 29	1. 88		
	OVARC1000561	3. 48	7. 38	9. 26	13	17. 66	15. 09	*	+
45	OVARC1000564	8. 89	9. 02	10. 44	17. 84	11. 31	16. 69	*	+
	OVARC1000573	1. 87	3. 68	4. 86	5. 75	5. 32	3. 83		
	OVARC1000576	24. 12	29. 23	124. 94	83. 09	93. 83	98. 58		
50	OVARC1000578	2. 43	4. 6	5. 53	8. 64	4. 46	3. 93		
	OVARC1000581	0. 34	3. 28	1. 15	1. 75	1. 27	1. 23		
	OVARC1000586	22. 54	28. 9	41. 17	34. 58	43. 39	40. 93		
	OVARC1000588	0. 74	5. 23	2. 03	2. 75	3. 72	2. 05		
55	OVARC1000605	1. 98	2. 62	2. 88	4. 47	4. 23	3. 87	**	+

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	OVARC1000622	3.86	4.59	11.57	12.7	11.13	11.6		
	OVARC1000636	1.64	3.79	4.58	4.19	4.03	5.09		
5	OVARC1000640	1.97	4.72	3.93	4.21	3.67	3.09		
	OVARC1000649	9.69	14.8	53.54	53.32	64.51	52.67		
	OVARC1000661	1.14	9.33	2.99	5.34	5.24	5.24		
	OVARC1000677	8.53	10.16	14.87	11.77	10.98	15.47		
10	OVARC1000678	1.21	4.49	2.71	3.28	4.17	3.26		
	OVARC1000679	2.86	3.25	4.09	5.29	5.16	6.25	*	+
	OVARC1000681	1.47	1.55	3.2	2.41	2.22	1.71		
15	OVARC1000682	10.09	11.33	50.91	33.79	47.49	44.31		
	OVARC1000689	3.81	7.1	19.94	20.18	22.12	21.83		
	OVARC1000700	1.8	10.37	3.18	4.98	4.37	5.14		
	OVARC1000703	1.74	7.18	5.35	6.4	6.64	7.77		
20	OVARC1000722	10.59	11.92	47.93	43.41	60.06	39.34		
	OVARC1000726	1.44	3.48	4.62	4.88	5.89	3.58		
	OVARC1000727	1.93	2.09	4.13	3.78	3.79	3.89		
25	OVARC1000730	5.95	5.86	9.01	4.07	4.16	5.62		
	OVARC1000741	4.85	6.13	8.74	15.19	10.58	13.71	*	+
	OVARC1000746	0.89	3.61	2.43	2.06	2.9	2.84		
	OVARC1000764	1.76	4.93	4.77	5.35	7.01	5.44		
30	OVARC1000769	1.13	4.3	3.6	3.76	4.42	5.2		
	OVARC1000771	2.42	6.28	2.3	4.02	4.81	3.71		
	OVARC1000773	19.09	24.7	31.93	44.69	56.24	46.24	*	+
35	OVARC1000775	11.67	8.94	16.44	12.16	8.7	4.26		
	OVARC1000778	2.37	3.89	5.69	4.59	6.23	4.92		
	OVARC1000779	0.8	2.02	1.85	2.23	2.45	1.46		
	OVARC1000781	1.67	5.05	4.16	6.37	3.45	5.07		
40	OVARC1000787	1.64	4.79	4.22	2.97	5.44	3.25		
	OVARC1000789	7.62	14.23	16.39	24.95	29.69	25.94	**	+
	OVARC1000800	2.91	10.72	5.72	6.41	10.65	6.2		
45	OVARC1000802	1.55	8.77	2.97	2.99	5.34	2.76		
	OVARC1000810	3.37	3.54	8.29	6.66	7.99	7.21		
	OVARC1000811	2.41	2.73	7.5	4.88	3.67	4.95		
	OVARC1000814	3.44	4.55	9.03	7.92	11.3	9.05		
50	OVARC1000816	7.64	10.41	12.41	10.99	10.58	14.11		
	OVARC1000817	1.18	3.38	1.27	1.71	2.14	1.55		
	OVARC1000834	2.46	8.3	3.39	4.84	5.81	4.01		
	OVARC1000846	2.23	10.02	5.35	7.38	9.66	7.72		
55	OVARC1000850	1.74	8.37	3.38	3.39	2.51	3.1		

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	OVARC1000853	23.21	24.23	43.4	30.67	37.81	18.39		
	OVARC1000862	2.28	2.66	4.91	3.05	1.61	1.49		
5	OVARC1000873	2.56	2.98	4.14	4.4	3.79	3.85		
	OVARC1000875	1.47	3.07	1.79	2.35	3.09	1.87		
	OVARC1000876	3.71	5.67	4.46	5.11	6.06	5.45		
	OVARC1000883	6.06	9.53	9.18	12.43	15.42	13.05	*	+
10	OVARC1000885	2.84	9.95	3.38	3.74	5.66	4.11		
	OVARC1000886	4.31	8.19	4.29	3.74	5.15	4.39		
	OVARC1000890	17.47	18.3	91.22	70.97	78.71	51.68		
15	OVARC1000891	1.28	1.44	3.03	2.85	2.19	3.22		
	OVARC1000897	0.48	1.74	1.29	1.21	1.33	0.5		
	OVARC1000912	2.06	3.22	4.33	5.21	6.1	5.86	*	+
	OVARC1000914	1.48	6.18	1.61	3.68	3.02	2.18		
20	OVARC1000915	1.71	6.64	4.14	4.87	3.54	4.76		
	OVARC1000916	1.91	5.19	2.56	4.05	4.32	3.88		
	OVARC1000924	1.45	5.5	3.09	3.28	3.85	3.48		
25	OVARC1000928	6.05	5.46	8.78	4.22	5.83	5.35		
	OVARC1000936	1.37	1.39	2.17	2.04	3.25	2.49		
	OVARC1000937	1.69	3.01	1.94	4.17	3.26	3.24		
	OVARC1000945	1.55	3.67	3.62	3.83	3.22	2.28		
30	OVARC1000948	1.57	3.85	2.66	3.15	3.68	1.99		
	OVARC1000956	1.41	5.08	4.36	7.56	7.26	5.51		
	OVARC1000959	1.8	4.87	3.39	4.88	3.02	3.9		
35	OVARC1000960	2.64	7.53	9.55	11.64	13.89	12.86	*	+
	OVARC1000964	19.89	17.19	103.98	118.41	165.46	96.14		
	OVARC1000971	0.42	1.58	1.4	2.53	2.27	2.28	*	+
	OVARC1000975	5.93	8.3	36.1	31.27	51.54	30.22		
40	OVARC1000976	0.65	2.12	1.27	2.17	1.46	1.5		
	OVARC1000981	4.06	7.18	4.94	7.97	12.1	8.53		
	OVARC1000982	2.83	5.41	2.23	3.13	3.02	3.54		
	OVARC1000984	1.78	5.43	3.32	3.01	3.08	2.16		
45	OVARC1000995	2.94	6.59	4.5	5.98	6.19	6.72		
	OVARC1000996	1.68	1.87	4.29	3.58	4.15	4.56		
	OVARC1000999	6.02	5.65	15.29	15.61	13.18	13.29		
50	OVARC1001000	1.96	4.5	6.2	6.26	7.09	6.86		
	OVARC1001004	0.51	3.4	1.45	2.05	3.3	1.47		
	OVARC1001010	1.35	3.99	1.66	3.04	1.4	1.54		
	OVARC1001011	1.46	5.57	1.13	2.39	3.27	2.45		
55	OVARC1001030	96.19	101.41	143.98	119.24	154.26	133		

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	OVARC1001032	1.42	5.34	1.89	1.83	2.82	1.92		
	OVARC1001034	4.44	5.58	6.51	3.29	5.21	3.77		
5	OVARC1001038	3.62	5.03	7.4	10.3	10.88	8.61	*	+
	OVARC1001040	2.63	3.77	6.93	5.25	6.51	4.25		
	OVARC1001041	4.54	8.03	12.87	8.57	12.25	9.4		
10	OVARC1001044	1.05	2.92	1.83	1.96	2.43	1.84		
	OVARC1001049	3.78	8.78	10.67	10.65	11.87	10.26		
	OVARC1001051	40.95	55.97	80.66	66.89	109.71	87.49		
	OVARC1001054	1.22	4.06	3.22	2.86	4.19	1.93		
15	OVARC1001055	2.13	3.38	3.82	4.32	5.61	5.22	*	+
	OVARC1001062	5.8	6.15	12.54	8.04	9.94	9.57		
	OVARC1001065	8.85	13.63	51.33	51.41	60.3	56.97		
20	OVARC1001068	2.82	5.62	4.76	4.72	4.02	5.52		
	OVARC1001072	0.73	4.18	4.41	3.2	3.71	3.07		
	OVARC1001073	0.92	5.7	2.65	2.91	2.54	1.79		
	OVARC1001074	0.81	4.66	3.31	1.87	2.95	2.04		
25	OVARC1001078	2	5.12	2.79	3.57	3.08	2.83		
	OVARC1001085	2.41	2.83	3.66	5.54	5.02	6.36	**	+
	OVARC1001086	1.97	3.17	2.85	3.98	2.83	4.13		
30	OVARC1001091	16.24	19.32	92.73	76.48	96.74	77.99		
	OVARC1001092	4.62	5.35	7.22	9.69	7.84	6.05		
	OVARC1001104	1.05	4.37	2.66	3.16	2.58	2.03		
	OVARC1001107	11.59	15.6	40.28	31.21	49.49	42.22		
35	OVARC1001113	1.04	5.81	1.59	2.46	3.05	2.39		
	OVARC1001117	2.71	6.63	4.31	4.67	5.74	2.67		
	OVARC1001118	2.38	3.69	7.08	7.36	6.91	8.28		
	OVARC1001125	2.02	2.9	3	5.92	4.97	5.9	**	+
40	OVARC1001129	2.61	4.58	3.19	8.46	9.43	11	**	+
	OVARC1001132	1.7	6.48	2.66	3.69	4.26	4.66		
	OVARC1001138	9.52	15.82	23.8	48.95	45.16	44.97	**	+
45	OVARC1001141	1.68	4.97	3.48	3.77	3.68	3.84		
	OVARC1001154	18.31	29.49	68.39	60.43	83.49	65.64		
	OVARC1001161	2.49	5.55	6.15	7.03	6.69	5.89		
	OVARC1001162	2.2	3.13	5.34	5.09	4.86	5.26		
50	OVARC1001163	0.69	3.59	2.77	2.2	3.98	2.54		
	OVARC1001167	3.03	4.57	7.69	10.19	12.95	9.3	*	+
	OVARC1001169	0.74	4.87	2.68	2.47	1.91	2.06		
55	OVARC1001170	7.81	15.04	17.59	14.61	19.45	14.99		
	OVARC1001171	15.57	17.71	24.31	16.12	23.34	22.51		

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	OVARC1001173	2.09	5.08	5.1	4.32	6.75	5.49		
	OVARC1001176	22.57	21.48	89.96	76.74	102.3	70.7		
5	OVARC1001180	3.01	4.58	12.7	11.81	10.77	9.56		
	OVARC1001188	2.66	3.7	3.95	3.62	3.44	4.16		
	OVARC1001200	1.52	4.56	3.62	3.47	2.9	2.96		
	OVARC1001202	3.75	6.65	6.53	9.26	7.79	10.23	*	+
10	OVARC1001206	1.52	5.52	1.15	1.59	1.13	1.9		
	OVARC1001209	4.89	8.92	27.46	24.69	30.38	24.27		
	OVARC1001219	1.81	6.36	4.71	5.33	3.95	3.62		
15	OVARC1001222	2.5	8.36	5.01	3.2	4.34	5.63		
	OVARC1001232	2.91	4.18	7.74	6.75	6.02	5.65		
	OVARC1001240	2.05	3.27	6.84	5.55	5.06	5.4		
	OVARC1001243	0.94	2.59	1.76	3.64	2.64	1.86		
20	OVARC1001244	9.07	12.05	18	21.61	18.57	26.62		
	OVARC1001246	30.48	50.95	48.51	80.54	100.83	101.88	**	+
	OVARC1001247	3.64	9.86	7.7	6.57	7.02	4.49		
25	OVARC1001260	1.05	9.07	1.85	2.62	2.65	1.85		
	OVARC1001261	4.23	10.5	6.99	3.46	2.08	2.94		
	OVARC1001268	24.4	19.69	52.37	32.58	35.32	14.16		
	OVARC1001270	14.46	15.1	20.83	9.69	9.8	8.65	*	-
30	OVARC1001271	2.62	3.62	3.88	3.95	7.02	4.26		
	OVARC1001282	0.88	3.02	3.09	1.37	1.59	2		
	OVARC1001296	3.02	8.06	2.3	3.04	4.11	5.41		
35	OVARC1001306	1.48	8.27	2.4	2.04	2.29	3.82		
	OVARC1001314	0.49	8.47	1.57	1.06	1.79	1.32		
	OVARC1001316	2.77	7.17	4.81	5.48	8.11	5.36		
	OVARC1001329	6.12	6.18	21.11	17.09	19.29	16.22		
40	OVARC1001330	0.2	1.89	1.38	1.22	1.35	1.42		
	OVARC1001336	1.92	3.7	3.59	5.67	4.09	4.02		
	OVARC1001338	0.26	2.87	0.86	2.49	1.71	1.07		
	OVARC1001339	12.07	18.29	22.73	33.65	32.72	37.29	**	+
45	OVARC1001340	0.72	4.83	1.23	1.33	2.44	1.3		
	OVARC1001341	4.35	9.25	6.77	7.94	11.38	9.69		
	OVARC1001342	90.37	98.53	136.12	129.68	163.22	127.78		
50	OVARC1001344	2.1	2.51	6.27	6.52	6.89	6.2		
	OVARC1001357	5.61	8.93	16.02	15.52	11.34	11.69		
	OVARC1001359	8.96	12.4	16.15	21.66	13.84	10.6		
	OVARC1001360	0.44	2.52	0.99	1.97	2.6	1.62		
55	OVARC1001369	1.56	5.66	1.89	3.41	1.88	3.1		

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	OVARC1001372	0.96	4.23	3.33	1.52	2.77	1.95		
	OVARC1001376	1.82	5.1	3.62	5.79	5.79	4.18		
5	OVARC1001381	4.51	6.44	9.94	10.95	12.91	11.21		
	OVARC1001391	0.5	1.62	1.44	1.88	1.27	1.26		
	OVARC1001392	2.12	4.69	6.14	11.96	12.7	7.79	*	+
	OVARC1001399	0.98	3.59	2.16	1.77	2.54	1.1		
10	OVARC1001417	1.01	3.07	1.76	2.39	3.61	2.81		
	OVARC1001419	2.47	5.4	3.06	4.39	4.03	3.16		
	OVARC1001425	2.29	5.58	5.15	8.76	8.5	8.07	*	+
15	OVARC1001436	1.37	5.85	2.54	2.9	3.57	3.18		
	OVARC1001442	0.64	4.84	1.39	2.27	1.52	0.69		
	OVARC1001451	3.09	2	3.89	5.18	5.98	4.75	*	+
	OVARC1001452	1.35	2.41	2.87	2.96	4.69	3.13		
20	OVARC1001453	1.21	2.84	1.88	2.3	1.82	1.57		
	OVARC1001476	10.67	14.38	16.52	17.22	12.9	13.09		
	OVARC1001480	0.93	4.73	1.5	3.1	2.98	2.21		
	OVARC1001489	0.97	6.89	2.51	3.01	2.83	2.09		
25	OVARC1001493	2.09	6.59	3.75	7.38	8.78	10.48	*	+
	OVARC1001496	4.65	9.58	8.63	10.74	7.37	11.03		
	OVARC1001499	1.24	1.18	2.6	3.47	2.68	2.84		
30	OVARC1001506	2.9	2.7	5.31	5.33	6.73	5.48		
	OVARC1001509	1.73	3.89	3.69	4.07	4.59	3.07		
	OVARC1001510	0.16	3.69	1.42	1.94	1.73	0.86		
	OVARC1001516	2.57	5.78	3.85	6.04	4.97	4.39		
35	OVARC1001525	0.53	4.76	2.12	1.94	2.01	1.81		
	OVARC1001542	8.8	12.86	13.01	15.91	13.63	17.23		
	OVARC1001544	2.14	6.6	6.72	7.54	8.33	6.22		
40	OVARC1001546	4.08	4.32	4.6	6.12	5.31	7.23	*	+
	OVARC1001547	1.29	2.53	1.68	2.44	1.85	2.22		
	OVARC1001555	10.39	16.51	68.77	48.66	65.39	56.39		
	OVARC1001560	3.35	4.91	5.52	5.36	4.93	5.34		
45	OVARC1001569	1.63	4.75	4.79	5.92	5.19	5.1		
	OVARC1001570	3.96	7.9	6.93	7.72	10.7	8.55		
	OVARC1001577	1.68	5.89	5.41	8.61	6.9	10.2		
50	OVARC1001578	0.25	3.47	-0.19	-0.47	0.24	0.15		
	OVARC1001596	12.13	11.65	14.23	13.51	14.82	27.15		
	OVARC1001600	1.13	2.9	1.48	2.81	2.67	3.67		
	OVARC1001607	6.22	7.72	10.91	13.42	14.01	13.45	*	+
55	OVARC1001610	1.81	5.25	2.84	4.25	2.66	2.7		

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		OVARC1001611	0.13	5.11	1.24	1.48	2.89	1.79		
		OVARC1001615	0.58	5.42	1.93	1.54	2.56	1.74		
5		OVARC1001636	1.09	3.75	1.05	2.39	2.05	2.15		
		OVARC1001668	3.77	6.75	10.04	10.5	11.4	10.48		
		OVARC1001702	1.18	2.21	2.42	3.86	2.07	2.25		
		OVARC1001703	2.82	3.18	2.97	2.64	4.71	4.65		
10		OVARC1001710	3.58	7.03	8.67	8.01	6.28	9.55		
		OVARC1001711	1.96	7.3	3.36	5.01	4.15	5.4		
		OVARC1001713	9.17	11.54	44.65	36.47	51.48	43.79		
15		OVARC1001725	1.01	5.45	6.11	2.56	3.77	4.01		
		OVARC1001726	1.64	4.48	3.23	4.97	5.6	5.18		
		OVARC1001727	1.4	2.41	1.52	1.43	2.35	1.14		
		OVARC1001731	120.62	110.86	255.43	140.73	139.03	74.2		
20		OVARC1001735	1.29	3.44	3.54	3.75	3.25	2.89		
		OVARC1001741	3.3	4.73	15.28	13.09	12.93	13.17		
		OVARC1001745	2.72	5.39	6.83	9.17	10.23	8.89	*	+
25		OVARC1001759	3.31	9.01	6.31	7.61	7.61	11.95		
		OVARC1001762	3.96	7.78	6.38	10.3	11.01	13.4	*	+
		OVARC1001766	5.33	7.8	11.99	15.56	16.86	15.33	*	+
		OVARC1001767	0.94	3.76	1.18	1.97	1.96	2.41		
30		OVARC1001768	3.31	3.86	3.76	5.35	4.59	3.54		
		OVARC1001770	3.04	6.58	9.98	11.46	9.08	9.46		
		OVARC1001776	2.11	4.7	3.5	4.72	3.64	2.92		
35		OVARC1001791	1.13	4.77	3.54	3.07	3.12	3.42		
		OVARC1001795	0.89	6.19	1.24	2.31	2.87	2.11		
		OVARC1001798	2.81	12.11	7.57	9.72	11.93	9.04		
		OVARC1001802	1.73	11.64	4.9	5.6	5.93	4.01		
40		OVARC1001805	1.92	6.96	2.58	3.62	4.59	3.51		
		OVARC1001807	1.9	2.53	4.18	3.06	3.12	2.46		
		OVARC1001809	12.38	14.06	76.32	55.87	81.41	52.83		
45		OVARC1001812	1.44	3.39	3.15	3.23	4.63	3.71		
		OVARC1001813	1.61	4.29	2.33	2.93	3.98	2.51		
		OVARC1001820	1.67	7.15	3.21	3.47	3.76	3.22		
		OVARC1001828	0.78	6.85	2.36	1.91	3.23	2.2		
50		OVARC1001833	1.07	8.12	2.02	2.4	2.1	1.92		
		OVARC1001839	1.56	8.43	2.98	2.91	3.59	1.15		
		OVARC1001846	1.91	1.38	2.9	2.15	2.11	1.8		
		OVARC1001849	1.21	2.52	2.42	5.79	3.69	4.03	*	+
55		OVARC1001861	1.46	3.56	2.73	2.78	2.5	2.09		

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	OVARC1001873	3.09	3.78	4.68	5.47	4.42	4.73		
	OVARC1001879	1.44	6.08	3.48	2.35	2.93	2.22		
5	OVARC1001880	0.91	7.84	2.94	3.63	5.78	3.8		
	OVARC1001883	0.99	7.61	3.12	2.61	3.42	2.52		
	OVARC1001900	1.11	7.07	4.03	2.57	3.61	2.89		
	OVARC1001901	0.54	1.84	1.21	2.42	1.37	2.43		
10	OVARC1001911	0.59	1.57	1.66	1.51	1.39	1.55		
	OVARC1001916	1.86	3.13	3.35	4.16	4.61	3.51		
	OVARC1001928	1.45	3.53	1.55	1.58	1.62	1.72		
15	OVARC1001937	5.12	11.69	8.13	17.41	11.63	15.16		
	OVARC1001940	1.1	4.51	3.13	3.72	3.14	2.78		
	OVARC1001942	3.85	7.4	8.03	11.47	13.91	12.77	*	+
	OVARC1001943	7.16	10.07	11.08	9.62	13.85	11.87		
20	OVARC1001949	1.69	3.34	4.15	5.35	4.01	5.55		
	OVARC1001950	1.53	2.41	3.79	6.3	4.35	3.98		
	OVARC1001952	11.3	11.38	53.57	52.33	78.84	38.05		
25	OVARC1001954	1.12	2.99	2.2	3.09	2.67	2.05		
	OVARC1001963	1	4.91	2.89	4.5	3.39	3.21		
	OVARC1001983	3.62	14.16	14.25	20.96	19.21	21.67		
	OVARC1001987	3.12	6.54	5.94	6.08	8.39	8.02		
30	OVARC1001989	1.41	5.2	4.96	4.54	5.59	5.26		
	OVARC1001991	1.74	3.27	4.08	4.57	3.86	3.27		
	OVARC1002005	4.14	3.55	7.66	10.01	9.06	8.2	*	+
	OVARC1002044	3.73	3.94	6.17	6.57	8.32	6.99	*	+
35	OVARC1002046	10.28	16.21	20.07	29.4	37.78	37.02	**	+
	OVARC1002050	1.7	5.6	2.43	3.96	3.82	2.53		
	OVARC1002058	4.23	6.11	4.02	4.69	5.55	5.43		
40	OVARC1002066	11.47	13.5	25.49	26.02	28.69	22.63		
	OVARC1002082	3.6	8.55	8.81	9.6	8.89	6.49		
	OVARC1002091	3.17	5.67	8.37	9.49	5.49	7.64		
	OVARC1002092	1.38	2.72	2.2	4	3.97	1.88		
45	OVARC1002093	1.79	3.1	4.51	5.01	4.44	3.88		
	OVARC1002094	1.55	6.24	4.17	36.42	27.25	28.35	**	+
	OVARC1002107	1.42	4.63	2.69	4.86	5.48	3.6		
50	OVARC1002112	6.17	11.59	8.5	13.47	17.48	11.92		
	OVARC1002126	2.66	6.35	6.68	7.95	6.44	8.79		
	OVARC1002127	0.73	5.04	1.86	1.92	2.61	1.52		
	OVARC1002138	1.4	1.79	1.86	3.16	4.82	2.75	*	+
55	OVARC1002143	0.73	1.51	1.55	1.29	3.03	2.09		

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	OVARC1002156	2.42	3.87	4.19	4.43	3.9	3.65		
	OVARC1002158	0.88	2.63	1.6	2.36	1.57	1.51		
5	OVARC1002165	4.85	6.3	-9.83	10.73	14.03	10.87		
	OVARC1002176	0.86	5.08	3.59	2.01	3.46	2.64		
	OVARC1002178	0.83	5.35	3.12	3.8	5.02	4.25		
	OVARC1002182	1.29	2.89	3.77	2.45	4.64	3.12		
10	OVARC1002185	11.45	13.19	62.79	43.91	53.43	55.56		
	PLACE1000004	1.42	3.23	2.35	3.87	4.25	4.05	*	+
	PLACE1000005	1.18	3.06	3.3	5.27	5.31	4.83	*	+
15	PLACE1000006	2.01	8.33	3.23	4.2	5.44	4.67		
	PLACE1000007	0.97	5.13	2.89	3.03	2.47	2.56		
	PLACE1000014	2.9	8.06	6.26	6.67	8.18	6.55		
	PLACE1000031	0.88	4.81	0.45	2.61	2.71	2.79		
20	PLACE1000033	1.23	2.15	2.75	2.42	3.17	2.56		
	PLACE1000040	3.08	4.43	6.18	7.11	5.54	7.37		
	PLACE1000048	1.83	3.24	2.14	3.32	3.96	3.74		
25	PLACE1000050	2.12	5.36	9.1	9	6.55	8.25		
	PLACE1000061	138.29	147.36	249.77	165.55	233.98	230.37		
	PLACE1000066	14.23	15	19.46	15.86	15.62	18.52		
	PLACE1000075	3.03	6.24	9.08	4.98	6.93	7.11		
30	PLACE1000078	2.1	5.75	5	6.07	6.93	5.19		
	PLACE1000081	1.08	1.88	1.52	1.13	1.89	1.27		
	PLACE1000086	4.97	6.55	11.25	8.1	9.16	7.75		
35	PLACE1000094	0.7	4.18	1.72	1	3.44	2.96		
	PLACE1000101	4.67	8.44	7.7	11.69	10.38	13.65	*	+
	PLACE1000121	0.87	6.29	2.02	1.95	2.85	2.39		
	PLACE1000133	6.65	11.93	17.66	15.19	17.59	21.71		
40	PLACE1000142	1.79	6.03	5.66	2.64	4.77	4.24		
	PLACE1000146	1.95	4.51	2.89	3.71	5.02	2.82		
	PLACE1000163	4.52	5.99	10.71	16.27	10.95	13.78		
	PLACE1000172	1.12	2.63	1.48	1.81	3.21	2.29		
45	PLACE1000181	1.06	3	2.98	2.63	3.75	2.86		
	PLACE1000184	1.17	3.08	1.48	1.87	3.28	2.27		
	PLACE1000185	2.99	6.52	8.47	9.53	9.99	12.03		
50	PLACE1000198	0.78	4.09	2.49	2.19	2.17	1.93		
	PLACE1000213	3.3	5.87	7.36	4.35	5.38	8.09		
	PLACE1000214	1.37	4.29	4.54	5.22	6.72	4.22		
	PLACE1000220	9.61	7.84	16.78	7.48	5.77	4.1		
55	PLACE1000231	2.48	4.1	4.92	4.57	4.65	3.91		

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	PLACE1000236	0.66	3.33	2.43	2.8	3.63	2.37		
	PLACE1000245	2.92	5.88	6.34	9.34	11.24	10.55	*	+
5	PLACE1000246	5.15	8.27	9.95	3.29	2.55	2.86	*	-
	PLACE1000258	5.4	12.61	13.52	14.88	16.7	14.95		
	PLACE1000288	1.68	7.22	2.96	2.83	4.02	2.48		
	PLACE1000292	3.72	9.02	8.85	10.23	20.58	9.21		
10	PLACE1000302	0.56	1.01	1.39	1.07	0.92	0.62		
	PLACE1000304	1.13	3.26	3.17	3.75	2.32	3.05		
	PLACE1000308	2.54	4.35	4.17	4.42	3.87	1.34		
15	PLACE1000309	2.29	4.02	4	6.72	5.23	7.88	*	+
	PLACE1000312	1.33	3.44	2.48	2.74	3.99	2.5		
	PLACE1000330	0.46	5.76	3.02	1.32	1.93	1.35		
	PLACE1000332	1.02	8.82	2.01	3.01	3.78	1.68		
20	PLACE1000347	2.3	9.48	3.89	2.59	5.81	3.22		
	PLACE1000351	1.2	1.5	2.87	2.2	2.4	2		
	PLACE1000374	2.01	3.03	7.02	8.89	6.55	6.85		
25	PLACE1000380	2.39	4.27	3.95	4.9	2.12	2.38		
	PLACE1000383	1.03	2.62	1.9	2.53	3.64	2.4		
	PLACE1000397	0.63	4.06	1.89	2.82	3.34	3.47		
	PLACE1000401	1.22	6.39	2.24	2.23	3.05	2.36		
30	PLACE1000406	1.08	8.76	3.4	3.72	4.08	3.64		
	PLACE1000412	1.61	6.38	1.56	1.62	3.45	1.46		
	PLACE1000420	2.59	3.51	4.6	8.95	7.28	5.6	*	+
	PLACE1000421	0.99	1.3	2.32	2.97	2	1.7		
35	PLACE1000423	16.6	23.29	32.85	10.67	8.02	8.09	*	-
	PLACE1000424	1.36	3.09	2.12	3.35	2.65	1.97		
	PLACE1000430	0.77	4.36	1.95	3.51	2.94	3.77		
40	PLACE1000433	1.06	5.9	1.65	1.89	2.6	1.8		
	PLACE1000435	1.39	7.21	4.77	6.22	6.29	4.22		
	PLACE1000437	6.06	10.65	10.14	17.29	20.07	18.79	**	+
	PLACE1000442	3.75	3.85	6.27	7.81	5.7	6.7		
45	PLACE1000444	2.14	3.94	8.96	11.14	11.55	9.8		
	PLACE1000453	5.57	11.03	14.16	10.42	7.4	2.99		
	PLACE1000456	1.25	2.21	1.97	1.33	2.18	1.07		
50	PLACE1000465	2.09	5.63	6.62	12.97	11.8	10.69	**	+
	PLACE1000481	2.32	8.1	3.73	6.89	6.64	6.45		
	PLACE1000492	1.15	4.45	2.95	3.27	3.06	2.81		
	PLACE1000508	1.36	4.64	4	3.91	4.24	3.71		
55	PLACE1000512	4.91	4.29	6.39	8.12	7.8	4.6		

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	PLACE1000540	5.18	3.93	7.84	5.44	6.9	5.57		
	PLACE1000541	13.59	15.07	48.84	60.62	81.24	41.96		
5	PLACE1000546	0.86	3.61	2.82	4.72	4.63	2.5		
	PLACE1000547	2.16	4.61	3.83	6.31	5.64	5.92	*	+
	PLACE1000560	2.08	5.97	2.1	1.62	2.8	1.72		
	PLACE1000562	2.8	6.23	6.04	8.86	11.26	8.61	*	+
10	PLACE1000564	1.54	6.4	3.07	3.16	4.41	3.43		
	PLACE1000583	3.75	3.28	6.32	6.78	11.53	6.8		
	PLACE1000587	8.52	9.32	12.99	13.64	14.69	9.43		
15	PLACE1000588	1.92	4.36	3.99	8.79	8.15	4.48		
	PLACE1000596	1.99	5.34	4.39	7.8	6.74	4.51		
	PLACE1000599	2.39	5.51	7.05	7.92	7.79	6.46		
	PLACE1000605	5.12	11.43	7.06	14.2	15.1	12.67	*	+
20	PLACE1000610	2.01	6.08	3.54	5.26	4.48	2.94		
	PLACE1000611	13.18	19.13	24.68	16.45	20.37	22.79		
	PLACE1000626	3.19	4.04	8.04	5.71	9.93	8.12		
25	PLACE1000633	1.32	2.12	3.95	4.8	6.06	3.59		
	PLACE1000636	1.15	2.54	1.43	2.72	4.25	2.94		
	PLACE1000653	5.07	8.56	9.29	11.07	11.87	14.08	*	+
	PLACE1000656	4.2	12.9	25.22	16.66	16.71	12.92		
30	PLACE1000663	2	6.43	3.59	2.39	6.61	4.03		
	PLACE1000706	2	6.3	5.04	5.37	7.27	6.26		
	PLACE1000712	3.9	9.52	10.82	10.49	10.07	9.11		
	PLACE1000716	0.98	2.75	3.44	2.44	3.2	2.82		
35	PLACE1000740	2.74	5.28	6.24	8.83	8.13	9.69	*	+
	PLACE1000748	3.35	3.51	6.81	3.12	5.02	4.23		
	PLACE1000749	3.49	6.35	5.94	4.61	4.65	6.02		
40	PLACE1000751	2.71	5.34	4.07	7.81	8.32	8.36	**	+
	PLACE1000755	1.39	6.14	1.93	2.55	5.1	2.96		
	PLACE1000769	2.29	6.8	3.45	3.33	4.58	2.6		
	PLACE1000778	0.87	1.48	1.99	2.05	2.94	2.38		
45	PLACE1000785	9.56	12.21	27.18	28	24.34	29.54		
	PLACE1000786	2.68	4.22	3.63	3.09	3.77	3.7		
	PLACE1000793	4.05	7.21	6.7	6.06	7.6	9.1		
50	PLACE1000795	2.15	5.5	3.99	4.44	5.29	4.31		
	PLACE1000798	0.88	8.44	3.24	3.13	3.8	3.72		
	PLACE1000812	2.13	5.08	4.46	5.06	5.16	6.03		
	PLACE1000823	1.71	5.2	4.89	5.67	7.28	4.84		
55	PLACE1000825	1.6	2.86	2.02	3.77	3.96	3.76	*	+

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	PLACE1000838	16	15.77	23.73	13.88	15.6	15.65		
	PLACE1000841	1.22	3.78	3.31	3.97	10.65	3.77		
5	PLACE1000843	2.14	6.2	5.68	5.79	7.7	5.38		
	PLACE1000849	2.79	8.82	6.72	7.24	6.78	10.02		
	PLACE1000856	2.01	5.3	3.59	3.42	4.79	4.19		
	PLACE1000863	5.2	7.58	9.56	8.97	12.34	11.53		
10	PLACE1000876	3.65	7.6	6.02	6.7	9.95	9.06		
	PLACE1000899	1.36	2.24	3.12	4.12	5.14	4.22	*	+
	PLACE1000907	4.82	5.53	9.59	6.77	8.44	5.83		
15	PLACE1000909	1.18	3.31	2.45	3.65	3.88	3.44		
	PLACE1000912	0.42	4.55	1.77	1.76	2.72	1.46		
	PLACE1000914	1.05	4.41	3.5	3	6.09	4.22		
	PLACE1000918	0.54	4.49	1.61	1.82	3.13	1.98		
20	PLACE1000927	10.48	12.41	16.9	20.91	23.21	25.47	*	+
	PLACE1000931	0.69	3.44	2.12	2.44	3.94	3.3		
	PLACE1000944	2.55	2.24	4.78	3.84	3.32	2.09		
25	PLACE1000948	0.52	2.31	2.96	2.21	2.72	1.72		
	PLACE1000958	0.12	2.2	1.73	1.11	1.77	2.27		
	PLACE1000972	1.01	3.43	2.89	4.49	5.33	3.75		
	PLACE1000977	2.33	5.67	4.42	2.71	5.33	5.25		
30	PLACE1000979	1.63	8.01	3.93	4.24	5.92	4.57		
	PLACE1000986	3.37	16.51	6.63	6.97	8.75	7.69		
	PLACE1000987	1.76	10.13	4.79	4.17	4.74	5.11		
35	PLACE1001000	4.85	4.62	7.76	6.02	4.25	3.02		
	PLACE1001007	7	6.94	14.66	5.39	3.76	3.47		
	PLACE1001010	0.61	2.04	2.45	2.56	2.73	2.84		
	PLACE1001015	0.88	2.55	1.84	2.36	1.72	2.42		
40	PLACE1001016	1.79	4.54	4.29	6.37	9	6.57	*	+
	PLACE1001022	0.68	6.5	2.45	1.9	2.39	1.29		
	PLACE1001024	1.05	8.89	1.83	1.34	2.49	2.35		
	PLACE1001036	2.63	10.55	5.42	3.62	5.49	5.43		
45	PLACE1001038	50.16	49.81	118.83	82.67	64.83	52.8		
	PLACE1001048	1.07	1.82	0.92	2.39	2.09	1.21		
	PLACE1001054	9.95	10.74	63.88	62.96	79.44	66.71		
50	PLACE1001062	1.45	4.19	3.71	3.12	4.17	3.05		
	PLACE1001063	1.35	3.74	2.2	4.06	3.65	2.74		
	PLACE1001076	0.46	6.48	1	1.86	2.18	1.62		
	PLACE1001081	1.53	7.95	3.33	3.65	5.24	4.8		
55	PLACE1001088	1.32	5.24	1.22	1.42	2.81	1.37		

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	PLACE1001092	2.31	2.47	4.68	5.8	4.18	3.9		
	PLACE1001098	0.93	2.62	4.53	5.49	4.05	3.17		
5	PLACE1001100	1.31	2.58	-2.48	4.27	4.17	3.37	*	+
	PLACE1001104	1.95	4.09	4.54	3.39	3.42	4.47		
	PLACE1001114	1.56	6.54	4.33	5.17	3.78	3.27		
10	PLACE1001118	2.52	5.77	6.12	6.21	6.14	5.1		
	PLACE1001123	2.86	5.3	7.53	7.08	8.51	7.63		
	PLACE1001136	1.58	4.39	5.13	5.29	5.95	5.85		
	PLACE1001144	6.27	5.67	13.43	10.34	11	10.08		
15	PLACE1001147	2.11	2.98	6.03	6.13	5.15	4.83		
	PLACE1001148	1.72	1.31	1.89	1.76	2.39	2.31		
	PLACE1001159	0.86	2.37	2.05	2.27	3.73	1.43		
20	PLACE1001168	8.87	14.52	15.09	25.46	23.18	30.79	*	+
	PLACE1001171	0.69	3.89	1.23	2.53	1.42	1.53		
	PLACE1001183	0.24	3.61	1.81	1.57	2.78	1.38		
	PLACE1001185	3.13	7.43	3.76	5	6.4	5.64		
25	PLACE1001201	1.77	2.8	3.29	6.32	6.94	6.32	**	+
	PLACE1001229	7.51	8.56	12.64	15.24	11.45	10.42		
	PLACE1001231	1.83	2.73	3.07	4.09	5.1	2.3		
	PLACE1001238	1.52	4.35	3.74	3.65	4.52	4.57		
30	PLACE1001241	1.63	5.58	2.92	5.73	8.13	7.04		
	PLACE1001242	22.28	29.54	30.28	46.43	48.89	62.65	*	+
	PLACE1001247	2.43	7.02	4.07	5.03	5.91	4.52		
35	PLACE1001250	1.01	5.36	3.61	4.68	4.39	4.81		
	PLACE1001257	2.99	3.06	7.06	7.89	9.21	7.69		
	PLACE1001272	3.19	4.27	5.68	7.13	6.43	5.14		
	PLACE1001279	0.96	3.12	2.74	3.08	3.81	3.29		
40	PLACE1001280	1.08	4.75	2.68	4.98	4.45	2.86		
	PLACE1001294	1.91	7.23	6.91	4.88	5.57	6.18		
	PLACE1001295	4.16	9.94	7.53	8.55	11.85	8.43		
45	PLACE1001300	2.46	7.9	4.31	4.65	14.73	4.95		
	PLACE1001304	3	8.27	10.47	8.57	10.81	10.64		
	PLACE1001311	3.95	3.34	5.67	6.85	9.14	7.6	*	+
	PLACE1001323	2.17	2.95	5.12	5.66	8.43	5.5		
50	PLACE1001325	0.88	1.95	3.71	2.84	3.56	3.27		
	PLACE1001340	5.18	6.99	9.8	8.69	12.02	10.48		
	PLACE1001344	1.52	3.49	1.77	2.34	2.06	1.75		
	PLACE1001351	3.23	6.39	8.39	6.4	8.62	6.1		
55	PLACE1001366	1	4.49	4.02	4.19	4.6	3.72		

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	PLACE1001377	3.02	4.97	5.1	7.91	7.28	5.83	*	+
	PLACE1001383	2.31	4.13	3.53	2.62	5.5	5.72		
5	PLACE1001384	1.81	3.23	2.89	2.05	3.43	3.15		
	PLACE1001387	1.65	3.64	3.7	3.03	4.83	3		
	PLACE1001395	3.72	6.64	6.54	7.01	7.61	7.73		
	PLACE1001399	3.71	6.58	9.31	7.37	8.61	9.22		
10	PLACE1001401	0.83	5.25	2.33	1.55	1.76	0.87		
	PLACE1001407	11.65	21.8	24.47	22.63	18.09	26.24		
	PLACE1001412	1.6	4.98	4.53	4.08	4.42	3.83		
15	PLACE1001414	2.3	3.02	5.86	7.57	5.13	6.83		
	PLACE1001416	2.99	4.71	3.29	5.62	4.04	7.08		
	PLACE1001433	33.62	33.05	51.64	49.1	58.33	55.88		
	PLACE1001440	1.95	3.99	3.96	3.6	3.53	2.1		
20	PLACE1001456	1.64	5.5	4.26	4.15	4.87	4.49		
	PLACE1001464	32.76	28.05	47.41	53.22	68.42	61.32	*	+
	PLACE1001468	0.85	5.04	1.17	1.56	2.55	2.27		
25	PLACE1001484	1.31	4.85	2.96	4.25	5.8	3.04		
	PLACE1001500	0.92	2.22	2.14	2.72	3.34	3.26	*	+
	PLACE1001502	1.36	3.6	3.9	3.54	5.9	4.54		
	PLACE1001503	1.7	4.58	6.72	7.47	8.2	8.05		
30	PLACE1001505	6.34	14.13	16.16	39.97	27.14	46.65	*	+
	PLACE1001513	4.09	10.82	8.17	5.87	8.53	14.61		
	PLACE1001516	0.61	4.33	1.33	1.71	3.49	1.99		
35	PLACE1001517	5.56	8.58	14.77	14.14	14.96	14.28		
	PLACE1001523	12.83	14.09	20.42	22.79	19.74	32.9		
	PLACE1001526	5.12	4.89	8.42	9.51	9.11	6.89		
	PLACE1001534	2.12	5.12	3.58	3.62	5.55	3.99		
40	PLACE1001536	0.61	2.5	1.52	2.11	3.2	1.9		
	PLACE1001545	17.97	23.9	38.46	33.78	45.13	66.08		
	PLACE1001551	2.55	6.26	6.15	4.72	6.59	6.71		
45	PLACE1001564	1.37	4.87	2.88	4.01	3.57	3.7		
	PLACE1001570	2.62	5.95	4.18	2.19	3.82	4.32		
	PLACE1001571	2.04	4.51	6.07	5.69	6.27	5.81		
	PLACE1001595	4.73	4.64	10.04	11.6	8.27	5.28		
50	PLACE1001602	7.23	8.39	18.65	20.38	18.68	19.71		
	PLACE1001603	2.01	3.83	5.37	6.86	5.86	4.56		
	PLACE1001608	3.44	7.22	5.9	5.82	7.73	8.7		
	PLACE1001610	3.77	8.4	8.22	9.26	9.49	9.85		
55	PLACE1001611	1.94	7.34	3.65	2.28	3.85	1.88		

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	PLACE1001629	0.78	6.77	2.24	3.62	3.36	3.52		
	PLACE1001632	1.66	8.26	4.04	4.3	4.14	4.37		
5	PLACE1001634	7.4	9.92	-39.12	23.85	32.41	18.38		
	PLACE1001637	0.84	2.16	1.25	1.41	2.4	1.1		
	PLACE1001640	1.33	3.27	4.66	2.68	4.85	4.49		
10	PLACE1001655	0.83	2.93	2.06	2.82	2.14	2.02		
	PLACE1001672	1.84	7.04	4.01	3.3	4.41	4.09		
	PLACE1001676	1.38	8.49	3.54	4.63	4.77	3.85		
	PLACE1001683	12.79	23.62	24.61	25.33	30.22	27.13		
15	PLACE1001691	3.41	12.29	6.72	9.03	8.96	9.83		
	PLACE1001692	1.47	2.96	5.25	5.87	5.6	5.13		
	PLACE1001705	3.02	3.75	9.88	10.06	9.21	8.32		
20	PLACE1001716	1.68	3	2.61	2.24	3.79	3.58		
	PLACE1001720	1.49	2.62	2.21	1.56	2.45	1.71		
	PLACE1001728	1.43	6.19	4.24	1.96	2.04	2.51		
	PLACE1001729	2.12	8.13	4.44	3.8	4.52	4.36		
25	PLACE1001739	2.61	9.55	4.04	4.95	7.24	6.16		
	PLACE1001740	0.92	5.36	2.09	1.92	2.1	1.69		
	PLACE1001745	1.15	0.98	3.22	1.87	2.48	2.31		
	PLACE1001746	1.04	2.25	2.55	4.64	3.4	2.82		
30	PLACE1001748	4.74	7.01	8.18	8.19	6.58	5.96		
	PLACE1001753	2.06	3.54	3.29	7.44	5.57	5.82	*	+
	PLACE1001756	5.6	11.31	38.07	31.78	44.99	35.99		
35	PLACE1001760	6.54	12.23	12.85	16.36	16.96	16.66	*	+
	PLACE1001767	11.26	14.98	59.72	45.37	61.46	45.39		
	PLACE1001771	1.96	6.64	4.03	4.32	5.22	4.54		
	PLACE1001775	2.23	2.81	6.72	5.1	3.11	4.79		
40	PLACE1001777	83.34	145.9	190.82	142.92	71.27	59.69		
	PLACE1001781	1.9	3.86	4.91	8.72	3.39	2.3		
	PLACE1001783	0.76	3.21	2.06	4.84	2.09	1.54		
45	PLACE1001786	1.77	6.61	2.72	3.7	3.32	2.6		
	PLACE1001788	5.16	9.07	7.14	10.52	8.74	9.32		
	PLACE1001795	1.92	4.4	4.82	5.42	4.61	5.42		
	PLACE1001799	0.69	3.62	2.11	1.86	2.83	1.97		
50	PLACE1001810	0.89	1.52	1.76	2.73	3.91	1.73		
	PLACE1001817	5.53	6.12	10.88	10.56	9.4	6.38		
	PLACE1001821	4.68	6.07	7.11	8.37	9.92	4.99		
	PLACE1001836	0.91	3.12	2.38	2.69	4.12	2.63		
55	PLACE1001844	1.55	5.1	3.48	4.42	4.36	4.09		

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	PLACE1001845	3. 62	8. 38	7. 39	7. 88	7. 55	9. 93		
	PLACE1001858	2. 56	6. 58	3. 52	5. 26	7. 48	6. 05		
5	PLACE1001869	3. 13	7. 15	-4. 85	6. 09	6. 46	5. 66		
	PLACE1001890	11. 74	11. 92	21. 45	173. 44	255. 31	125. 13	*	+
	PLACE1001897	9. 19	13. 85	16. 44	22. 22	23. 13	12. 95		
	PLACE1001902	10. 13	12. 6	21. 53	22. 74	27. 67	12. 77		
10	PLACE1001904	1. 38	3. 72	1. 51	2. 45	2. 53	2. 35		
	PLACE1001907	3. 36	6. 76	5. 71	7. 67	5. 67	5. 59		
	PLACE1001910	83. 6	82. 16	135. 34	301. 29	325. 42	244. 59	**	+
15	PLACE1001912	1. 53	6. 6	3. 36	5. 54	5. 48	4. 85		
	PLACE1001918	17. 31	22. 95	30. 16	31. 14	40. 44	40. 02	*	+
	PLACE1001920	2. 07	3. 51	5. 43	11. 97	13. 8	11. 4	**	+
	PLACE1001928	3. 06	2. 96	4. 67	5. 29	9. 7	5. 31		
20	PLACE1001930	1. 17	3. 92	2. 2	2. 9	4. 73	3. 22		
	PLACE1001949	1. 16	3. 67	1. 78	3. 84	4. 24	3. 18		
	PLACE1001959	1. 36	4. 7	3. 16	2. 63	3. 17	2. 26		
25	PLACE1001969	2. 09	7. 83	7. 21	6. 56	10. 73	6. 57		
	PLACE1001974	7. 39	11. 98	11. 87	11. 43	16. 09	16. 06		
	PLACE1001981	0. 77	4. 38	3. 22	1. 77	3. 88	2. 36		
	PLACE1001983	3. 81	4. 12	5. 32	5. 92	6. 16	5. 72	*	+
30	PLACE1001989	2. 34	4. 15	5. 02	4. 37	5. 91	3. 72		
	PLACE1002004	3. 07	4. 06	8. 05	9. 22	9. 69	7. 18		
	PLACE1002008	8. 4	11. 76	17	23. 36	22. 19	22. 42	*	+
35	PLACE1002015	26. 96	30. 92	67. 62	105. 75	88. 42	94. 15	*	+
	PLACE1002044	3. 79	8. 07	5. 86	4. 64	6. 39	6. 4		
	PLACE1002046	1. 78	5. 68	1. 9	4. 3	5. 79	4. 97		
	PLACE1002052	1. 09	4. 98	2. 26	1. 38	2. 41	2. 32		
40	PLACE1002066	4. 79	6. 3	8. 29	10. 24	10. 77	9. 93	*	+
	PLACE1002072	2. 55	3. 91	4. 86	6	5. 48	6	*	+
	PLACE1002073	0. 51	2. 83	2. 29	2. 35	4. 06	2. 91		
	PLACE1002080	1. 81	6. 49	6. 13	4. 76	6. 82	5. 72		
45	PLACE1002081	1. 66	6. 13	4. 06	3. 74	4. 86	4. 3		
	PLACE1002090	7. 74	16. 55	13. 87	12. 53	14. 4	19. 41		
	PLACE1002095	2. 97	6. 22	8. 45	10. 01	10. 18	11. 32	*	+
50	PLACE1002102	4. 26	8. 56	8. 81	9. 47	9. 56	10. 67		
	PLACE1002109	2. 57	5. 08	3. 81	4. 66	6. 17	6. 32		
	PLACE1002115	1. 75	3. 57	2. 48	2. 78	4. 26	2. 59		
	PLACE1002119	15. 65	15. 3	35. 78	37. 28	32. 59	38. 23		
55	PLACE1002140	5. 25	8. 45	14. 05	19. 93	17. 14	17. 19	*	+

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	PLACE1002150	1.54	8.26	4.25	3.23	5.36	4.12		
	PLACE1002153	1.6	5.75	2.58	3.47	5.76	4.48		
5	PLACE1002157	0.87	2.96	1.72	1.76	3.28	3.73		
	PLACE1002163	2.13	4.67	4.55	6.21	8.81	6.03		
	PLACE1002168	2.39	4.04	4.42	4.68	6.28	3.22		
	PLACE1002170	2.73	3.53	7.35	4.89	5.33	3.74		
10	PLACE1002171	3.09	6.11	10.02	18.44	14.63	13.93	*	+
	PLACE1002180	3.16	6.23	6.77	4.63	8.54	8.39		
	PLACE1002184	9.2	15.58	18.42	124.63	250.27	333.14	*	+
15	PLACE1002200	1.35	5.67	2.38	2.97	2.89	2.26		
	PLACE1002205	3.3	6.47	18.07	17.08	18.38	14.61		
	PLACE1002213	2.2	4.16	4.93	5.52	8.03	6.03		
	PLACE1002219	1.05	1.91	2.23	3.33	3.53	1.96		
20	PLACE1002227	0.68	2.65	1.7	1.5	3.03	1.67		
	PLACE1002253	0.32	2.67	1.28	1.47	0.76	0.43		
	PLACE1002256	1.16	4.78	3.31	3.54	3.01	4.79		
25	PLACE1002259	1.46	5.69	4.48	3.22	2.98	2.31		
	PLACE1002285	1.16	10.74	2.29	1.55	2.38	1.24		
	PLACE1002301	9.42	17.5	14.68	12.7	10.48	11.7		
	PLACE1002310	4.28	10.16	9.86	8.82	7.87	9.94		
30	PLACE1002311	1.84	2.94	3.87	2.96	2.87	2.03		
	PLACE1002319	2.31	2.64	2.94	3.21	3.23	3.92	*	+
	PLACE1002329	0.56	2.54	2.5	4.07	3.58	3.07		
35	PLACE1002333	1.34	3.1	1.96	1.22	2.44	2		
	PLACE1002342	4.19	9.04	9.44	5.06	8.52	8.17		
	PLACE1002343	0.49	6.98	2.94	2.08	1.9	2.52		
	PLACE1002355	1.31	9.39	2.36	3.33	4.35	2.63		
40	PLACE1002358	1.15	7.94	3.3	2.6	2.65	2.13		
	PLACE1002359	1.91	2.17	3.47	4.7	3.91	3.42		
	PLACE1002374	29.69	28.18	54.19	53.9	34.73	36.14		
45	PLACE1002376	3.58	5.91	7.86	6.23	6.82	6.56		
	PLACE1002379	6.24	7.66	6.63	10.13	9.68	10.9	**	+
	PLACE1002386	0.86	5.32	1.35	1.87	2.05	1.51		
	PLACE1002395	3.69	9.97	17.13	16.43	20.62	16.16		
50	PLACE1002399	2.38	11.09	3.42	5.31	10.38	7.39		
	PLACE1002407	1.09	5.22	2.31	2.3	4.01	3.66		
	PLACE1002433	1.63	2.17	2.97	2.96	4.35	3.66		
	PLACE1002437	0.79	1.4	1.47	1.41	3.28	1.35		
55	PLACE1002438	0.74	2.38	1.96	1.8	2.43	3.38		

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	PLACE1002446	4.64	8.42	5.95	10.27	8.88	11.99	*	+
	PLACE1002447	1.26	6.06	2.05	3.92	3.14	4.32		
5	PLACE1002450	1.19	5.92	-3.24	4.32	4.21	5.05		
	PLACE1002462	0.81	4.02	2.94	3.51	2.99	3.13		
	PLACE1002465	0.96	4.69	2.2	2.69	4.31	2.24		
	PLACE1002474	1.61	2.26	3.23	3.85	4.41	3.6	*	+
10	PLACE1002477	11.11	14.51	32.39	44.06	41.42	26.68		
	PLACE1002493	3.39	4.1	10.1	14.39	16.66	9.49		
	PLACE1002497	0.68	2.81	0.67	1.45	0.93	0.99		
15	PLACE1002499	2.12	4.73	3	5.98	6.44	5.28	*	+
	PLACE1002500	2.61	6.52	7.36	7.58	10.45	7.25		
	PLACE1002514	0.3	4.49	1.84	1.74	2.47	1.75		
	PLACE1002518	2.86	7.65	6.9	5.62	7.55	4.67		
20	PLACE1002529	1.14	1.56	2.21	3.19	3.4	1.44		
	PLACE1002532	1.31	1.82	3.18	5.75	4.94	5.59	**	+
	PLACE1002536	3.59	3.75	3.44	5.84	6.07	3.85		
	PLACE1002537	1.63	4.06	2.7	2.69	4.07	3.08		
25	PLACE1002539	1.86	5.68	2.75	4.53	5.29	4.78		
	PLACE1002547	6.09	8.06	7.3	12.32	11.02	11.26	**	+
	PLACE1002571	2.84	6.85	5.19	6.84	8.65	6.23		
30	PLACE1002578	3.57	8.34	8.35	11.11	12.19	8.11		
	PLACE1002583	1.33	1.61	2.32	3.18	4.02	2.46		
	PLACE1002591	0.82	1.62	2.34	3.25	4.43	1.92		
	PLACE1002598	6.56	10.95	12.39	11.93	9.04	7.74		
35	PLACE1002604	1.73	3.57	2.69	3.75	5.38	3.51		
	PLACE1002612	2.89	8.47	5.95	11.25	10.88	8.06		
	PLACE1002625	1.25	4.79	3.18	2.7	3.25	1.82		
40	PLACE1002638	2.94	8.01	6.66	7.78	6.81	7.29		
	PLACE1002655	1.39	6.51	5.57	7.19	7.62	6.46		
	PLACE1002665	4.57	3.88	5.4	7.47	12.16	10.75	*	+
	PLACE1002685	0.58	1.12	1.3	0.67	2.43	0.98		
45	PLACE1002692	7.42	8.56	16.7	19.27	22.67	16.29		
	PLACE1002714	1.8	3	2.11	2.43	3.14	2.24		
	PLACE1002721	2.94	4.37	3.88	5.88	7.1	4.28		
50	PLACE1002722	0.92	5.42	1.97	1.37	3.28	1.85		
	PLACE1002726	1.6	6.24	3.66	4.6	5.7	5.26		
	PLACE1002756	1.57	4.5	7.04	5.92	9.63	7.78		
	PLACE1002768	1.05	3.72	2.16	2.1	2.34	1.71		
55	PLACE1002772	0.54	2.15	1.32	2.49	2.86	2.3		

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	PLACE1002775	4.33	4.71	9.15	7.05	7.08	8.67		
	PLACE1002780	185.63	218.72	325.36	272.21	244.38	305.38		
5	PLACE1002782	0.4	3.76	1.1	1.62	1.69	1.14		
	PLACE1002794	1.5	6.71	3.27	2.26	4.59	4.36		
	PLACE1002795	1.92	6.45	0.81	2.37	3.63	2.77		
	PLACE1002811	0.6	1.57	1.34	1.9	1.46	1.16		
10	PLACE1002815	6.39	7	10.49	7.24	3.16	9.21		
	PLACE1002816	8.5	9.72	9.05	7.22	8.2	7.97	*	-
	PLACE1002822	0.58	2.51	2.06	2.2	2.87	1.94		
15	PLACE1002833	9.98	15.11	16.78	15.42	15.99	16.56		
	PLACE1002834	3.2	8.08	6.57	6.23	6.79	8.41		
	PLACE1002835	0.62	4.14	1.72	0.85	1.83	1.79		
	PLACE1002839	1.13	5.75	2.72	2.89	4.72	2.81		
20	PLACE1002851	1.52	1.87	1.41	1.98	2.15	2.7		
	PLACE1002853	4.18	6.23	9.15	6.26	5.6	7		
	PLACE1002881	3.42	5.2	11.04	8.35	11.57	10.26		
25	PLACE1002901	9.66	12.66	20.09	24.14	25.51	30.67	*	+
	PLACE1002904	0.89	7.35	1.41	1.98	1.95	3.09		
	PLACE1002905	1.36	5.46	3.26	4.04	4.46	3.4		
	PLACE1002908	1.6	5.19	3.18	3.84	5.27	3.81		
30	PLACE1002911	3.91	6.96	6.9	4.66	7.89	6.75		
	PLACE1002941	1.57	2.2	2.48	3.94	2.02	2.31		
	PLACE1002950	9.59	9.15	14.74	5.31	8.02	14.51		
35	PLACE1002955	47.83	40.69	72.7	82.17	62.5	84.64		
	PLACE1002958	19.36	26.92	35.27	35.6	35.35	59.02		
	PLACE1002962	1.03	4.03	2.2	1.41	2.63	1.67		
	PLACE1002967	1.34	4.83	3.19	4.37	3.52	2.81		
40	PLACE1002968	1.2	5.14	2.7	2.55	3.05	1.81		
	PLACE1002976	8.94	12.08	24.23	24.5	36.89	30.05		
	PLACE1002991	2.68	3.05	6.66	3.49	4.56	3.6		
	PLACE1002993	2.72	3.86	5.52	8.21	6.92	5.56		
45	PLACE1002996	2.02	3.03	3.43	5.54	3.52	3.01		
	PLACE1003010	1.91	3.69	4.27	4.31	3.86	3.32		
	PLACE1003025	2.85	7.01	6.1	8.57	11.37	10.11	*	+
50	PLACE1003027	5.02	13.08	9.31	8.55	12.45	12.76		
	PLACE1003044	1.95	8.24	2.61	3.64	4.16	2.74		
	PLACE1003045	1.41	7.75	1.77	1.88	2.64	1.01		
	PLACE1003052	2.19	3.16	5.74	4.44	3.6	1.99		
55	PLACE1003083	1.59	3.04	3.23	3.06	1.61	2.25		

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	PLACE1003085	3.91	6.19	5.6	9.46	5.89	3.33		
	PLACE1003092	3.94	4.87	6.25	7	5.6	6.17		
5	PLACE1003097	0.37	3.06	-1.44	2.12	1.88	1.63		
	PLACE1003100	1.65	7.1	4.2	3.88	4.74	4.29		
	PLACE1003108	1.26	10.37	2.91	3.32	4.44	2.39		
10	PLACE1003115	11.39	18.3	58.59	73.64	99.24	69.1	*	+
	PLACE1003120	3.1	3.08	9.71	11.34	8.32	10.19		
	PLACE1003135	0.72	2.04	1.09	1.56	2.89	1.08		
	PLACE1003136	3.95	5.82	6.05	9.03	6.55	7.34		
15	PLACE1003141	2.04	2.97	2.1	1.97	2.49	1.8		
	PLACE1003145	1.21	4.17	2.52	6.24	6.88	7.67	*	+
	PLACE1003147	2.87	7.85	5.71	5.02	5.25	6.28		
20	PLACE1003153	0.54	7.63	2.14	1.66	3.2	1.82		
	PLACE1003163	6.09	13.55	8.19	8.39	14.09	12.26		
	PLACE1003172	23.21	21.74	44.19	47.78	43.17	39.52		
	PLACE1003174	2.31	2.49	3.75	4.3	3.55	1.68		
25	PLACE1003176	0.47	2	1.89	2.88	1.27	1.46		
	PLACE1003181	1.72	4.19	2.72	2.5	2.76	2.36		
	PLACE1003184	0.76	3.92	1.53	1.91	1.49	2.06		
	PLACE1003190	2.39	9.81	8.67	10.73	7.98	10.34		
30	PLACE1003200	0.29	4.48	1.84	0.72	1.92	1.16		
	PLACE1003205	3.94	7.07	9.68	6.82	10.38	7.2		
	PLACE1003209	1.43	2.18	2.62	2.28	1.82	2.89		
35	PLACE1003214	0.83	1.3	2	2.15	2.44	1.81		
	PLACE1003229	2.08	2.78	2.9	2.78	3.35	3.48		
	PLACE1003238	0.46	2.34	1.24	1.35	2	0.75		
	PLACE1003249	1.87	5.04	4.7	7.33	7.56	5.89		
40	PLACE1003256	3.47	7.69	7.94	8.82	7.68	6.08		
	PLACE1003258	1.03	3.81	3.48	2.42	2.19	0.87		
	PLACE1003279	3.09	7.19	9.02	11.15	13.56	11.58	*	+
45	PLACE1003294	0.95	1.54	1.59	1.57	1.25	2.64		
	PLACE1003296	1.49	2.6	2.45	2.59	3.11	2.4		
	PLACE1003297	7.52	10.15	31.88	23.01	23.49	19.3		
	PLACE1003302	3.92	5.16	6.99	5.8	4.72	5.47		
50	PLACE1003334	1.51	4.41	1.91	2.4	3.59	3.09		
	PLACE1003337	13.69	16.3	29.83	28.53	34.27	25.76		
	PLACE1003342	1.05	4.07	1.89	2.15	2.35	1.97		
	PLACE1003343	1.07	4.98	1.61	2.02	2.75	2.12		
55	PLACE1003344	6.25	5.33	12.83	11.18	11.35	11.98		

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	PLACE1003353	19.67	16.04	40.09	37.78	42.55	40.26		
	PLACE1003361	1.82	3.64	3.72	5.85	5.31	4.6	*	+
5	PLACE1003366	1.45	4.35	2.63	3.22	3.33	2.97		
	PLACE1003369	2.75	4.51	3.49	3.29	3.25	4.62		
	PLACE1003372	2.08	5.73	2.68	5.45	4.72	3.39		
10	PLACE1003373	2.85	7.37	6.62	8.8	11.81	9.89		
	PLACE1003375	1.42	4.91	1.92	2.59	2.95	3.21		
	PLACE1003378	0.94	0.94	0.98	0.7	1.66	1.08		
	PLACE1003383	0.87	1.55	2.33	1.59	3.15	1.57		
15	PLACE1003394	10.55	12.49	24.08	11.75	22.99	17.27		
	PLACE1003401	0.79	3.91	1.34	1.03	2.13	1.04		
	PLACE1003405	1.5	3.97	2.22	2.54	2.46	2.04		
20	PLACE1003407	2.39	6.06	5.16	3.96	6.3	4.02		
	PLACE1003420	3.26	7.69	6.19	6.8	10.92	8.7		
	PLACE1003428	0.63	3.3	2.62	2.07	2.94	1.96		
	PLACE1003432	6.14	5.81	8.2	6.64	7.05	5.42		
25	PLACE1003438	0.45	2.66	0.93	2.41	2.34	1.99		
	PLACE1003452	1.87	5.02	5.08	4.53	3.43	3.84		
	PLACE1003454	2.49	5.59	7.34	7.31	6.95	5.61		
	PLACE1003455	2.58	4.26	2.35	2.97	3.01	3.17		
30	PLACE1003456	3.22	7.74	8.62	6.9	7.2	7.79		
	PLACE1003460	6.39	13.35	14.87	13.02	16.76	12.86		
	PLACE1003478	1.15	1.71	0.86	2.33	2.07	1.24		
35	PLACE1003484	12.06	12.21	45.33	28.12	31.5	34.2		
	PLACE1003493	1.61	4.72	4.9	3.84	5.96	5.08		
	PLACE1003503	85.45	87.35	107.79	115.17	111.85	172.81		
	PLACE1003505	1.99	6.77	4.78	7.44	6.63	8.87		
40	PLACE1003516	0.86	6.78	2.7	2.8	3.95	2.39		
	PLACE1003519	17.58	26.29	50.41	45.77	36.97	58.75		
	PLACE1003520	14.18	25.48	35.96	25.73	31.4	32.19		
45	PLACE1003521	2.71	3.64	4.93	5.97	4.71	7.4		
	PLACE1003525	8.45	11.81	45.05	33.94	43.71	36.88		
	PLACE1003528	39.18	44.68	136.4	106.04	122.76	127.22		
	PLACE1003529	1.46	4.26	3.29	2.4	3.94	3.83		
50	PLACE1003537	4.41	9.05	11.05	11.36	13.77	13.3		
	PLACE1003549	1.1	5.02	4.59	5.61	6.01	5.93		
	PLACE1003553	1.6	5.89	3.88	4.02	4.17	4.23		
	PLACE1003566	5.93	9.8	17.51	13.03	19.09	14.58		
55	PLACE1003568	3.01	2.71	5.76	5.69	4.43	4.04		

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	PLACE1003573	0.98	2.43	1.19	2.16	1.87	1.48		
	PLACE1003575	2.16	3.09	3.44	3.34	3.5	4.15		
5	PLACE1003583	0.97	3.45	-3.34	2.29	4.16	2.23		
	PLACE1003584	1.23	4.46	4.01	3.56	3.8	2.65		
	PLACE1003592	4.4	8.48	9.48	7.11	10.48	9.53		
10	PLACE1003593	0.84	5.55	2.4	2.23	3.02	1.55		
	PLACE1003594	4.24	6.76	6.01	5.78	6.68	7.36		
	PLACE1003596	13.77	11.31	22.53	15.68	17.69	8.25		
	PLACE1003598	2.83	3.63	5.02	4.89	3.7	2.95		
15	PLACE1003602	1.8	4.24	6.36	4.37	3.54	2.68		
	PLACE1003605	17.43	21.72	45.86	94.65	95.6	91.55	**	+
	PLACE1003611	2.34	5.18	6.07	5.65	7.14	6		
	PLACE1003618	0.67	7.39	2.09	1.58	2.4	1.32		
20	PLACE1003625	1.78	10.41	2.75	3.33	5.48	2.8		
	PLACE1003626	8.77	15.99	17.14	10.87	14.46	13.19		
	PLACE1003630	1.8	2.57	5.8	7.05	4.67	5.86		
25	PLACE1003635	2.15	1.83	3.19	2.96	2.82	2.44		
	PLACE1003638	1.3	2.58	3	5.21	4.19	3.13		
	PLACE1003644	4.01	5.7	7.25	7.81	9.13	8.76	*	+
	PLACE1003654	2.56	6.14	4.04	3.54	6.96	6.4		
30	PLACE1003656	2.69	7.79	6.12	6.54	5.63	4.77		
	PLACE1003660	0.26	9.54	3.5	3.08	4.92	4.11		
	PLACE1003669	2.43	9.05	3.67	2.59	4.26	3.08		
35	PLACE1003670	5.37	5.7	9.44	11.01	8.26	8.76		
	PLACE1003671	1.66	1.22	3.57	3.11	2.57	1.57		
	PLACE1003697	7.27	7.99	9.8	8.23	6.06	6.42		
	PLACE1003704	3.12	3.97	5.17	5.96	7.25	5.97	*	+
40	PLACE1003709	0.89	2.63	0.8	1.19	1.24	2.44		
	PLACE1003711	0.74	5.48	1.35	1.87	1.8	1.39		
	PLACE1003723	1.07	6.99	4.7	4.2	5.31	4.16		
45	PLACE1003724	3.31	10.74	9.1	9.11	11.79	10.49		
	PLACE1003737	2.14	2.21	4.72	3.35	3.1	3.29		
	PLACE1003738	1.06	1.94	3.13	3.96	3.92	3.41		
	PLACE1003742	2.25	3.58	5.71	6.81	6.18	2.85		
50	PLACE1003744	6.13	8.86	14.6	16.21	17.96	19.13	*	+
	PLACE1003758	0.85	4.55	0.96	2	1.46	1.16		
	PLACE1003760	13.44	18.68	27.23	31.82	20.52	22.79		
	PLACE1003762	1.45	4.97	3.7	3.77	3.78	3.49		
55	PLACE1003765	1.18	5.23	3.45	2.01	3.1	2.11		

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	PLACE1003768	0.36	1.14	1.36	1.45	2.75	1.07		
	PLACE1003771	1.28	1.94	2.07	1.84	3.13	1.43		
5	PLACE1003772	34.15	38.19	-97.86	62.42	64.06	52.43		
	PLACE1003783	1.48	3.02	2.22	18.65	19.53	16.61	**	+
	PLACE1003784	0.69	3.92	0.87	2.09	2.19	2.68		
10	PLACE1003788	0.4	4.92	1.06	1.85	1.71	0.32		
	PLACE1003795	1.01	4.1	3.57	4.73	4.38	3.54		
	PLACE1003827	13.83	20.46	20.72	22.48	30.84	25.92		
	PLACE1003833	0.98	1.49	3.9	3.65	4.33	3.31		
15	PLACE1003839	22.55	19.18	52.95	50.39	56.11	43.86		
	PLACE1003845	6.09	6.88	11.72	24.98	19.99	10.6		
	PLACE1003850	3.16	4.84	7.19	5.45	5.95	6.39		
	PLACE1003852	0.25	3.36	1.09	0.99	1.58	1.05		
20	PLACE1003858	1.34	4.42	1.99	2.04	1.85	2.92		
	PLACE1003861	0.95	4.51	1.63	2.98	2.78	1.73		
	PLACE1003864	0.94	5.5	2.74	2.88	3.86	2.69		
25	PLACE1003870	3.84	3.4	13.2	10.71	16.12	12.03		
	PLACE1003885	1.33	1.42	1.59	3.07	3.76	2.38	*	+
	PLACE1003886	4.56	6.01	5.75	9.27	6.87	4.3		
	PLACE1003888	0.75	3.79	1.96	2.87	3.42	2.68		
30	PLACE1003892	4.93	6.91	20.79	17.21	22.33	14.87		
	PLACE1003900	2.27	5.92	7.17	6.34	9.75	6.6		
	PLACE1003902	1.91	7.39	5.25	5.43	8.07	6.29		
35	PLACE1003903	0.42	5.07	2.94	2.55	3.5	2.59		
	PLACE1003915	8.15	7.04	10.78	8.31	9.79	9.84		
	PLACE1003918	1.88	2.45	4.75	3.47	6.26	3.75		
	PLACE1003923	2.06	3.73	5.63	2.7	5.54	3.32		
40	PLACE1003932	3.99	5.16	5.47	4.06	7.58	5.09		
	PLACE1003936	1.02	3.82	2.81	3.63	2.42	2.78		
	PLACE1003966	3.11	7.43	7.76	4.89	7.32	4.21		
45	PLACE1003968	1.68	5.68	5.94	3.33	4.26	4.57		
	PLACE1004018	25.49	33.73	48.16	32.56	40.53	28.62		
	PLACE1004020	8.91	10.18	13.26	11.42	18.03	24.15		
	PLACE1004028	0.41	2.55	1.3	1.38	1.23	1.91		
50	PLACE1004034	3.56	4.53	5.22	8.42	9.03	13.04	*	+
	PLACE1004042	17.25	20.19	68.35	79.51	93.32	79.44	*	+
	PLACE1004078	1.14	4.1	3.3	4.95	6.51	4.45		
	PLACE1004103	5.54	10.93	13.98	13.77	15.09	14.14		
55	PLACE1004104	5.94	12.29	27.78	24.18	34.98	29.71		

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	PLACE1004113	1.37	3.7	3.28	2.75	3.27	1.29		
	PLACE1004114	1.12	2.55	2.23	2.84	2.49	2.93		
5	PLACE1004118	1.58	3.52	-2.09	2.74	3.64	2.5		
	PLACE1004128	4.4	6.84	5.66	6.61	8.13	9.01		
	PLACE1004130	2.25	4.83	8.35	6.86	9.26	6.73		
	PLACE1004149	3.59	7.3	9.86	10.23	13.29	10.12		
10	PLACE1004156	3.61	7.91	10.12	11.66	17.62	13.31		
	PLACE1004160	5.45	9.54	14.36	13.1	19.65	14.53		
	PLACE1004161	2.2	4.86	3.54	4.85	5.73	7.48		
15	PLACE1004166	5.61	5.81	9.91	8.3	8.66	11.2		
	PLACE1004168	3.35	4.97	3.73	4.73	6.65	6.79		
	PLACE1004170	0.78	3.28	1.93	2.98	3.42	2.76		
	PLACE1004178	0.83	5.23	2.37	2.4	2.59	2.36		
20	PLACE1004183	0.89	7.99	4.41	3.53	4.32	4.84		
	PLACE1004197	0.64	5.14	1.55	1.73	3.54	1.65		
	PLACE1004199	1.66	4.52	4.09	3.78	5.88	4.35		
25	PLACE1004203	1.8	3.57	4.17	2.43	3.62	2.83		
	PLACE1004242	3.8	5.64	11.04	8.55	8.14	8.64		
	PLACE1004249	31.4	56.31	117.88	127.93	152.54	151.22	*	+
	PLACE1004255	0.79	2.65	1.26	2.59	2.15	1.93		
30	PLACE1004256	9.06	11.68	13.63	14.66	14.18	23.37		
	PLACE1004257	2.63	7.95	6.48	7.89	8.8	8.64		
	PLACE1004258	1.87	5.21	3.13	4.59	3.15	3.11		
35	PLACE1004270	0.72	3.8	2.5	2.7	4.01	1.65		
	PLACE1004272	1.34	3.68	3.73	3.86	5.38	6.15		
	PLACE1004273	92.91	89.59	212.62	212.05	129.56	99.82		
	PLACE1004274	2.09	3.61	6.51	6.42	7.14	6.74		
40	PLACE1004277	2.3	4.4	5.76	6.45	7.7	6.04		
	PLACE1004279	0.54	3.39	2.23	3.16	2.64	2.02		
	PLACE1004282	2.43	8.25	6.62	4.22	5.56	4.49		
45	PLACE1004284	4.59	11.31	7.84	7.38	8.16	7.15		
	PLACE1004289	1.28	7.85	2.46	3.06	3.63	2.1		
	PLACE1004299	0.33	6.41	1.38	1.54	2.67	1.83		
	PLACE1004302	1.01	2.98	3.27	2.41	2.45	1.12		
50	PLACE1004305	1.11	2.09	1.9	1.9	1.82	1.78		
	PLACE1004316	2.3	4.48	5.4	6.06	3.85	4.52		
	PLACE1004322	2.49	3.41	5.25	6.35	7.14	5.75	*	+
	PLACE1004325	2.43	6.38	3.84	3.85	3.66	4		
55	PLACE1004332	1.21	7.18	2.8	3.72	3.46	3.01		

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	PLACE1004336	2.87	9.6	5.36	6.88	9.21	6.71		
	PLACE1004346	0.47	7.22	2.58	1.87	2.54	1.69		
5	PLACE1004358	1.3	2.41	2.41	2.46	2.09	2.03		
	PLACE1004376	11.07	10.15	23.35	19.16	17.04	16.46		
	PLACE1004384	0.65	3.46	1.46	1.92	2.48	2.1		
	PLACE1004385	1.4	2.89	1.69	3.52	1.88	2.67		
10	PLACE1004388	1.79	5.73	4.27	3.44	4.87	3.04		
	PLACE1004405	2.16	8.39	4.42	13.36	14.48	16.74	**	+
	PLACE1004407	5.05	13.12	13.37	11.2	16.24	11.85		
15	PLACE1004424	0.37	5.78	0.85	1.7	1.81	1.58		
	PLACE1004425	1.14	1.94	3.57	3.28	3.27	3.44		
	PLACE1004427	1.96	3.31	4.56	4.67	4.22	3.24		
	PLACE1004428	0.88	2.05	2.17	2.66	2.08	2.62		
20	PLACE1004433	5.7	8.3	10.82	12.94	15.67	12.05	*	+
	PLACE1004435	0.72	4.17	1.43	1.95	1.9	2.15		
	PLACE1004437	4.05	7.68	14.2	11.07	13.01	12.37		
25	PLACE1004441	7.82	11.68	34.06	30.75	43.19	26.41		
	PLACE1004446	1.5	4.36	0.9	1.03	1.35	1.39		
	PLACE1004450	0.33	1.46	1.34	2.57	1.71	0.7		
	PLACE1004451	0.51	1.45	2.14	1.89	2.69	0.88		
30	PLACE1004456	8.22	9.7	10.97	16.68	10.4	4.18		
	PLACE1004458	3.39	4.81	3.66	7.77	7.05	8.24	**	+
	PLACE1004460	0.84	4.58	2.1	2.91	2.69	1.75		
35	PLACE1004467	5.31	6.81	10.65	7.67	10.14	10.48		
	PLACE1004471	2.65	5.93	6.64	6.79	7.34	6.14		
	PLACE1004473	1.16	4.66	3.5	3.18	3.23	3.21		
	PLACE1004475	14.03	16.41	32.49	31.09	32.51	18.17		
40	PLACE1004482	8.37	6.7	10.79	10.04	9.76	9.15		
	PLACE1004491	0.39	2.51	1.49	1.19	2.68	1.3		
	PLACE1004492	61.52	74.8	127.94	129.92	127.64	123.82		
45	PLACE1004506	10.71	14.35	14.4	8.45	11.13	10.03		
	PLACE1004507	2.9	7.37	5.09	7.15	6.87	6.18		
	PLACE1004510	2.51	6.23	6.33	6.59	7.8	8.16		
	PLACE1004516	0.98	7.36	2.12	2.79	3.78	2.22		
50	PLACE1004518	1.64	1.78	3.03	2.41	3.88	2.83		
	PLACE1004519	0.17	0.82	0.62	1.43	2.79	1.51	*	+
	PLACE1004520	6.08	8.09	10.06	7.44	9.11	2.52		
	PLACE1004530	33.19	43.86	68.13	41.86	27.72	38.09		
55	PLACE1004545	1.13	3.83	2.12	3.03	3.31	3.65		

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	PLACE1004547	5	7.61	7.82	8.66	11.2	10.28		
	PLACE1004548	1.69	6.73	4.43	6.93	8.48	6.5		
5	PLACE1004550	2.27	6.24	6.67	5.92	6.78	6.15		
	PLACE1004551	0.8	2.16	1.62	2.14	2.21	1.95		
	PLACE1004559	2.9	2.89	5.11	4.45	6.75	4.82		
	PLACE1004562	8.67	11.27	16.07	13.01	14.38	13.34		
10	PLACE1004564	1.84	5.19	4.36	4.64	5.98	4.49		
	PLACE1004604	1.69	4.21	9.88	2.49	4.34	1.97		
	PLACE1004611	2.73	5.87	4.89	3.86	4.17	3.99		
15	PLACE1004629	9.42	15.75	19.92	23.93	30.49	29.01	*	+
	PLACE1004630	16.66	20.82	35.1	16.76	23.04	19.17		
	PLACE1004637	5.03	8.82	10.34	6.61	9.17	8.29		
	PLACE1004645	36.5	39.28	92.04	85.16	87.94	74.59		
20	PLACE1004646	1.07	2.91	2.87	3.68	2.19	2.28		
	PLACE1004648	0.8	3.42	2.52	2.53	3.15	1.22		
	PLACE1004655	45.95	58.09	130.94	112.14	126.25	99.01		
25	PLACE1004658	2.4	7.34	6.31	6.64	8.37	6		
	PLACE1004664	1.26	4.83	1.3	3.02	2.65	1.89		
	PLACE1004672	2.32	6.79	8.02	6.3	7.51	7.14		
	PLACE1004674	9.4	11.97	14.7	8.3	9.75	15.25		
30	PLACE1004681	1.97	3.84	5.62	5.05	5.69	4.39		
	PLACE1004686	2.74	4.33	7.46	9.22	10.77	8.59	*	+
	PLACE1004690	10.64	13.43	19.62	21.75	19.21	31.72		
35	PLACE1004691	1.14	6.71	3.71	2.92	4.13	2.75		
	PLACE1004693	1.34	7.54	4.89	3.91	4.59	5.97		
	PLACE1004701	13.01	18.45	24.24	25.21	24.46	25.1		
	PLACE1004705	1.29	3.33	2.27	1.8	1.96	1.47		
40	PLACE1004708	37.69	46.37	80.19	41.34	39.66	50.98		
	PLACE1004716	6.37	8.81	11.08	4.22	12.55	14.26		
	PLACE1004722	1.31	3.05	2.6	2.26	3.28	2.51		
	PLACE1004736	5.25	7.71	7.6	9.16	8.89	11.63		
45	PLACE1004737	5.42	12.71	16.14	8.15	11.23	13.78		
	PLACE1004740	4.88	9.06	8.22	7.37	7.93	8.2		
	PLACE1004743	1.31	4.04	3.1	1.97	4	3.55		
50	PLACE1004751	0.98	2.89	2.88	2.75	3.74	3.06		
	PLACE1004757	3.45	4.34	10.53	8.4	9.6	7.22		
	PLACE1004761	6.41	7.32	12.59	9.99	10.44	9.72		
	PLACE1004773	1.05	2.34	1.7	1.94	2.31	2.72		
55	PLACE1004775	0.35	3.26	1.37	1.29	2.14	1.07		

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	PLACE1004777	2.1	7.57	2.97	3.68	4.25	4.4		
	PLACE1004793	0.83	4.58	1.37	1.9	2.06	1.25		
5	PLACE1004796	6.65	8.7	13.08	7.79	8.57	7.88		
	PLACE1004804	0.99	4.46	3.25	2.44	2.38	3.22		
	PLACE1004813	4.55	7.11	9.84	6.45	5.19	5.45		
10	PLACE1004814	7.16	11.76	17.62	15.83	11.39	10.1		
	PLACE1004815	0.7	2.81	2.43	3.12	2.61	3.44		
	PLACE1004816	1.16	2.63	2.04	2.36	2.26	1.84		
	PLACE1004824	3.25	7.37	5.27	8.1	9.13	8.85		
15	PLACE1004827	1.4	10.89	3.17	2.57	3.05	1.3		
	PLACE1004836	1.72	12.95	4.26	6.25	7.99	4.49		
	PLACE1004838	1.35	8.81	2.2	2.49	2.34	1.68		
	PLACE1004840	1.59	2.06	2.21	1.85	2.08	1.37		
20	PLACE1004842	0.86	1.98	1.89	1.98	1.78	2.33		
	PLACE1004850	0.81	2.35	1.63	1.83	2.76	2.36		
	PLACE1004868	0.81	2.97	2.04	1.62	2.23	2		
25	PLACE1004885	1.5	7.09	3.51	3.4	6.03	4.77		
	PLACE1004886	1.87	8.53	2.76	3.33	5.12	4.93		
	PLACE1004887	18.14	34.01	58.51	36.9	38.66	30.33		
	PLACE1004896	8.39	14.15	15.4	9.39	11.14	14.03		
30	PLACE1004900	1.75	2.7	6.69	5.66	5.74	4.44		
	PLACE1004902	5.42	6.25	9.27	6.39	4.2	3.6		
	PLACE1004904	1.7	4.66	2.52	6.49	4.78	3.03		
35	PLACE1004911	0.69	2.5	1.12	5.95	4.82	6.09	**	+
	PLACE1004913	3.63	5.72	7.38	4.49	5.45	4.79		
	PLACE1004918	1.3	6.69	2.05	2.39	3.24	2.64		
	PLACE1004930	2.74	8.84	5.93	10.63	16.57	14.71	*	+
40	PLACE1004934	1.14	4.3	3.34	2.97	2.03	2.5		
	PLACE1004937	2.1	4.03	4.91	2.74	3.59	2.36		
	PLACE1004949	4.32	4.98	7.67	8.53	8.48	6.04		
45	PLACE1004969	0.74	1.74	1.99	1.39	2.34	1.4		
	PLACE1004970	0.45	2.18	1.2	1.43	1.31	1.01		
	PLACE1004972	1.63	6.56	2.69	5.66	3.17	4.76		
	PLACE1004974	1.27	5.21	4.2	5.6	5.7	5.62		
50	PLACE1004975	0.59	2.84	1.11	1.94	1.98	1.24		
	PLACE1004979	1.58	4.06	4.26	4.91	5.69	4.75		
	PLACE1004982	5.66	6.45	9.74	10.03	10.67	5.65		
	PLACE1004985	1.4	1.47	1.46	2.5	2.17	1.2		
55	PLACE1005003	2.85	4.22	6	6.05	6.37	5.78		

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	PLACE1005004	0.47	3.36	0.92	1.5	0.73	0.85		
	PLACE1005005	3.35	6.9	5.32	6.67	9.65	7.17		
5	PLACE1005011	6.03	11.12	35.8	37.66	56.97	36.62		
	PLACE1005026	0.79	4.18	2.29	2.44	2.49	2.16		
	PLACE1005027	2.46	6.72	6.69	5.36	6.92	5.68		
	PLACE1005031	1.21	1.47	3.69	5.72	7.1	4.6	*	+
10	PLACE1005036	2.27	3.6	6.83	9.08	8.91	7.53	*	+
	PLACE1005041	2.5	2.84	2.84	5.05	4.41	3.25	*	+
	PLACE1005046	2.23	4.11	4.56	6.04	3.92	4.33		
15	PLACE1005047	0.23	3.19	2.6	1.43	1.23	2.1		
	PLACE1005052	4.24	8.53	6.36	8.08	8.15	8.1		
	PLACE1005055	2.54	7.45	4.66	7.2	6.45	5.62		
	PLACE1005066	4.33	8.26	7.58	12.9	14.14	16.49	**	+
20	PLACE1005077	1.17	0.68	1.2	2.1	2.43	1.54	*	+
	PLACE1005085	1.41	1.97	3.06	3.34	4.14	3.45		
	PLACE1005086	1.93	3.77	5.17	5.62	7.78	4.79		
25	PLACE1005088	24.66	32.47	46.03	43.45	31.47	27.46		
	PLACE1005089	1.57	4.78	3.15	2.52	3.67	3.14		
	PLACE1005101	3.37	8.11	5.46	6.11	8.96	6.39		
	PLACE1005102	2.56	7.14	5.01	4.11	5.51	3.8		
30	PLACE1005108	2	6.08	5.87	6.58	6.19	5.09		
	PLACE1005110	1.34	1.89	3.08	1.75	2.75	2.15		
	PLACE1005111	1.31	1.34	1.23	1.45	2.17	1.54		
35	PLACE1005123	26.23	26.21	47.58	34.26	49.34	34.98		
	PLACE1005124	3.2	4.66	4.18	4.2	6.91	5.44		
	PLACE1005128	9.54	8.89	18.22	16.37	16.36	16.13		
	PLACE1005130	2.65	6.57	5.54	2.84	4.98	3.58		
40	PLACE1005141	6.3	9.92	11.25	16.15	20.75	18.95	**	+
	PLACE1005146	1.3	2.71	3.03	2.17	2.53	2.29		
	PLACE1005152	1.85	3.9	4.56	4.13	4.23	4.79		
	PLACE1005157	2.66	5.19	5.3	4.38	4.09	7.01		
45	PLACE1005162	2.79	3.72	9.31	6.57	7.45	7.1		
	PLACE1005170	17.34	18.92	29.76	21.38	18.18	23.73		
	PLACE1005176	0.57	5.6	1.7	2.33	2.47	1.94		
50	PLACE1005181	0.53	5.14	0.96	0.89	1.36	0.37		
	PLACE1005184	4.06	9.09	10.4	8.97	12.82	11.26		
	PLACE1005186	3.5	3.41	8.56	8.05	5.79	5.73		
	PLACE1005187	2.85	4	4.13	6.1	4.99	4.25		
55	PLACE1005189	6.12	7.71	5.34	10.84	10.65	12.22	**	+

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	PLACE1005193	1.48	3.78	1.71	3.84	2.91	2.61	
	PLACE1005200	1.35	4.68	2.61	2.47	3.75	3.1	
5	PLACE1005206	2.43	6.48	4.26	3.35	3.95	2.95	
	PLACE1005216	1.53	5.46	4.44	5.6	6.51	4.12	
	PLACE1005223	1.43	6.21	5	4.38	5.66	3.27	
	PLACE1005225	1.36	3.01	3.49	3.33	3.32	4.65	
10	PLACE1005232	1.86	3.31	4.87	5.63	6.19	3.88	
	PLACE1005239	1.06	4.3	2.32	2.84	2.86	2.41	
	PLACE1005243	4.35	7.32	5.41	8.48	7.49	10.75	
15	PLACE1005250	4.24	10.31	7.98	4.38	5.9	8.88	
	PLACE1005261	3.21	7.43	4.74	4.78	5.82	3.51	
	PLACE1005266	1.05	4.47	2.82	2.28	4.43	2.76	
	PLACE1005271	4.66	5.31	8.79	5.87	11.16	7.95	
20	PLACE1005277	2.06	3.48	2.35	2.62	1.98	2.64	
	PLACE1005287	3.63	4.31	5.87	2.98	5.06	6.91	
	PLACE1005299	24.16	22.75	48.29	35.17	24.24	41.06	
25	PLACE1005305	6.81	8.46	11.13	10.67	11.85	16.25	
	PLACE1005307	1.59	5.44	4.14	3.15	5.42	4.84	
	PLACE1005308	2.41	4.96	3.95	5.32	5.99	5.79	
	PLACE1005313	1.08	3.83	1.6	1.8	2.05	1.8	
30	PLACE1005320	1.36	3.65	3.34	3.39	4.05	2.26	
	PLACE1005327	10.78	8.74	16.8	10.36	7.95	4.43	
	PLACE1005331	2.28	4.92	5.28	4.66	4.97	3.33	
	PLACE1005335	1.53	3.8	2.24	2.03	3.22	2.42	
35	PLACE1005336	9.12	12.58	16.58	16.39	16.99	20.15	
	PLACE1005351	2.62	8.18	10.17	9.28	8.66	9.52	
	PLACE1005366	2.04	6.93	3	2.99	3.71	4.23	
40	PLACE1005373	1.77	6.34	4.44	3.91	5.36	3.37	
	PLACE1005374	3.29	9.47	11.4	7.35	10.22	12.41	
	PLACE1005383	8.16	7.54	12.81	7.21	5.93	4.03	
	PLACE1005388	0.33	2.04	1.56	1.92	3.67	2.2	
45	PLACE1005409	2.97	5.02	4.99	3.9	4.23	2.97	
	PLACE1005410	12.41	16.44	18.89	24.38	20.98	27.1	* +
	PLACE1005426	5.16	7.48	9.06	5.51	7.67	5.45	
50	PLACE1005431	12.6	15.65	22.53	19.64	26.25	23.75	
	PLACE1005453	1.4	10.38	3.93	4.85	4.45	3.28	
	PLACE1005467	3.09	11.87	7	5.57	11.63	7.28	
	PLACE1005471	1.6	1.94	1.66	2.29	1.52	1.28	
55	PLACE1005476	0.42	1.73	1.24	1.6	1.57	1.46	

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	PLACE1005477	1.58	2.26	2.51	3	2.93	2.74		
	PLACE1005480	0.77	2.01	1.86	1.93	1.4	0.53		
5	PLACE1005481	0.44	4.81	2.3	2.77	3.62	2.44		
	PLACE1005494	0.27	6.66	1.68	1.21	1.73	1.06		
	PLACE1005495	3.86	12.83	8.31	6.85	9.25	7.62		
	PLACE1005497	2.27	7.72	3.95	4.24	5.68	5.91		
10	PLACE1005499	5.71	5.86	11.07	10.82	7.9	6.49		
	PLACE1005502	1.59	2.87	3.43	4.07	3.45	1.49		
	PLACE1005513	1.77	4.14	3.35	1.86	2.85	1.98		
15	PLACE1005515	2.89	4.76	4.22	4.58	5.29	3.78		
	PLACE1005519	1.04	4.53	3.29	2.85	2.85	2.83		
	PLACE1005526	0.58	5.55	1.38	1.3	1.59	0.71		
	PLACE1005528	2.08	7.71	5.57	5.94	7.12	5.33		
20	PLACE1005530	2.16	7.09	4.32	5.17	8.23	4.67		
	PLACE1005536	1.74	1	2.74	3.12	2.43	2.88		
	PLACE1005539	10.1	11.64	23.77	8.65	8.66	5.22		
25	PLACE1005543	1.7	3.57	5.62	3.54	4.32	2.57		
	PLACE1005544	0.86	3.26	3.15	2.49	2.68	2.27		
	PLACE1005550	4.32	7.61	7.85	10.16	7.25	6.86		
	PLACE1005554	1.15	5.47	2.67	2.17	2.17	1.17		
30	PLACE1005557	1.76	7.21	4.95	8.22	7.64	7.7		
	PLACE1005563	0.51	4	1.89	1.45	2.07	1.06		
	PLACE1005569	0.6	0.5	1.56	1.59	1.81	1.09		
35	PLACE1005574	1.07	1.88	2.49	2.48	4.43	2.22		
	PLACE1005584	1.3	2.68	3.91	3.91	5.58	3.03		
	PLACE1005590	4.28	5.14	8.4	9.87	10.73	8.02		
	PLACE1005595	3.08	4.03	2.89	3.65	3.81	3.89		
40	PLACE1005601	2	5.66	4.22	3.77	4	4.02		
	PLACE1005603	1.08	4.9	1.04	2.49	0.95	1.94		
	PLACE1005604	1.2	6.71	2.42	3.6	4.2	3.46		
	PLACE1005611	2.22	2.3	3.98	5.15	5.65	2.89		
45	PLACE1005622	0.65	1.71	1.98	2.94	3.88	1.26		
	PLACE1005623	1.42	3.08	3.27	3.71	3.65	1.61		
	PLACE1005630	3.31	5.81	7.75	87.83	72.15	89.12	**	+
50	PLACE1005639	0.75	4.36	1.28	1.66	2.02	1.18		
	PLACE1005646	2.13	5.41	4.31	5.4	5.08	2.55		
	PLACE1005647	2.77	9.69	6.72	7.34	9.11	6.25		
	PLACE1005648	3	8.11	9.21	8.34	10.59	8.22		
55	PLACE1005653	1.99	1.43	2.74	2.74	2.13	2.67		

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	PLACE1005656	0.92	2.48	2.24	1.68	2.78	1.58		
	PLACE1005659	0.87	2.64	1.01	1.62	1.84	1.32		
5	PLACE1005660	3.91	8.03	-5.77	8.87	8.88	8.34		
	PLACE1005664	2.69	6.57	6.14	3.39	4.27	3.19		
	PLACE1005666	0.89	5.91	3.55	4.63	4.93	3.97		
	PLACE1005669	4.46	10.41	11.39	11.64	13.9	14.6		
10	PLACE1005682	1.94	5.27	4.49	6.2	5.2	5.47		
	PLACE1005698	0.6	2.7	2.92	2.01	2.67	2.38		
	PLACE1005708	25.32	34.08	53.46	53.89	59.98	53.76		
15	PLACE1005725	3.25	3.75	6.41	5.64	5.82	7.29		
	PLACE1005727	2.97	4.54	4.15	3.9	3.49	4		
	PLACE1005730	0.77	4.29	3.26	1.1	1.54	1.28		
	PLACE1005736	5.37	7.55	5.73	9.25	12.55	10.19	*	+
20	PLACE1005739	0.81	4.96	1.38	2.46	3.17	1.74		
	PLACE1005745	8.03	7.11	11.52	11.98	6.97	11.44		
	PLACE1005752	1.31	3.15	2.96	2.55	2.24	1.25		
	PLACE1005755	0.8	2.79	3.02	1.72	3.28	2.27		
25	PLACE1005756	10.79	12.06	17.2	18.22	19.3	21.47	*	+
	PLACE1005760	10.22	15.24	68.06	49.69	68.81	53.09		
	PLACE1005763	1.47	7.04	3.58	3.79	4.63	3.02		
30	PLACE1005768	1.25	5.63	3.69	4.58	5.13	4.19		
	PLACE1005771	5.71	13.63	13.7	11.28	17.49	17.27		
	PLACE1005783	1.82	2.44	3.64	3.05	3.71	3.47		
	PLACE1005799	4.79	5.25	8.37	6.12	8.78	8.62		
35	PLACE1005802	1.07	3.78	3.64	2.7	3.64	1.96		
	PLACE1005803	3.06	6.15	4.78	5.6	4.94	7.36		
	PLACE1005804	0.92	8.41	1.33	2	1.91	2.44		
40	PLACE1005813	17.23	18.71	78.06	70.01	94.17	74.89		
	PLACE1005815	1.43	5.6	4.38	3.8	5.01	4.1		
	PLACE1005828	2.11	3.62	4.42	5.34	6.24	3.56		
	PLACE1005833	119.17	92.82	182.22	122	114.37	107.96		
45	PLACE1005834	2.04	4.33	3.95	3.55	3.56	2.56		
	PLACE1005835	22.7	19.1	51.52	72.32	60.34	68.56	*	+
	PLACE1005836	2.39	4.21	4.97	2.61	3.83	2.55		
	PLACE1005845	0.97	5.42	2.66	2.67	3.05	3.65		
50	PLACE1005850	1.82	3.91	3.04	2.84	2.85	2.15		
	PLACE1005851	1.03	3.44	1.46	1.2	2.01	1.11		
	PLACE1005856	0.92	4.01	2.42	2.24	3.37	3.37		
55	PLACE1005875	1.78	3.89	4.77	3.3	3.48	3.17		

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	PLACE1005876	1.33	3.99	4.76	6.87	6.34	6.9	*	+
	PLACE1005878	1.3	2.67	2.08	3.54	4.46	2.79		
5	PLACE1005880	2.36	4.09	4.31	4.16	3.07	3.45		
	PLACE1005884	1.6	4.87	1.89	2.48	2.21	2.73		
	PLACE1005890	1.9	9.57	3.7	2.26	3.09	1.88		
	PLACE1005898	3.29	10.87	5.34	7.36	8.12	6.36		
10	PLACE1005913	1.46	9.31	8.05	4.99	6.47	4.33		
	PLACE1005921	0.99	1.92	2.03	1.49	2.22	0.79		
	PLACE1005923	0.74	1.61	1.17	1.47	2.42	1.43		
15	PLACE1005925	0.83	2.67	3.18	2.19	2.14	1.68		
	PLACE1005927	1.26	2.49	1.93	1.95	2.56	2.3		
	PLACE1005932	2.04	5.66	2.44	2.53	2.32	2.52		
	PLACE1005934	0.88	7.91	3.16	3.9	5.61	4.19		
20	PLACE1005936	1.31	8.96	3.02	2.02	2.84	2.3		
	PLACE1005939	54.61	68.58	111.22	157.61	194.58	212.18	**	+
	PLACE1005951	2.36	3.39	4.98	5.56	4.48	2.35		
25	PLACE1005953	1.5	1.64	2.64	2.59	2.43	3.03		
	PLACE1005955	1.64	2.01	3.8	4.07	3.43	2.55		
	PLACE1005966	0.76	3.42	1.69	1.75	2	2.19		
	PLACE1005968	1.52	4.96	3.2	4.71	5.15	6.12		
30	PLACE1005975	2.58	7.11	5.42	6.18	7.01	6.49		
	PLACE1005990	0.7	7.7	1.54	2.1	1.87	0.88		
	PLACE1005997	88.15	118.52	196.48	189.6	226.97	172.1		
35	PLACE1006002	3.38	3.97	8.87	8.4	7.71	9.18		
	PLACE1006003	1.55	3.02	4.83	5.09	4.44	5.33		
	PLACE1006011	1.85	3.63	3.46	4.48	2.68	1.91		
	PLACE1006017	0.84	2.74	2.81	3.4	3.4	3.58		
40	PLACE1006037	2.99	7.05	2.48	6.14	3.64	4.29		
	PLACE1006040	2.2	7.87	3.97	6.64	6.9	7.77		
	PLACE1006063	0.94	4.64	2.59	2.11	3.15	2.25		
	PLACE1006071	3.06	6.52	4.97	5.36	4.03	4.47		
45	PLACE1006073	2.74	3.53	6.43	7.19	6.81	6.93		
	PLACE1006074	1.4	2.22	3.34	2.62	3.23	1.69		
	PLACE1006076	1.36	2.51	2.98	3.15	2.47	2.75		
50	PLACE1006079	1.38	4.32	1.78	2.1	1.1	1.11		
	PLACE1006093	0.49	3.76	1	3.56	3.85	1.83		
	PLACE1006116	2.99	6.44	4.04	5.28	5.01	4.91		
	PLACE1006119	3.15	6.81	7.07	9.22	10.4	8.03		
55	PLACE1006129	2.12	5.6	3.98	6.59	7.62	5.65		

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	PLACE1006139	3.44	2.98	6.03	7.77	8.85	5.58		
	PLACE1006143	0.5	1.48	1.87	3.18	4.13	3.17	*	+
5	PLACE1006157	1.55	2.54	4.82	2.96	3.9	2.44		
	PLACE1006159	0.69	3.61	0.94	2.68	1.98	1.04		
	PLACE1006164	0.35	3.18	1.37	1.73	1.85	1.21		
	PLACE1006167	2.18	6.5	3.37	3.95	4.52	3.13		
10	PLACE1006170	2.79	6.09	6.09	4.34	5.31	3.68		
	PLACE1006181	2.75	7.34	2.84	5.8	5.51	5.22		
	PLACE1006187	0.76	1.3	2.15	2.01	2.41	1.48		
15	PLACE1006195	0.11	1.24	1.73	1.93	1.93	0.87		
	PLACE1006196	1.8	4.01	4.15	4.32	5.77	2.19		
	PLACE1006197	2.12	5.6	5.24	4	3.47	3.39		
	PLACE1006198	0.27	3.68	1.21	0.84	1.63	0.5		
20	PLACE1006205	0.89	5.59	0.99	2.43	2.18	1.28		
	PLACE1006208	7.28	13.32	13.46	14.09	14.99	12.5		
	PLACE1006211	2.6	8.05	7.92	6.07	9.08	9.35		
25	PLACE1006219	6.77	5.77	8.94	14.88	22.25	15.35	*	+
	PLACE1006223	1.55	1.46	3.19	1.39	3	1.64		
	PLACE1006225	0.56	2.27	1.3	1.04	2.3	0.99		
	PLACE1006236	1.53	3.2	2.92	3.06	5.01	2.29		
30	PLACE1006239	0.67	3.62	1.97	2.61	3.66	3.41		
	PLACE1006245	3.86	7.13	5.45	4.43	7.44	3.28		
	PLACE1006246	1.66	6.56	6.19	5.59	7.66	6.33		
	PLACE1006248	1.58	4.47	5.6	2.77	3.1	2.82		
35	PLACE1006262	0.93	2.24	1.49	2.08	1.61	1.4		
	PLACE1006269	2.28	4.71	3.42	2.06	2.47	2.33		
	PLACE1006275	1.6	3.57	3.37	4.12	3.68	3.53		
40	PLACE1006277	1.01	2.42	1.4	1.79	3.01	0.88		
	PLACE1006288	9.32	13.59	22.49	26.85	18.4	25.21		
	PLACE1006290	1.79	6.81	5.99	8.87	7.56	9.13		
	PLACE1006298	1.93	5.52	2.47	3.87	5.08	4.55		
45	PLACE1006311	0.65	3.38	1.75	225.97	161.43	251.12	**	+
	PLACE1006318	3.52	4.03	4.17	4.04	3.17	4.01		
	PLACE1006325	5.43	6.73	6.31	8.09	8.38	8.08	**	+
50	PLACE1006331	1.87	3.36	3.21	4.44	3.59	2.56		
	PLACE1006335	1.76	3.64	2.55	4.45	2.98	2.92		
	PLACE1006357	0.27	4.51	1.59	1.7	1.49	1.2		
	PLACE1006360	1.1	5.11	1.79	2.46	2.74	2.62		
55	PLACE1006364	4.51	8.06	7.29	7.37	9.19	5.75		

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	PLACE1006365	1.68	4.65	1.97	1.8	2.12	0.97		
	PLACE1006368	1.53	3.11	2.57	3.01	3.04	4.27		
5	PLACE1006371	1.38	3.2	1.46	1.68	3.01	1.67		
	PLACE1006373	2.21	5.21	5.75	7.83	8.02	7.56	*	+
	PLACE1006382	0.9	4.67	2.81	3.3	1.92	2.95		
	PLACE1006385	1.59	6.33	1.86	2.68	2.59	2.71		
10	PLACE1006391	1.19	5	1.95	1.96	2.79	1.63		
	PLACE1006412	1.88	5.53	5.92	7.07	9.93	5.27		
	PLACE1006414	0.63	3.42	0.95	1.22	1.87	1.6		
15	PLACE1006419	7.79	9.8	11.93	5.19	7.29	5.32	*	-
	PLACE1006438	0.99	6.07	3.42	3.29	4.56	5.14		
	PLACE1006443	2.05	5.01	5.12	5.01	5.31	6.44		
	PLACE1006445	0.84	5.76	3.65	3.53	3.27	3.55		
20	PLACE1006447	1.34	5.81	3.28	2.95	3.26	3.96		
	PLACE1006466	0.75	4.38	1.35	1.49	1.66	1.08		
	PLACE1006469	0.67	4.66	2.31	1.65	2.26	1.67		
25	PLACE1006470	2.47	3.71	3.74	5.25	7.02	4.35		
	PLACE1006472	24.4	23.44	52.17	26.23	28.52	9.36		
	PLACE1006476	2.52	4.31	8.67	6.21	7.23	5.93		
	PLACE1006482	1.64	3.35	4.43	4.25	4.67	4.98		
30	PLACE1006488	14.12	19.42	32.69	40.76	34.77	41.4	*	+
	PLACE1006492	2.03	6.41	4.38	4.04	4.98	3.02		
	PLACE1006506	1.78	6.67	4.04	4.41	5.71	4.17		
35	PLACE1006515	1.65	5.7	3.08	3.19	2.84	4.08		
	PLACE1006516	1.1	7.32	7.05	4.89	5.69	7.28		
	PLACE1006520	1.02	2.74	2.12	1.19	3	1.54		
	PLACE1006521	2.4	3.54	6.38	6.49	6.86	5.08		
40	PLACE1006529	5.96	7.35	6.96	10.56	8.2	7.93		
	PLACE1006531	1.01	4.31	3.33	1.84	2.05	2.43		
	PLACE1006534	1.68	6.04	2.59	3.01	3.86	3.19		
	PLACE1006540	2.68	9.7	7.77	8.71	11.21	4.46		
45	PLACE1006549	0.6	9.45	2.09	1.6	2.28	1.65		
	PLACE1006550	1.76	8.82	4.07	2.77	2.94	4.14		
	PLACE1006552	1.3	2.48	2.14	1.97	1.3	0.81		
50	PLACE1006557	2.38	4.01	3.79	2.84	2.51	2.45		
	PLACE1006563	2.49	3.44	5.7	4.23	4.15	4.3		
	PLACE1006579	1.53	7.5	4.82	4.88	5.38	5.78		
	PLACE1006594	236.53	241.11	397.64	122.37	278.58	324.29		
55	PLACE1006598	0.72	8.53	2.4	1.53	1.58	2.07		

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	PLACE1006607	1.47	7.69	4.18	3.45	5.86	4.29		
	PLACE1006610	9.46	13.73	38.26	27.65	32.76	22.64		
5	PLACE1006615	6.22	9.09	48.78	20.25	15.74	15.86		
	PLACE1006617	0.91	1.54	2.66	1.87	2.49	2.09		
	PLACE1006618	5.42	8.01	9.24	5.33	8.59	5.76		
10	PLACE1006626	1.53	4.11	1.3	2.47	2.78	1.16		
	PLACE1006629	0.99	5.05	1.36	2.22	2.56	1.76		
	PLACE1006637	1.29	6.54	3.97	3.77	4.23	4.87		
	PLACE1006640	0.59	5.14	1.17	0.85	2.54	0.94		
15	PLACE1006644	1.66	4.46	2.12	2.79	2.49	2.39		
	PLACE1006657	1.28	2.09	2.31	4.55	3.09	2.19		
	PLACE1006673	2.29	4.73	10.34	11.06	10.89	6.45		
20	PLACE1006678	2.54	2.98	1.44	1.37	1.96	1.39		
	PLACE1006682	3.5	5.93	2.58	15.44	20.96	23.99	**	+
	PLACE1006684	1.12	4.8	1.81	1.64	2.54	1.65		
	PLACE1006698	1.54	5.86	4.52	2.15	3.57	1.9		
25	PLACE1006704	1.81	5.41	2.71	2.93	2.92	2.97		
	PLACE1006708	1.69	5.07	3.49	3.46	4.11	3.7		
	PLACE1006711	14.21	16.18	29.77	24.34	26.25	22.42		
	PLACE1006714	2.27	3.26	4.74	4.57	5.23	3.53		
30	PLACE1006716	1.51	2.75	3.7	6	7.05	3.99		
	PLACE1006731	1.65	3.77	2.83	2.71	4	3.09		
	PLACE1006754	0.43	3.94	1.73	1.8	1.81	0.99		
35	PLACE1006760	7.56	10.98	10.08	8.58	8.89	11.31		
	PLACE1006779	1.44	4.12	2.88	3.19	3.79	2.97		
	PLACE1006782	0.44	5.17	2.42	2.95	1.57	1.15		
	PLACE1006783	9.34	11.46	18.65	157.98	223.05	66.46	*	+
40	PLACE1006786	3.31	4.08	6.07	5.9	6.24	3.34		
	PLACE1006792	1.61	3.31	5.38	5.66	3.33	4.18		
	PLACE1006795	0.89	2.43	0.74	0.81	1.27	1.01		
	PLACE1006800	1.62	4.94	2.53	4.7	4.56	3.93		
45	PLACE1006805	3.94	7.79	5.5	10.83	9.8	8.79	*	+
	PLACE1006809	3.55	5.7	5.94	9.58	10.61	8.97	**	+
	PLACE1006815	1.7	7.57	4.1	5.12	5.23	5.8		
50	PLACE1006819	0.33	0.88	0.95	0.89	1.76	0.63		
	PLACE1006820	2.35	2.01	4.91	4.84	6.72	4.18		
	PLACE1006826	2.28	6.22	4.84	7.68	7.62	5.58		
	PLACE1006829	3.76	5.51	6.54	9.49	8.66	8.69	*	+
55	PLACE1006853	1.2	4.21	1.97	2.25	2.93	2.88		

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	PLACE1006860	1	4.29	1.62	1.61	2.1	1		
	PLACE1006867	5.65	9.36	11.34	7.04	8.33	7.63		
5	PLACE1006875	1.15	6.19	5.66	4.84	4.53	4.63		
	PLACE1006878	1.59	2.84	3.09	2.99	3.22	2.39		
	PLACE1006883	3.21	5.08	6.78	6.83	7.38	6.19		
	PLACE1006898	1.67	4.23	3.67	3.54	4.77	4.59		
10	PLACE1006901	2.59	4.75	4.03	3.71	3.28	4.14		
	PLACE1006904	0.91	3.59	2.7	3.26	2.92	2.04		
	PLACE1006917	3.63	7.13	6.1	5.8	7.21	7.03		
15	PLACE1006932	0.54	5.85	1.29	0.92	1.34	1.19		
	PLACE1006935	1.3	5.46	2.54	1.59	4.03	1.6		
	PLACE1006956	0.92	2.55	3.4	2.55	2.41	2.09		
	PLACE1006958	0.78	2.41	1.35	1.76	4.2	3.39		
20	PLACE1006959	4.97	8.48	9.98	11.46	9.58	13.62		
	PLACE1006961	8.03	9.85	14.42	13.73	11.57	14.2		
	PLACE1006962	2.97	7.44	6.56	5.04	7.26	6.22		
25	PLACE1006966	2.02	6.94	3.46	3.15	3.89	2.89		
	PLACE1006979	0.95	4.44	2.03	1.46	2.64	1.77		
	PLACE1006989	2.19	5.05	3.02	3.27	3.9	5.06		
	PLACE1007001	4.98	6.79	10.71	4.03	7.43	7.38		
30	PLACE1007014	1.37	3.03	3.45	1.79	2.18	2.2		
	PLACE1007021	0.74	3.03	2.11	0.75	2.2	1.73		
	PLACE1007026	2.1	9.23	3.93	4.15	4.27	5.42		
35	PLACE1007028	4.12	8.5	10.56	7.89	8.34	9.35		
	PLACE1007038	237.33	267.91	446.14	406.27	622.67	671.17		
	PLACE1007040	1.55	3.14	2.85	1.57	3.31	2.45		
	PLACE1007045	1.08	3.74	2.85	2.9	5.03	2.74		
40	PLACE1007048	147.06	149.67	259.53	121.61	211.26	109.43		
	PLACE1007053	4.9	6.69	10	3.59	4.91	4.71		
	PLACE1007068	7.56	10.33	62.76	39.52	45.9	36.69		
	PLACE1007070	5.97	10.85	10.28	8.65	9.6	14.3		
45	PLACE1007076	8.22	14.4	14.19	16.53	23.62	24.67	*	+
	PLACE1007077	2.65	6.45	4.01	5.2	5.28	5.43		
	PLACE1007081	0.36	4.47	1.94	1.92	1.92	1.37		
50	PLACE1007082	1.23	4.66	4.95	4.32	4.5	3.99		
	PLACE1007092	2.49	4.12	7.26	4.77	5.22	4.34		
	PLACE1007096	0.72	2.19	0.74	1.35	1.63	0.97		
	PLACE1007097	0.54	2.49	1.35	1.61	1.28	1.04		
55	PLACE1007099	1.58	4.66	2.56	2.77	3.64	3.72		

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	PLACE1007105	1.18	6.51	3.44	2.65	4.13	2.21		
	PLACE1007108	3.55	13.02	7.41	5.03	6.87	5.75		
5	PLACE1007111	1.33	9.51	-1.52	1.74	2.37	1.52		
	PLACE1007112	1.23	7.26	1.79	2.09	3.12	2.36		
	PLACE1007130	0.54	2.02	1.92	0.87	1.47	0.33		
	PLACE1007132	1.46	3.32	4.63	3.58	3.38	2.88		
10	PLACE1007140	0.61	2.58	2.41	1.98	1.98	1.32		
	PLACE1007143	2.79	6.32	4.62	4.9	5.34	5.33		
	PLACE1007169	2.21	8.59	3.46	5.44	8.46	7.99		
15	PLACE1007178	0.82	8.66	2.48	3.28	6.28	4.1		
	PLACE1007190	3.31	10.9	6.7	10.51	13.57	11.14		
	PLACE1007201	0.81	5.82	1.41	1.72	3.04	2.51		
	PLACE1007202	37.76	34.95	76.28	58.23	34.42	37.86		
20	PLACE1007226	2.01	2.39	2.73	1.89	3.14	2.29		
	PLACE1007238	1.64	3.07	1.83	2.39	2.73	2.2		
	PLACE1007239	1.81	3.68	2.99	1.76	2.72	2.44		
25	PLACE1007242	0.61	5.18	1.87	1.54	1.14	1.67		
	PLACE1007243	2.21	7.36	2.29	2.24	3.27	3.31		
	PLACE1007247	0.36	6.17	1.71	1.11	1.36	1.34		
	PLACE1007257	1.67	5.33	3.34	3.3	5.27	4.25		
30	PLACE1007274	1.46	2.18	4.43	4.38	4.03	4.06		
	PLACE1007276	0.93	2.02	1.1	2.13	2.1	1.74		
	PLACE1007282	2.51	4.2	5.72	4.28	3.62	4.66		
35	PLACE1007286	2.97	4.8	7.85	10.14	12.47	8.79	*	+
	PLACE1007296	10.55	19.45	24.46	31.43	17.57	27.05		
	PLACE1007301	0.65	5.17	1.55	1.19	1.54	1.11		
	PLACE1007314	3.11	6.61	8.64	7.98	8.96	10.24		
40	PLACE1007317	1.19	3.34	1.27	1.88	1.62	1.79		
	PLACE1007329	0.89	0.73	1.78	2.38	2.35	2.09	*	+
	PLACE1007338	3.96	6.47	9.58	11.59	8.93	2.32		
	PLACE1007342	0.71	1.8	1.3	1.1	1.1	0.7		
45	PLACE1007345	1.72	4.57	2.54	2.72	3.6	3.29		
	PLACE1007346	1.43	4.61	3.89	5.77	4.53	4.1		
	PLACE1007359	0.74	4.55	2.16	2.59	2.44	3.53		
50	PLACE1007367	4.53	8.63	15.16	12.49	13.49	11.75		
	PLACE1007375	0.36	3.24	2.02	1.75	2.56	1.59		
	PLACE1007377	1.49	2.01	3.18	3.29	3.96	2.36		
	PLACE1007386	1.55	1.75	1.47	2.37	1.68	1.36		
55	PLACE1007392	1.57	2.99	2.49	2.79	4.48	3.51		

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	PLACE1007402	2.41	5.66	3.08	1.52	2.91	1.8		
	PLACE1007409	1.05	4.57	1.04	2.51	2.68	2.02		
5	PLACE1007416	3.45	6.97	6.5	7.05	9.14	6.52		
	PLACE1007420	12.12	12.66	20.8	25.26	23.9	22.88	*	+
	PLACE1007431	1.87	7.4	5.51	7.17	5.28	5.91		
	PLACE1007450	0.79	1.22	2.65	3	2.99	2.39		
10	PLACE1007452	0.42	2.36	1.76	2.09	2.98	1.45		
	PLACE1007454	23.74	28.02	76.56	59.97	75.95	46.61		
	PLACE1007460	0.75	3.52	2.35	2.34	1.93	2.58		
15	PLACE1007478	0.41	3.07	1.33	1.35	2.18	1.92		
	PLACE1007484	0.6	4.8	2.57	2.56	1.45	1.69		
	PLACE1007488	0.4	6.24	1.64	1.74	2.61	1.46		
	PLACE1007507	2.91	6.36	4.49	5.31	8.29	8.11		
20	PLACE1007511	0.53	1.29	1.06	1.06	1.29	0.42		
	PLACE1007513	10.57	10.43	24.05	12.24	16.88	16.9		
	PLACE1007524	1.55	3.33	3.53	3.96	4.72	2.96		
25	PLACE1007525	1.24	2.95	3.14	2.38	2.85	2.24		
	PLACE1007537	8.6	9.68	49.88	43.78	63.66	40.1		
	PLACE1007544	1.55	6.45	4.97	3.2	3.92	4.61		
	PLACE1007547	1.36	5.03	4.15	2.37	2.84	2.4		
30	PLACE1007557	1.12	3.16	3.14	3.07	3.9	3.41		
	PLACE1007560	9.38	8.86	12.57	11.03	9.62	17.59		
	PLACE1007565	0.37	2.27	1	1	1.16	0.91		
35	PLACE1007580	1.06	3.71	3.06	10.8	11.15	13.74	**	+
	PLACE1007583	0.76	3.88	1.78	2.51	2.37	1.09		
	PLACE1007591	0.79	4.62	1.7	2.2	2.53	2.07		
	PLACE1007598	1.13	6.98	3.86	2.71	3.46	4.71		
40	PLACE1007610	0.41	5.63	1.28	1.33	3.18	1.5		
	PLACE1007618	1.57	1.91	2.01	1.75	2.2	2.41		
	PLACE1007621	1.78	2.83	3.64	3.33	3.57	4.38		
45	PLACE1007626	23.99	25.61	32.78	30.53	30.94	13.53		
	PLACE1007632	2.03	3.26	2.52	2.65	3.81	4.63		
	PLACE1007635	1.61	4.62	6.42	2.8	4.19	3.37		
	PLACE1007645	10.59	11.55	15.06	9.99	11.58	11.95		
50	PLACE1007649	1.7	5.88	3.47	2.78	4.95	3.13		
	PLACE1007659	1.33	5.85	3.61	4.88	6.22	4.9		
	PLACE1007669	2.01	2.1	3.74	2.97	4.63	4.4		
	PLACE1007677	1.25	2.29	2.81	2.68	3.07	2.91		
55	PLACE1007688	3.4	5.69	5.43	1.98	4.53	4.98		

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	PLACE1007690	1.4	4.03	2.12	3.74	3.37	4.61		
	PLACE1007697	0.69	7.13	1.37	1.84	2.56	1.8		
5	PLACE1007702	2.03	7.08	5.7	4.03	3.91	4.08		
	PLACE1007705	1.38	3.93	1.59	1.74	4.45	2.75		
	PLACE1007706	3.11	6.08	4.69	5.25	8.84	7.49		
	PLACE1007725	3.41	4.69	6.65	5.1	3.29	5.39		
10	PLACE1007729	0.98	2.65	1.8	2.7	3.11	1.99		
	PLACE1007730	1.25	4.29	3.07	3.66	3.75	4.32		
	PLACE1007737	1.43	4.79	3.39	3.79	4.7	4.17		
15	PLACE1007743	1.38	4.26	2.29	2.3	2.83	2.03		
	PLACE1007746	6.56	9.02	10.42	9.65	13.29	12.97		
	PLACE1007753	0.53	4.48	1.71	1.35	2.86	1.94		
	PLACE1007769	1.31	4.31	3.5	3.27	4.51	4.58		
20	PLACE1007780	5.77	4.63	7.11	6.51	3.75	2.17		
	PLACE1007791	1.82	3.29	3.38	3.16	3.69	2.87		
	PLACE1007807	0.67	2.79	1.72	2.33	1.76	1.29		
25	PLACE1007810	0.39	4.45	2.63	4.11	4.08	3.27		
	PLACE1007814	3.57	5.98	5.04	4.2	4.62	6.3		
	PLACE1007828	2.01	7.64	3.34	2.69	4.64	3.44		
	PLACE1007829	1.32	6.9	2.88	2.87	4.87	3.06		
30	PLACE1007841	1.64	7.26	1.87	2.25	3.14	3.39		
	PLACE1007842	1.1	3.32	2.44	2.09	3.96	1.39		
	PLACE1007843	1.2	1.92	1.43	2.13	1.48	1.86		
35	PLACE1007845	1.76	3	4.11	3.45	3.42	2.36		
	PLACE1007846	0.99	3.26	1.64	2.02	2.73	1.5		
	PLACE1007848	1.09	3.51	2.23	2.39	2.62	2.25		
	PLACE1007852	2.26	7.88	3.82	2.94	4.61	3.24		
40	PLACE1007858	3.65	11.57	5.81	61.71	80.46	57.09	**	+
	PLACE1007866	19.42	25.98	40.48	43	80.39	56.73		
	PLACE1007871	8.1	7.9	15.45	16.17	12.35	11.08		
	PLACE1007877	1.09	2.09	1.45	1.4	2.39	1.53		
45	PLACE1007878	5.98	9.75	14.61	13.65	7.49	8.9		
	PLACE1007881	0.43	2.66	1.34	1.59	1.94	1.93		
	PLACE1007885	4.35	7.85	6.76	5.57	6.53	7.01		
50	PLACE1007897	0.27	6.51	1.85	1.72	1.53	1.41		
	PLACE1007908	3.14	12.29	5.73	5.96	7.9	8.24		
	PLACE1007922	6.08	11.75	8.75	5.24	7.15	4.54		
	PLACE1007946	1.07	2.03	1.86	2.71	2.28	1.94		
55	PLACE1007950	6.98	7.6	18.21	16.17	19.34	12.63		

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	PLACE1007954	-0.03	2.45	1.15	2.46	1.57	1.51		
	PLACE1007955	0.92	4.01	2.17	2.05	2.52	3.05		
5	PLACE1007956	0.6	3.61	2.91	2.35	2.1	2.22		
	PLACE1007958	0.75	6.31	1.34	0.79	1.21	0.8		
	PLACE1007965	0.64	5.88	3.25	3.38	2.91	2.17		
	PLACE1007969	1.09	6.37	3.06	2.35	3.29	2.21		
10	PLACE1007971	2.73	4.17	5.21	6.1	4.41	5.92		
	PLACE1007990	1.95	2.33	2.31	3.22	3.09	1.88		
	PLACE1008000	0.32	2.16	1.98	1.85	1.27	0.66		
15	PLACE1008002	0.99	3.38	1.7	1.81	2.04	0.51		
	PLACE1008037	0.57	4.19	1.7	4.59	2.86	2.02		
	PLACE1008044	1.42	5.81	2.46	4.18	4.93	4.16		
	PLACE1008045	0.4	4.07	1.54	1.75	2	1.65		
20	PLACE1008080	2.05	6.08	3.22	4.23	4.03	4.78		
	PLACE1008092	1.56	1.56	1.48	1.48	2.98	1.86		
	PLACE1008095	0.59	2.14	1.48	2.38	2.73	1.23		
25	PLACE1008105	0.95	1.76	1.71	2.24	2.71	0.74		
	PLACE1008107	0.27	2.33	0.7	1.72	1.44	1.68		
	PLACE1008111	1.73	5.01	2.12	4.57	5.4	4.04		
	PLACE1008113	5.88	9.24	12.48	16.57	20.29	19.24	*	+
30	PLACE1008122	1.22	5.54	2.55	1.61	1.57	1.5		
	PLACE1008129	1.5	5.64	2.8	2.43	5.36	2.91		
	PLACE1008132	5.51	4.47	8.34	6.61	11.2	7.63		
	PLACE1008137	0.96	1.82	1.02	2.12	3.88	0.8		
35	PLACE1008174	0.77	3.16	2.43	5.12	4.39	2.46		
	PLACE1008177	1.62	4.87	3.09	3.79	3.26	3.77		
	PLACE1008181	1.76	3.87	1.6	2.06	2.43	1.43		
40	PLACE1008195	2.66	6.08	2.97	4.34	4.14	3.9		
	PLACE1008198	1.06	5.56	2.52	2.55	3.31	1.54		
	PLACE1008201	1.22	4.45	3.58	5.92	7.69	5.64	*	+
	PLACE1008209	2.35	2.29	4.46	2.51	5.31	4.44		
45	PLACE1008226	1.8	2.35	5.25	4.72	5.68	7.08		
	PLACE1008227	0.77	2.67	3.02	2.38	4.6	3.54		
	PLACE1008231	1.26	3.85	1.85	1.05	1.83	0.78		
	PLACE1008238	1.22	3.21	2.9	2.47	2	1.72		
50	PLACE1008244	1.01	4.69	1.56	1.68	3.2	1.56		
	PLACE1008249	0.8	4.94	2.55	1.22	2.17	2.01		
	PLACE1008266	11.31	18.61	43.04	60.04	82.48	59.04	*	+
55	PLACE1008273	1.47	3.95	3.81	3.53	3.8	4.47		

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	PLACE1008275	1.59	3.67	2.17	2.62	2.57	2.34		
	PLACE1008280	0.85	2.6	1.84	2.42	2.48	2.36		
5	PLACE1008282	4.71	8.19	6.89	7.27	9.02	6.38		
	PLACE1008297	2.32	4.7	3.36	2.89	3.42	3.21		
	PLACE1008303	1.65	6.68	1.24	4.12	3.83	2.65		
	PLACE1008309	0.43	6.52	0.82	1.77	1.5	1.29		
10	PLACE1008315	5.3	5.93	8.61	4.92	4.79	9.83		
	PLACE1008329	0.47	2.23	2.06	2.32	2.8	2.49		
	PLACE1008330	0.72	4.06	3.16	2.48	3.36	2.96		
15	PLACE1008331	0.84	5.01	2.1	4.5	2.17	2.91		
	PLACE1008351	4.34	8.66	7.41	7.91	7.31	7.1		
	PLACE1008356	1.56	8.23	1.93	2.86	4.16	3.35		
	PLACE1008359	1.57	4.11	2.89	2	2.97	2.94		
20	PLACE1008368	2.27	6.38	7.43	5.72	7.33	6.95		
	PLACE1008369	0.57	2.46	1.45	1.12	1.59	1.68		
	PLACE1008392	0.8	3.09	2.54	2.44	3.22	3.24		
25	PLACE1008394	2.08	4.84	3.75	3.98	5.03	4.76		
	PLACE1008398	5.32	9.36	11.44	11.36	11.3	12.33		
	PLACE1008401	1.19	7.06	3.21	2.82	3.43	3.33		
	PLACE1008402	3.21	6.45	7.2	7.23	10.15	9.26		
30	PLACE1008405	10.3	10.95	18.42	17.17	18.82	20.4		
	PLACE1008409	1.88	5.19	5.69	4.97	5.41	5.65		
	PLACE1008420	1.4	1.87	1.96	2.67	2.69	2.27	*	+
35	PLACE1008424	0.88	2.69	2.54	1.69	2.34	1.71		
	PLACE1008426	0.98	2.58	1.58	1.7	2.66	2.32		
	PLACE1008429	0.92	3.17	2.14	1.91	3.4	1.84		
	PLACE1008430	1.63	4.85	3.04	2.93	3.52	3		
40	PLACE1008437	0.87	3.64	3.01	2.83	1.82	1.57		
	PLACE1008453	1.16	4.8	1.02	1.64	2.06	1.17		
	PLACE1008454	2.14	6.46	9.23	5.46	9.02	5.92		
	PLACE1008455	2.06	4.33	7.2	5.26	6.68	4.87		
45	PLACE1008457	0.51	2.6	2.01	2.28	2.43	2.47		
	PLACE1008465	0.49	2.41	1.72	1.56	2.13	0.48		
	PLACE1008469	2.42	4.36	5.32	5.16	4.75	7.1		
50	PLACE1008488	0.81	5.48	1.97	2.44	2.03	1.8		
	PLACE1008519	1.48	10.85	6.17	4.41	4.99	4.51		
	PLACE1008524	1.04	11.09	1.72	2	3.22	2.02		
	PLACE1008531	0.64	8.37	1.92	1.33	2.05	1.72		
55	PLACE1008532	2.12	3	5.51	5.66	4.72	4.19		

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	PLACE1008533	2.01	4	4.07	5.53	5.18	3.77		
	PLACE1008542	1.61	2.36	0.96	2.05	2.1	1.72		
5	PLACE1008549	0.96	3.06	0.67	1.45	2.1	1.53		
	PLACE1008560	1.18	4.23	2.28	2.29	3.93	3.47		
	PLACE1008567	0.87	7.26	1.85	2.33	3.67	2.38		
	PLACE1008568	2.37	10.67	5.49	2.97	7.47	4.21		
10	PLACE1008569	3.94	10.32	6.74	6.1	8.6	7.6		
	PLACE1008584	0.88	1.4	1.58	2.86	3.38	1.31		
	PLACE1008585	4.96	4.8	7.56	11.08	4.84	3.57		
15	PLACE1008603	5.9	7.25	31	30.55	43.67	29.76		
	PLACE1008621	0.55	2.28	0.95	0.72	1.89	1.16		
	PLACE1008625	0.64	4.01	0.9	1.18	1.41	2.03		
	PLACE1008626	0.55	6.06	0.9	1.03	0.83	0.95		
20	PLACE1008627	0.46	8.32	1.86	1.87	3.34	2.7		
	PLACE1008629	3.22	9.18	5.84	5.44	6.75	4.41		
	PLACE1008630	1.68	3.39	4.23	4.21	3.01	3.51		
	PLACE1008643	1.31	0.93	1.98	1.72	2.34	1.94		
25	PLACE1008650	0.25	3.05	1.62	2.23	1.63	1.24		
	PLACE1008657	1.17	2.39	2.51	2.34	4.04	2.91		
	PLACE1008664	0.91	5.93	2.37	2.91	2.51	1.13		
30	PLACE1008693	0.97	4.93	3.09	2.53	3.81	2.2		
	PLACE1008696	0.88	3.84	2.21	2.26	2.11	1.47		
	PLACE1008715	1.05	4.71	2.11	1.34	2.65	2.65		
	PLACE1008716	2.48	3.94	4.19	5.75	6.9	7.07	*	+
35	PLACE1008722	3.85	4.34	7.37	7.64	7.19	3.45		
	PLACE1008738	5.17	9.13	12.7	9.49	5.83	4.8		
	PLACE1008742	6.57	6.87	14.66	14.94	15.06	12.41		
40	PLACE1008744	3.52	6.98	5.61	5.83	4.55	2.74		
	PLACE1008748	0.63	4.39	2.75	2.44	1.67	1.61		
	PLACE1008757	0.99	4.74	4.51	2.77	5.74	2.17		
	PLACE1008766	2.66	6.75	3.77	3.51	6.47	4.06		
45	PLACE1008785	1.39	1.68	2.6	3.26	3.8	3.89	*	+
	PLACE1008790	1.57	1.8	2.29	3.5	5.39	2.96		
	PLACE1008798	1.71	3.82	4.45	6	5.93	3.32		
	PLACE1008807	1.34	3.95	1.61	2.54	2.62	1.8		
50	PLACE1008808	1.6	4.53	3.01	4.24	3.69	5.04		
	PLACE1008813	1.38	4.85	1.97	1.9	1.95	2.3		
	PLACE1008836	1.34	5.81	3.68	3.89	6.17	4.1		
55	PLACE1008851	1.21	6.65	3.94	4.85	10.04	4.54		

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	PLACE1008854	0.56	0.48	1.14	1.16	1.41	1.6		
	PLACE1008864	1.98	1.92	2.96	2.73	2.65	2.49		
5	PLACE1008867	1.2	6.57	6.22	6.43	5.71	4.82		
	PLACE1008876	11.7	16.5	27.29	26.74	20.94	23.24		
	PLACE1008887	1.37	4.31	1.44	3.26	2.07	3.28		
10	PLACE1008902	1.33	5.62	2.93	3.17	4.58	2.06		
	PLACE1008911	4.04	8.56	10.48	11.31	13.99	15.66		
	PLACE1008917	0.6	4.53	2.72	1.7	2.9	1.71		
	PLACE1008920	0.75	0.77	0.87	0.61	1.58	1.44		
15	PLACE1008925	0.25	0.9	1.04	0.94	1.91	0.84		
	PLACE1008930	4.12	7.32	9.83	5.11	10.36	7.17		
	PLACE1008934	0.9	3.42	2.9	2.89	2.28	1.7		
	PLACE1008941	1.57	4.14	2.8	2.06	2.59	4.05		
20	PLACE1008947	2.3	5.41	5.51	3.96	5.84	5.16		
	PLACE1008984	1.26	6.31	3.25	3.1	3.93	3.19		
	PLACE1008985	0.94	2.75	2.74	2.84	2.43	2.7		
25	PLACE1008994	0.27	1.72	0.65	1.11	0.78	0.68		
	PLACE1009020	0.46	3.49	2.42	2.49	3.1	2.16		
	PLACE1009027	0.89	2.7	1.59	2.24	1.75	2.09		
	PLACE1009039	-0.06	3.31	3.42	2.39	1.59	1.49		
30	PLACE1009045	1.53	6.33	6.05	23.13	20.76	22.2	**	+
	PLACE1009048	0.41	5.97	2.3	0.61	1.04	0.54		
	PLACE1009050	0.97	4.9	1.68	1.07	1.47	1.55		
35	PLACE1009060	5.61	8.4	9.51	10.74	8.55	11.96		
	PLACE1009067	1.14	2.8	2.03	1.6	2.34	3.4		
	PLACE1009071	1.44	4.05	3.9	3.79	7.24	9.82		
	PLACE1009090	1.27	6.46	2.35	3.11	4.73	2.86		
40	PLACE1009091	5.58	10.22	38.11	38.77	49.35	36.29		
	PLACE1009094	0.26	5.68	1.88	1.67	5.04	1.71		
	PLACE1009099	1	5.52	3.47	3.49	3.36	3.84		
	PLACE1009110	1.59	5.82	1.16	1.68	4.3	4.39		
45	PLACE1009111	1.88	5.24	2.65	3.95	3.77	2.88		
	PLACE1009113	2.24	3.52	3.62	6.14	4.87	7.29	*	+
	PLACE1009130	4.46	6.8	7.84	6.68	9.36	10.47		
50	PLACE1009150	0.88	3.54	1.95	3.23	3.3	3.01		
	PLACE1009155	1.11	5.06	2.98	4.46	4.43	3.87		
	PLACE1009158	1.06	5.77	1.95	1.77	2.35	2.88		
	PLACE1009166	0.76	4.8	1.53	1.59	2.16	1.3		
55	PLACE1009172	1.43	3.96	2.45	2.26	5.85	2.61		

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	PLACE1009174	1. 13	3. 45	2. 42	1. 67	3. 02	2. 38		
	PLACE1009183	1. 62	3. 54	4. 47	4. 1	6. 33	8. 06		
5	PLACE1009186	1. 04	5. 07	2. 3	2. 46	2. 86	2. 91		
	PLACE1009190	0. 75	2. 32	1. 44	1. 53	1. 9	1. 65		
	PLACE1009196	0. 81	4. 01	2. 73	2. 24	2. 38	1. 99		
10	PLACE1009200	1. 01	4. 44	2. 94	2. 84	4. 39	2. 91		
	PLACE1009217	2. 55	4. 91	3. 43	4. 46	7. 29	7. 23		
	PLACE1009230	1. 9	5. 55	6. 63	5. 63	9. 16	9. 46		
	PLACE1009236	4. 97	7. 07	12. 6	8. 21	10. 79	7. 13		
15	PLACE1009246	11. 71	11. 96	24. 75	14. 59	16. 36	9. 05		
	PLACE1009265	6. 95	7. 82	14. 01	15. 61	5. 19	12. 17		
	PLACE1009279	0. 67	2. 07	2. 46	1. 93	2. 54	1. 63		
	PLACE1009298	5. 54	9. 92	9. 52	10. 21	11. 25	17. 55		
20	PLACE1009308	1. 13	6. 82	2. 04	2. 48	2. 48	2. 34		
	PLACE1009319	2. 04	9. 25	3. 15	2. 92	3. 54	2. 5		
	PLACE1009328	1. 04	5. 78	1. 81	2. 98	3. 39	2. 17		
25	PLACE1009335	1. 38	6. 55	4. 72	2. 24	3. 21	3. 01		
	PLACE1009338	2. 56	4. 14	5. 1	3. 24	4. 3	1. 57		
	PLACE1009344	0. 73	2. 45	1. 08	1. 31	1. 55	0. 84		
	PLACE1009355	5. 41	7. 37	9. 95	13. 44	10. 76	13. 55	*	+
30	PLACE1009368	1. 3	2. 56	2. 41	2. 43	2. 32	2. 19		
	PLACE1009375	1. 21	6. 41	3. 05	3. 04	4. 46	2. 53		
	PLACE1009388	1. 18	8. 68	3. 01	3. 46	4. 53	2. 72		
35	PLACE1009398	1. 19	9. 2	3. 74	3. 17	4. 28	3. 96		
	PLACE1009404	2. 78	9. 18	4. 51	5. 33	6. 73	6. 94		
	PLACE1009410	1. 27	2. 35	2. 33	2. 51	2. 31	1. 44		
	PLACE1009417	0. 95	2. 25	4. 34	2. 55	3. 08	1. 71		
40	PLACE1009424	1. 88	3. 61	3. 18	2. 85	3. 24	3. 93		
	PLACE1009434	0. 84	3. 94	2. 91	1. 29	1. 82	2. 19		
	PLACE1009443	1. 21	7. 2	2. 55	2. 42	3. 43	3. 17		
	PLACE1009444	1. 33	7. 71	4. 05	2. 51	3. 17	3. 79		
45	PLACE1009459	0. 23	7. 99	1. 55	1. 71	1. 83	0. 86		
	PLACE1009460	1. 75	6. 84	3. 26	5. 15	4. 31	4. 08		
	PLACE1009468	0. 99	2. 83	3. 42	4. 43	4. 42	2. 97		
50	PLACE1009476	0. 21	1. 21	0. 73	1. 05	0. 67	1. 33		
	PLACE1009477	1. 35	3. 13	2. 67	3. 06	2. 35	2. 2		
	PLACE1009493	0. 87	3. 35	0. 94	1	1. 87	1. 41		
	PLACE1009502	0. 76	4. 64	2. 13	1. 19	1. 89	1. 66		
55	PLACE1009524	1. 32	4. 22	1. 63	0. 94	2. 14	1. 6		

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	PLACE1009527	0.95	4.51	2.11	1.64	2.55	1.28		
	PLACE1009531	20.82	28.24	41.52	46.25	43.25	49.96		
5	PLACE1009535	1.1	1.56	2.68	2.42	2.15	1.11		
	PLACE1009539	2.15	3.41	4.18	3.88	2.65	2.57		
	PLACE1009540	5.89	8	11.66	14.8	4.47	3.84		
10	PLACE1009542	1.11	3.37	1.42	1.51	2.06	1.44		
	PLACE1009546	0.62	5.27	0.97	2.24	1.64	1.25		
	PLACE1009556	0.35	4.46	3.46	3.36	2.86	3.16		
	PLACE1009569	0.05	3.93	2.46	3.34	2.7	3.11		
15	PLACE1009571	1.67	4.27	2.52	3.04	2.85	2.67		
	PLACE1009573	3.81	2.97	6.73	6.92	8.12	6.49		
	PLACE1009576	1.92	2.51	4.3	2.73	3.66	2.08		
20	PLACE1009580	1.42	1.81	1.74	2.73	3.47	2.33	*	+
	PLACE1009581	0.89	4.25	2.03	2.91	4.38	2.74		
	PLACE1009587	0.96	4.91	2.29	2.43	3.2	1.99		
	PLACE1009593	2.71	6.73	4.37	4.94	6.85	5.03		
25	PLACE1009595	1.81	5.44	2.66	2.67	5	2.79		
	PLACE1009596	1.57	6.83	2.6	3.44	3.97	2.7		
	PLACE1009600	3.03	4.27	4.48	5.48	9.14	4.42		
	PLACE1009604	2.32	4.64	5.02	4.22	6.11	3.23		
30	PLACE1009607	1.29	2.48	3.18	3.19	4.17	3.18		
	PLACE1009613	1.94	5.23	2.94	2.65	3.08	2.23		
	PLACE1009621	1.66	6.72	3.32	8.21	8.67	8.06	*	+
35	PLACE1009622	1.78	5.93	3.78	3.9	4.1	3.9		
	PLACE1009624	1.16	5.77	3.42	3.2	3.65	3.5		
	PLACE1009637	2	6.88	3.36	3.07	4.59	3.91		
	PLACE1009639	1.94	1.76	4.15	3.44	3.67	4.99		
40	PLACE1009654	20.88	17.13	34.95	14.94	24.53	20.64		
	PLACE1009659	2.77	6.78	7.45	6.38	8.38	6.55		
	PLACE1009665	1.04	4.21	1.93	1.19	2.72	1.93		
	PLACE1009669	7.73	9.64	14.54	9.85	16.89	8.82		
45	PLACE1009670	1.76	5.36	2.54	2.77	4.47	4.01		
	PLACE1009708	2.1	5.57	5.09	3.64	6.54	5.84		
	PLACE1009721	1.34	4.28	3.56	5.78	5.81	3.01		
50	PLACE1009731	1.36	3.59	3	3.58	6.53	5		
	PLACE1009735	1.94	3.94	3.21	5.16	7.52	4.78		
	PLACE1009737	1.89	4.29	2.95	4.83	5.61	5.47	*	+
	PLACE1009741	1.3	4.32	3.45	2.09	5.03	3.07		
55	PLACE1009752	1.34	5.64	2.65	2.3	3.33	1.68		

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	PLACE1009763	3.95	9.73	6.82	7.13	7.44	8.39
	PLACE1009766	1.46	6.98	3.32	3.07	5.19	3.75
5	PLACE1009772	0.48	5.19	0.6	1.01	2.46	0.89
	PLACE1009782	0.91	2.39	2.03	2.88	2.91	3.74
	PLACE1009794	2.58	4.45	5.11	3.54	3.66	5.03
	PLACE1009798	1.59	5.37	4	6.26	5.57	5.67
10	PLACE1009845	1.05	6.02	2.92	2.79	3.39	3.92
	PLACE1009849	0.96	6.61	2.35	1.79	3.41	2.59
	PLACE1009857	0.79	4.86	1.45	1.19	1.27	1.56
15	PLACE1009861	1.43	4.67	3.87	4.1	3.47	3.11
	PLACE1009872	53.53	52.43	88.5	74.95	49.47	81.73
	PLACE1009877	5.45	7.59	12.08	10.03	10.3	12.32
	PLACE1009879	0.82	3.28	1.59	1.55	2.99	1.34
20	PLACE1009886	0.68	4.04	1.53	1.62	3.04	1.72
	PLACE1009888	1.03	7.4	3.23	5.34	5.84	7.94
	PLACE1009908	1.56	7.63	8.64	3.37	6.71	5.9
25	PLACE1009919	4.5	7.53	8.26	5.84	10.72	10.15
	PLACE1009921	0.96	3.94	3.32	1.63	4.28	2.47
	PLACE1009923	3.82	5.56	6.85	6.32	8.13	5.57
	PLACE1009924	3.01	2.49	4.53	4.43	4.31	1.04
30	PLACE1009925	0.61	2.77	1.84	2.51	2.2	2.5
	PLACE1009931	2.78	5.21	9	8.71	6.93	8.09
	PLACE1009935	0.74	3.71	2.1	1.19	1.08	1.5
	PLACE1009947	0.47	3.83	1.64	1.51	2.46	2.03
35	PLACE1009961	0.43	4.08	1.39	1.69	2.18	1.9
	PLACE1009971	0.92	4.9	1.98	1.35	1.74	1.45
	PLACE1009982	40.34	48.71	89.8	53.8	57.87	66.96
40	PLACE1009992	0.94	1.9	2.59	1.47	2.52	0.68
	PLACE1009995	6.47	10.83	15.72	7.79	9.03	11.23
	PLACE1009997	0.55	3.7	3.03	2.76	3.2	2.64
	PLACE1010002	1.4	4.14	2.82	2.89	3.04	3.46
45	PLACE1010011	2.09	8.13	3.85	4.4	5.21	4.68
	PLACE1010013	0.18	12.85	1.74	0.92	1.81	0.68
	PLACE1010021	3.18	11.98	5.42	4.12	4.13	6.06
50	PLACE1010023	2.15	8.45	5.16	5.62	6.52	6.14
	PLACE1010031	4.6	4.35	7.23	6.79	4.91	1.82
	PLACE1010039	1.17	3.3	1.45	1.28	1.23	1.19
	PLACE1010045	1.1	2.83	3.66	2.52	3.55	2.64
55	PLACE1010053	1.42	3.56	1.65	2.21	2.76	2.37

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	PLACE1010060	1.63	6.1	4.13	4.11	4.6	4.05		
	PLACE1010069	0.41	7.96	2.32	1.48	2.91	1.3		
5	PLACE1010070	0.92	8.04	1.5	0.45	1.78	1.09		
	PLACE1010074	5.25	11.67	11.8	12.32	9.51	11.22		
	PLACE1010076	12.75	11.95	29.01	19.58	15.88	16.82		
	PLACE1010078	2.96	2.42	4.36	4.64	4.39	3.85		
10	PLACE1010081	2.74	4.1	3.7	6.85	7.81	4.59	*	+
	PLACE1010083	0.69	2.53	1.51	1.22	1.86	2.26		
	PLACE1010089	1.86	4.89	3.35	3.45	3.47	3.48		
15	PLACE1010096	2.17	7.73	2.91	3.43	4.19	3.2		
	PLACE1010102	3.89	10.9	5.33	7.1	9.64	7.57		
	PLACE1010105	2.98	7.46	4.93	7.31	9.04	9.82		
	PLACE1010106	2.46	2.95	4.48	5.47	4.88	5.8	*	+
20	PLACE1010130	0.53	1.79	1.17	2.27	2.55	1.23		
	PLACE1010132	2.49	4.65	5.3	5.07	4.39	4.19		
	PLACE1010134	0.8	3.32	1.15	1.97	2.31	1.67		
25	PLACE1010139	6.67	10.51	12.98	14.99	16.1	14.58		
	PLACE1010148	0.96	5.07	1.62	1.48	1.9	1.97		
	PLACE1010152	3.11	5.68	5.16	6.33	6.64	5.76		
	PLACE1010155	3.8	6.17	6.52	16.85	20.56	20.32	**	+
30	PLACE1010156	13.71	15.43	32.21	132.45	85.59	134.99	**	+
	PLACE1010161	1.9	2.81	5.05	3.29	2.92	1.97		
	PLACE1010181	0.73	2.22	1.51	2.58	1.99	2.53		
	PLACE1010194	0.64	3.35	1.03	2.26	2.14	1.64		
35	PLACE1010202	0.4	4.14	1.2	2.91	1.65	2.16		
	PLACE1010231	1.1	3.78	2.39	1.31	2.99	2.73		
	PLACE1010235	1.26	4.24	1.94	2.68	2.42	3.16		
40	PLACE1010237	1.01	3.4	2.1	1.14	1.97	0.87		
	PLACE1010251	0.59	0.98	1.95	2.57	3.18	1.62		
	PLACE1010261	0.97	2.63	2.07	2.69	1.69	1.55		
	PLACE1010270	0.76	2.7	1.3	1.39	2.33	1.42		
45	PLACE1010273	0.97	3.27	0.46	1.48	2.25	1.5		
	PLACE1010274	6.28	9.23	9.66	10.49	12.18	14.28		
	PLACE1010277	6.03	10.14	12.68	14.6	16.06	15.84	*	+
	PLACE1010293	1.8	5.68	3.55	3.65	3.37	3.96		
50	PLACE1010297	5.17	11.37	21	24.84	32.59	22.06		
	PLACE1010300	4.18	4.78	8.22	8	9.95	6.87		
	PLACE1010310	16.52	14.75	49.45	70.74	71	77.01	*	+
55	PLACE1010321	2.03	4.92	2.46	3.37	4.99	2.73		

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	PLACE1010324	0.88	3.49	1.56	1.12	1.54	1.2		
	PLACE1010329	0.73	4.64	1.95	2.56	3.37	1.96		
5	PLACE1010330	3.78	9.09	7.29	2.42	10.45	7.67		
	PLACE1010335	6.43	11.15	7.43	13.15	17.89	19.1	*	+
	PLACE1010341	0.19	4.81	1.24	1.07	3.13	1.54		
10	PLACE1010342	0.77	0.9	0.75	0.48	2.12	0.8		
	PLACE1010346	1.47	1.73	3.61	2.96	4.47	1.71		
	PLACE1010362	1.31	2.69	2.22	2.18	3.49	3.31		
	PLACE1010364	0.78	2.56	1.65	1.19	2.32	1.49		
15	PLACE1010368	1.66	5.44	3.51	3.41	3.87	4.48		
	PLACE1010373	9.05	10.48	16.82	12.13	15.45	12.28		
	PLACE1010383	1.91	5.52	5.13	5.58	6.39	4.9		
	PLACE1010385	0.3	3.01	1.07	0.04	0.6	0.9		
20	PLACE1010389	6.28	7.98	13.24	22.3	13.64	22.94	*	+
	PLACE1010401	0.73	2.72	1.32	1.99	2.87	2.21		
	PLACE1010410	3.15	4.83	6.71	4.78	7.55	7.32		
25	PLACE1010418	1.88	4.73	4.2	4.71	5.14	4.66		
	PLACE1010425	0.93	4.78	1.43	1.78	1.96	2.15		
	PLACE1010443	6.98	13.83	51.39	36.22	63.67	48.93		
	PLACE1010445	0.95	5.02	0.68	2.69	3.81	2.44		
30	PLACE1010481	1.19	2.06	2.46	1.75	2	1.85		
	PLACE1010482	28.99	29.39	53.06	31.75	19.63	40.44		
	PLACE1010491	3.36	6.4	5.38	4.96	5.98	3.26		
35	PLACE1010492	4	4.75	5.95	5.57	8.15	7.77		
	PLACE1010509	0.8	4.32	3.15	3.09	3.01	2.99		
	PLACE1010518	3.33	6.72	6.58	7.3	8.25	8.24		
	PLACE1010522	2.3	5.96	4.35	1.87	3.52	2.64		
40	PLACE1010529	1.8	6.5	3.84	5.43	8.44	7.2		
	PLACE1010547	0.79	1.57	1.76	1.51	1.93	2.45		
	PLACE1010560	0.63	2.51	2.06	3.31	2.2	2.51		
	PLACE1010562	0.74	2.68	1.65	1.64	2.1	1.63		
45	PLACE1010579	1.11	7.13	2.63	3.45	4.67	3.26		
	PLACE1010580	1.35	9.12	3.79	3.27	2.49	4.52		
	PLACE1010599	3.56	6.07	7.94	8.32	9.26	8.13		
50	PLACE1010606	1.17	4.42	1.64	3.39	4.17	3.51		
	PLACE1010616	1.84	3.72	5.49	4.09	8.09	6.81		
	PLACE1010622	2.1	3.43	3.91	5.07	4.74	4.69	*	+
	PLACE1010624	1.43	3.35	3.98	4.21	6.17	5.22		
55	PLACE1010628	1.37	3.97	2.83	2.14	3.63	4.22		

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	PLACE1010629	1.08	4.64	2.24	3.01	3.3	3.5		
	PLACE1010630	1.64	4.77	3.69	4.22	4.78	5.29		
5	PLACE1010631	0.5	5.35	2.64	1.55	1.66	2.67		
	PLACE1010651	14.24	15.75	24.44	37.62	40.09	52.12	*	+
	PLACE1010661	1.62	4.09	2.28	3.56	6.43	3.22		
10	PLACE1010662	1.32	2.48	1.6	2.98	2.3	1.61		
	PLACE1010668	12.87	15.91	27.82	37.63	30.53	28.75		
	PLACE1010702	1.46	2.34	4.24	3.59	3.6	3.2		
	PLACE1010709	79.16	78.33	115.91	107.07	96.3	133.25		
15	PLACE1010713	7	10.81	14.7	9.14	8.16	15.14		
	PLACE1010714	0.82	7.41	1.58	1.75	2.04	1.47		
	PLACE1010716	0.71	6.19	4.31	2.08	2.3	1.93		
20	PLACE1010717	0.9	6.49	2.13	2.17	3.9	2.61		
	PLACE1010720	14.03	17.05	53.79	46.72	50.7	41.49		
	PLACE1010739	0.9	1.2	1.11	1.73	1.21	1.93		
	PLACE1010743	1.09	2.3	1.99	2.63	2.05	2.21		
25	PLACE1010752	0.87	2.92	1.85	1.76	2.05	1.53		
	PLACE1010761	3.6	8.83	13.51	12.07	16.4	17.08		
	PLACE1010771	1.41	6.89	5.03	6.13	10.3	5.42		
	PLACE1010784	0.9	9.66	1.97	2.07	1.72	1.34		
30	PLACE1010786	1.21	8.77	2.83	2.91	3.68	2.21		
	PLACE1010789	0.6	1.16	1.52	1.8	1.89	1.17		
	PLACE1010800	2.18	2.86	3.25	3.95	3.24	2.93		
35	PLACE1010802	2.97	4.63	5.31	5.72	4.27	3.3		
	PLACE1010811	0.89	2.19	1.96	1.83	1.75	2.18		
	PLACE1010813	8.89	13.3	55.85	48.82	72.26	46.7		
	PLACE1010827	1.54	6.43	3.94	4.3	5.52	4.81		
40	PLACE1010833	0.93	8.13	2.63	2.68	3.64	2.09		
	PLACE1010839	1.57	6.22	3.21	4.22	6.72	4.13		
	PLACE1010856	7.58	8.94	12.34	8.02	6.53	8.59		
	PLACE1010857	3.41	3.81	7.63	8.24	5.98	4.56		
45	PLACE1010870	1.3	2.24	2.05	1.62	2.38	1.94		
	PLACE1010877	1.67	4.66	2.69	2.77	3.92	2.62		
	PLACE1010882	0.49	4.8	0.99	1.74	1.27	0.51		
50	PLACE1010891	1.1	7.73	1.12	1.85	1.73	0.95		
	PLACE1010896	1.19	5.29	3.18	3.98	3.05	3.47		
	PLACE1010900	7.41	13.29	27.9	23.88	20.99	18.85		
	PLACE1010916	1.55	1.18	2.06	1.89	1.9	2.2		
55	PLACE1010917	-0.04	0.82	0.36	1.05	2.25	0.56		

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	PLACE1010924	1.15	2.31	1.55	1.11	1.88	0.92		
	PLACE1010925	2.76	5.36	2.17	4.92	6.32	4.16		
5	PLACE1010926	1.8	5.73	4.31	5.37	4.35	4.45		
	PLACE1010942	1.7	6.25	5.63	5.53	7.88	7.69		
	PLACE1010943	7.38	10.43	17.12	24.62	29.5	31.96	**	+
10	PLACE1010944	4.33	7.39	9.3	13.11	11.44	15.58	*	+
	PLACE1010947	1.43	0.9	2.41	2.57	2.8	2.25		
	PLACE1010954	3.56	2.92	7.4	7.92	8.55	7.64		
	PLACE1010960	2.06	3.44	6.07	4.23	7.89	2.6		
15	PLACE1010965	2.33	3.81	3.54	6.09	4.92	5.03	*	+
	PLACE1010968	1.55	4.69	1.38	4.95	6.51	3.68		
	PLACE1010978	3.63	6.12	7.05	9	8.94	6.45		
20	PLACE1010982	2.23	5.77	5.6	4.74	5.66	4.88		
	PLACE1010990	0.88	5.4	2.04	3.11	3.03	2.19		
	PLACE1011017	5.6	3.78	22.57	25.64	35.47	20.97		
	PLACE1011019	1.1	1.5	2.48	3.78	4.42	0.88		
25	PLACE1011026	4.17	4.93	6.23	6	5.19	2.74		
	PLACE1011032	0.89	3.95	2.03	1.44	1.58	0.56		
	PLACE1011041	1.07	4.13	1.03	1.69	1.22	1.43		
	PLACE1011045	1.49	5.62	2.36	3.26	3.67	4.45		
30	PLACE1011046	0.83	5.25	1.79	2.57	3.17	1.87		
	PLACE1011054	2.33	5.33	6.64	5.26	7.29	5.05		
	PLACE1011056	5.78	5.43	16.22	14.56	19.78	15.67		
35	PLACE1011057	2	2.18	3.5	3.29	5.68	3.9		
	PLACE1011059	0.93	1.37	1.56	1.74	2.96	1.79		
	PLACE1011066	4.49	5.74	6.76	5.38	7.72	5.49		
	PLACE1011087	7.6	7.04	16.48	12.43	17.42	9.79		
40	PLACE1011090	2.98	6.14	6.74	3.36	4.13	3.26		
	PLACE1011109	1.99	7.29	4.29	4.08	7.96	3.83		
	PLACE1011114	1.62	4.4	3.13	3.33	4.68	3.29		
45	PLACE1011116	4.89	5.94	6.66	7.43	6.81	8.98		
	PLACE1011122	0.93	2.52	1.84	2.1	1.61	1.64		
	PLACE1011133	0.83	2.22	3.03	3.48	3.52	2.77		
	PLACE1011134	12.47	15.29	66.86	44.95	68.68	51.65		
50	PLACE1011143	0.68	4.53	1.48	1.84	2.62	1.41		
	PLACE1011146	0.91	5.93	1.74	1.97	3.23	2.36		
	PLACE1011160	1.67	7.36	3.81	3.42	4.53	4.24		
	PLACE1011165	1.77	2.34	3.39	2.15	3.39	3.8		
55	PLACE1011181	5.25	8.31	37.21	29.38	38.44	30.55		

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	PLACE1011185	2.47	4	3.57	4.66	5.15	4.8	*	+
	PLACE1011186	13.16	12.8	16.45	21.18	25.69	28.83	*	+
5	PLACE1011203	1.08	4.64	2.19	1.75	2.94	1.96		
	PLACE1011214	9.02	16.55	59.24	46.39	62.58	47.89		
	PLACE1011219	1.41	4.91	3.6	3.26	4.96	2.9		
10	PLACE1011221	2.68	5.47	6.15	6.23	8.57	7.51		
	PLACE1011229	1.38	4.2	2.69	2.43	2.43	3.09		
	PLACE1011231	0.53	1.5	1.62	1.84	2.59	2.4		
	PLACE1011236	5.69	7.9	43.53	33.48	56.77	44.25		
15	PLACE1011247	8.36	10.08	19.16	24.17	26.33	29.74	*	+
	PLACE1011263	0.57	6.43	4.23	2.62	4.11	5.09		
	PLACE1011273	0.72	3.62	1.17	2.01	1.64	1.72		
20	PLACE1011278	2.42	5	6.12	3.98	4.84	4.31		
	PLACE1011289	2.73	5.84	7.57	6.34	6.13	6.08		
	PLACE1011291	3.2	5.19	8.31	7.32	8.04	7.95		
	PLACE1011296	0.93	2.45	1.94	1.76	2.63	2.05		
25	PLACE1011310	1.72	2.64	3.36	4.51	2.77	4.48		
	PLACE1011311	1.8	3.97	6.33	7.8	9.34	6.73		
	PLACE1011321	1.29	4.77	3.5	3.3	2.63	3.33		
	PLACE1011325	0.63	4.2	1.84	2	2.74	1.59		
30	PLACE1011332	5.65	10.55	9.4	14.8	14.57	15.04	*	+
	PLACE1011340	0.86	4.88	3.38	3.81	4.71	3.47		
	PLACE1011353	5.39	5.53	8.39	10.06	8.58	4.43		
35	PLACE1011360	1.09	3.29	2.18	2.11	3.06	2.41		
	PLACE1011364	4.88	5.69	7.92	6.34	4.57	4.57		
	PLACE1011365	0.92	3.36	2.95	3.01	3.6	2.06		
	PLACE1011371	9.37	10.69	63.06	56.51	87.51	64.33		
40	PLACE1011375	1.62	9.37	3.35	2.61	2.74	1.62		
	PLACE1011386	3.91	12.96	4.18	6.88	5.51	5.93		
	PLACE1011399	1.52	10.14	4.27	2.12	4.22	3.77		
45	PLACE1011406	1.25	2.05	1.81	5.03	3.26	2.38		
	PLACE1011407	0.64	2.05	2.58	2.08	2.19	2.02		
	PLACE1011419	2.83	3.2	6.02	6.23	4.18	3.72		
	PLACE1011433	3.09	4.43	6.13	3.41	4.74	4.99		
50	PLACE1011440	0.77	5.81	2.48	2.1	2.24	2.27		
	PLACE1011452	1.06	8.86	2.43	2.87	2.71	2.68		
	PLACE1011465	0.09	8.53	1.96	1.04	1.68	0.85		
	PLACE1011472	1.52	7.67	3.98	0.97	2.87	1.59		
55	PLACE1011477	11.18	12.29	54.35	31.86	55.86	45.67		

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	PLACE1011478	1.24	1.64	3.11	5.03	3.02	3.01		
	PLACE1011492	2.24	3.54	5.01	5.45	6.74	5.27		
5	PLACE1011498	0.57	2.77	0.98	1.18	1.69	1.15		
	PLACE1011501	0.49	4.67	1.8	4.87	5.63	7.5		
	PLACE1011503	0.44	5.37	0.79	0.5	0.82	0.35		
	PLACE1011509	1.1	7.8	3.38	4.62	5.08	5.74		
10	PLACE1011514	5.86	11.61	11.98	13	17.7	13.17		
	PLACE1011516	10.37	13.29	18.32	18.32	8.08	3.63		
	PLACE1011520	0.34	0.95	1.34	1.3	1.73	1.01		
15	PLACE1011538	52.87	99.27	185.04	129.45	86.87	63.9		
	PLACE1011555	0.87	2.88	2.83	1.55	2.03	1.48		
	PLACE1011561	3.2	4.53	1.98	6.81	5.31	3.08		
	PLACE1011563	1.35	4.74	3.49	2.52	2.64	2.87		
20	PLACE1011567	1.04	4.94	3.36	2.75	4.19	2.77		
	PLACE1011569	0.32	4.35	2.77	2.38	2.46	2.28		
	PLACE1011576	3.25	1.88	7.94	7.85	9.1	8.03		
	PLACE1011586	3.24	2.5	6.22	4.43	4.35	2.94		
25	PLACE1011635	1.85	2.56	4.53	9.96	12.43	8.71	**	+
	PLACE1011641	0.43	2.9	0.9	1.71	1.18	1.19		
	PLACE1011642	5.05	6.96	10.37	12.13	10.86	10.09		
30	PLACE1011643	1.29	3.69	1.14	2.38	2.28	2.14		
	PLACE1011646	8.68	12.8	30.53	39.05	54.16	37.76	*	+
	PLACE1011649	1.35	5.7	3.88	4.5	4.61	5.46		
	PLACE1011650	1.15	1.45	2.54	2.47	3.24	3.75		
35	PLACE1011661	1.02	2.26	2.8	3.95	5.92	3.46		
	PLACE1011664	2.21	3.18	3.99	5.31	3.93	1.73		
	PLACE1011672	0.88	4.14	0.72	2.69	3.57	2.04		
40	PLACE1011675	0.51	2.31	1.32	1.66	0.99	0.83		
	PLACE1011682	2.04	4.56	2.23	2.22	4.03	2.12		
	PLACE1011708	1.1	5.89	3.8	5.5	8.12	4.66		
	PLACE1011719	1.07	4.58	1.66	3.55	3.88	3.03		
45	PLACE1011725	1.23	1.19	2.72	3.73	5.19	4.3	*	+
	PLACE1011729	0.86	1.03	1.8	2.38	3.26	1.22		
	PLACE1011741	2.36	3.67	3.64	4.16	2.52	4.23		
	PLACE1011749	1.58	3.89	4.09	3.49	4.85	3.27		
50	PLACE1011757	20.92	30.53	55.88	56.6	55.88	49.59		
	PLACE1011762	0.4	4.34	2.69	3.91	2.14	2.3		
	PLACE1011778	0.51	4.39	1.99	1.34	2.02	1.34		
55	PLACE1011783	2.59	4.63	5.46	4.8	8.41	5.55		

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	PLACE1011795	0.74	1.28	2.24	1.47	1.8	1.22		
	PLACE1011810	9.28	10.82	19.51	13.32	17.73	15.47		
5	PLACE1011824	5.38	8.17	38.05	25.52	42.89	16.75		
	PLACE1011825	10.61	16.39	22.6	17.63	18.92	16.07		
	PLACE1011835	24.64	32.67	47.67	32.09	26.75	37.23		
	PLACE1011836	18.11	18.97	31.43	33.14	47.23	13.95		
10	PLACE1011847	2.67	6.74	6.42	5.34	7.18	5.84		
	PLACE1011855	0.9	6.06	3.53	3.23	4.47	3.49		
	PLACE1011858	5.83	7.44	9.37	6.88	6.25	8.35		
15	PLACE1011874	1.35	3.14	3.55	4.18	5.28	4.65		
	PLACE1011875	0.57	2.29	1.11	2.66	2.48	2.64		
	PLACE1011877	3.8	5.03	4.4	7.67	6.8	9.97	*	+
	PLACE1011891	0.17	3.81	1.31	1.13	1.34	1.26		
20	PLACE1011896	-0.1	5.22	1.45	-0.19	1.07	0.32		
	PLACE1011920	0.21	5.87	1.04	1.1	1.92	1.76		
	PLACE1011922	2.4	4.18	4.72	3.72	2.88	3.98		
25	PLACE1011923	3.42	4.82	7.51	8.09	5.38	12.28		
	PLACE1011937	3.16	2.24	3.76	3.81	5.58	4.64		
	PLACE1011939	14.93	17.81	26.01	41.75	45.05	47.88	**	+
	PLACE1011940	6.13	7.58	12.68	5.73	7	7.23		
30	PLACE1011962	3.28	7.83	7.35	6.39	8.38	8.01		
	PLACE1011964	0.39	5.05	1.66	1.04	1.95	1.46		
	PLACE1011978	1.55	4.65	3.35	4.48	5.91	5.14		
	PLACE1011980	2.1	4.62	6.07	3.95	4.91	5.35		
35	PLACE1011981	5.77	7.28	38.2	27.22	35.24	34.99		
	PLACE1011982	0.83	3.1	2.23	1.82	2.59	1.57		
	PLACE1011995	0.81	3.4	3.73	2.51	3.59	2.86		
40	PLACE1012023	1.38	5.37	1.87	2.09	2.46	1.91		
	PLACE1012026	1.95	5.72	4.23	6.08	9.51	9.8		
	PLACE1012031	2.49	5.81	4.54	4.34	6.35	4.03		
	PLACE2000003	1.18	3.64	6.86	7.38	8.12	8.92		
45	PLACE2000005	1.16	2.41	2.16	2.76	2.03	1.89		
	PLACE2000006	2.52	4.13	15.6	11.34	16.58	13.4		
	PLACE2000007	0.96	4.85	4.24	3.94	5.13	3.33		
	PLACE2000011	1.72	3.27	3.34	4.3	5.06	3.62		
50	PLACE2000014	4.04	5.93	23.94	27.19	30.87	30.97	*	+
	PLACE2000015	1.27	4.79	3.52	2.77	3.31	2.69		
	PLACE2000017	0.48	4.78	2.15	2.65	2.56	2.45		
55	PLACE2000021	1.99	5.06	4.09	3.72	6.24	5.61		

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	PLACE2000022	1.8	2.8	4.31	3.35	4.64	2.71
	PLACE2000030	9.37	11.08	71.38	55.43	60.32	35.97
5	PLACE2000032	1.23	2.89	3.51	3.53	3.24	2.32
	PLACE2000033	3.29	6.3	12.11	12.49	14.25	9.37
	PLACE2000034	0.6	4.3	1.92	1.79	2.19	2.44
	PLACE2000039	2.75	8.06	3.92	6.27	8.01	4.81
10	PLACE2000043	7	11.08	22.94	19.27	26.58	17.38
	PLACE2000044	0.63	6.92	1.12	1.8	1.71	1.29
	PLACE2000047	0.84	5.25	5.15	5.4	6.46	7.32
15	PLACE2000050	1.48	2.68	4.78	2.92	2.98	1.2
	PLACE2000061	0.47	2.07	1.17	0.95	1.34	0.25
	PLACE2000062	1.99	2.83	4.12	4.89	4.4	3.09
	PLACE2000072	0.78	2.45	1.57	1.85	1.62	1.69
20	PLACE2000073	0.89	5.86	2.86	2.8	2.61	3.07
	PLACE2000097	8.54	19.93	23.93	27.69	35.36	26.36
	PLACE2000100	1.87	7.79	3.53	4.23	6.29	4.22
25	PLACE2000103	1.03	7.44	2.25	3.51	5.17	4.38
	PLACE2000106	1.53	2.42	4.19	5.71	3.29	4.01
	PLACE2000111	2.05	3.17	4.37	4.07	6.6	4.75
	PLACE2000115	0.3	2.06	0.75	0.31	1.29	0.97
30	PLACE2000118	10.15	17.04	21.09	13.73	15.21	22.01
	PLACE2000124	10.14	17.83	62.13	53.2	98.37	62.96
	PLACE2000132	0.06	6.26	1.48	0.99	1.5	1.56
35	PLACE2000136	0.55	7.94	0.91	1.47	1.37	1.02
	PLACE2000137	0.96	4.46	2.4	2.65	4.12	3.14
	PLACE2000140	2.91	5.24	14.34	13.2	12.08	9.43
	PLACE2000147	1.49	1.52	2.83	1.06	0.97	1.12
40	PLACE2000153	0.3	3.44	2.15	1.69	2.45	1.95
	PLACE2000164	0.66	2.78	1.13	2.66	1.62	1.62
	PLACE2000170	1.54	6.18	4.69	5.26	9.09	6.24
	PLACE2000172	0.33	4.34	2.15	1.25	1.93	2.43
45	PLACE2000173	0.92	4.97	3.37	3.33	3.71	2.74
	PLACE2000174	1.17	4.68	2.43	1.85	2.89	2.05
	PLACE2000176	1.22	1.57	2.58	3.28	2.27	1.42
50	PLACE2000187	1.01	2.08	2.55	3.45	3.66	2.19
	PLACE2000216	7.03	9.28	11.47	14.09	9.13	3.68
	PLACE2000219	0.69	4.02	2.72	3.55	3.58	2.3
	PLACE2000221	2.49	6.81	6.53	7.22	9.33	8.56
55	PLACE2000223	0.72	3.2	1.71	1.16	1.05	0.48

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	PLACE2000231	1.02	3.97	3.11	3.43	2.61	2.47		
	PLACE2000235	1.82	5.27	6.17	6.02	7.45	6.97		
5	PLACE2000246	1.93	2	6.06	4.58	5.09	3.93		
	PLACE2000264	0.67	1.39	1.85	2.45	3.74	3	*	+
	PLACE2000274	0.65	2.4	2.12	3.09	4.11	2.1		
	PLACE2000287	0.81	4.44	1.49	2	2.59	1.34		
10	PLACE2000296	1.01	4.56	1.55	2.5	3.16	1.69		
	PLACE2000302	1.34	4.67	2.86	3.52	3.35	3.45		
	PLACE2000305	3.09	6.65	5.42	6.3	7.15	5.02		
15	PLACE2000317	0.92	6.34	2.26	3.15	2.95	2.4		
	PLACE2000324	1.19	1.25	3.09	4.2	5.84	3.3		
	PLACE2000334	3.52	5	6.6	7.33	8.12	5.88		
	PLACE2000335	1.47	4.35	4.24	5.68	6.25	4.76		
20	PLACE2000340	0.64	3.47	1.63	1.58	1.52	1.65		
	PLACE2000341	4.21	7.87	28.81	18.94	32.45	19.16		
	PLACE2000342	2.07	5.11	4.32	4.84	5.82	4.49		
25	PLACE2000347	1.24	5.26	5.58	7.83	6.22	7.55		
	PLACE2000357	8.49	13.56	15.35	17.83	18.98	21.24	*	+
	PLACE2000358	2.87	3.65	8.67	4.88	7.63	4.37		
	PLACE2000359	1.27	1.79	4.45	3.28	6.65	3.61		
30	PLACE2000366	1.93	3.14	3.22	3.99	5.6	4.17		
	PLACE2000371	4.29	5.2	6.08	5.95	9.06	7.32		
	PLACE2000373	1.91	4.8	5.98	5.69	6.29	4.19		
	PLACE2000374	1.86	5.17	2.78	1.62	2.79	1.49		
35	PLACE2000379	0.34	4.85	1.32	1.28	0.92	0.04		
	PLACE2000386	39.29	43.92	84.66	87.53	104.55	76.56		
	PLACE2000388	1.96	3.35	3.89	2.78	3.48	3.49		
40	PLACE2000392	33.29	39.2	59.56	42.5	52.12	58.24		
	PLACE2000394	1.26	3.27	3.01	5.69	4.35	4.34	*	+
	PLACE2000398	0.73	3.88	2.36	2.03	3.59	1.35		
	PLACE2000399	3.7	6.82	7.01	7.15	7	6.79		
45	PLACE2000402	2.15	6.88	3.84	2.86	3.68	3.9		
	PLACE2000404	5.2	9.96	10.67	10.03	11.04	6.47		
	PLACE2000411	3.21	7.2	5.21	5.27	5.73	6.68		
50	PLACE2000418	0.73	2.28	2.41	2.22	3.07	2.37		
	PLACE2000419	0.99	2.32	2.54	4.95	4.55	3.29	*	+
	PLACE2000425	1.26	3.98	3.11	4.28	4.81	5.2		
	PLACE2000427	0.7	5.13	3.27	2.54	3.04	2.47		
55	PLACE2000433	0.77	7.05	2.6	2.33	3.09	2.46		

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	PLACE2000435	0.48	5.19	1.49	1.69	1.63	1.5		
	PLACE2000438	1.61	4.74	3.66	2.33	2.81	3.15		
5	PLACE2000450	3.01	4.38	5.67	6.51	7.39	5.63		
	PLACE2000455	0.24	2.62	1.24	1.65	2	1.82		
	PLACE2000458	0.38	3.3	1.81	1.06	2.7	1.24		
	PLACE2000464	2.15	4.91	5.3	7.43	9.68	8.83	*	+
10	PLACE2000465	1.43	6.72	6	6.51	8.27	6.31		
	PLACE2000473	120.94	179.35	328.3	214.7	297.75	279.74		
	PLACE2000477	0.43	3.87	1.34	1.13	2.22	0.97		
15	PLACE3000004	2.22	4.63	6.39	5.27	7.51	5.2		
	PLACE3000009	19.91	19.71	105.63	77.3	140.99	92.95		
	PLACE3000020	10.03	9.03	49.6	36.74	46.52	23.82		
	PLACE3000029	6.59	9.63	24.88	14.88	18.47	20.04		
20	PLACE3000038	0.52	2.37	2.47	1.44	2.4	2.05		
	PLACE3000052	5.13	7.95	23.92	25.01	29.61	24.94		
	PLACE3000059	0.57	5	2.42	0.75	2.8	1.27		
25	PLACE3000067	2.51	5.79	7.44	5.66	8.53	7.75		
	PLACE3000069	1.95	5.61	3.58	5.24	3.79	4.55		
	PLACE3000070	2.57	5.57	9.04	9.5	10.42	10.57		
	PLACE3000103	3.85	7.84	11.87	6.6	8.32	4.37		
30	PLACE3000119	1.59	2.74	3.15	3.24	3.67	2.95		
	PLACE3000121	7.58	8.44	38.1	30.63	42.28	32.64		
	PLACE3000124	1.53	4.54	5.95	6.35	7.75	7.18		
	PLACE3000135	0.69	5.46	1.1	0.76	0.9	0.59		
35	PLACE3000136	0.77	10.46	4.46	2.12	2.77	2.01		
	PLACE3000142	0.7	9.94	1.75	1.53	2.76	1.13		
	PLACE3000145	8.69	17.55	55.33	42.85	49.12	39.96		
40	PLACE3000147	15.7	12.92	39.97	64.96	54.76	30.34		
	PLACE3000148	0.7	2.08	1.48	0.82	1.4	1.38		
	PLACE3000154	0.48	1.86	0.67	1.5	0.87	0.44		
	PLACE3000155	1.28	4.26	2.53	3.97	4.76	3.04		
45	PLACE3000156	1.11	7.96	2.07	1.96	3.4	2.81		
	PLACE3000157	0.92	8.37	1.75	2.06	3.02	2.72		
	PLACE3000158	1.73	8.82	5.05	3.81	5.63	4.77		
	PLACE3000160	8.11	15.22	19.5	33.66	34.71	33.78	**	+
50	PLACE3000169	2.15	2.65	6.87	4.3	5.11	5.12		
	PLACE3000181	1.06	2.14	3.94	3.22	2.62	3		
	PLACE3000194	0.31	2.83	1.77	1.89	2.58	2.42		
55	PLACE3000197	1.18	2.66	2.09	2.42	2.46	2.21		

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	PLACE3000199	0.22	4.8	1.63	0.55	0.86	0.43		
	PLACE3000205	11.79	17.95	57.49	51.4	63.83	42.63		
5	PLACE3000207	3.37	6.91	7.13	6.7	8.92	6.23		
	PLACE3000208	2.26	4.96	2.66	5.28	5.97	5.84		
	PLACE3000213	4.79	5.55	10.8	5.12	5.16	5.05		
	PLACE3000215	1.88	5.02	5.71	4.74	5	3.03		
10	PLACE3000218	0	1.63	1.18	0.97	0.62	0.31		
	PLACE3000220	1.96	3.55	4.58	6.74	7.52	6.69	*	+
	PLACE3000221	14.42	25.34	40.15	43.8	51.16	36.99		
15	PLACE3000225	1.15	4.68	3.11	2.11	2.67	1.28		
	PLACE3000226	1.37	5.65	5.16	3.78	7.42	3.68		
	PLACE3000230	0.83	3.46	1.36	2	2.8	1.73		
	PLACE3000231	1.31	1.97	2.37	4.86	3.95	4.12	**	+
20	PLACE3000235	1.12	1.75	3.89	3.95	4.21	3.39		
	PLACE3000242	2.6	5.11	9.24	9.46	10.97	8.29		
	PLACE3000244	1.05	3.2	1.81	1.85	1.81	0.64		
25	PLACE3000253	0.7	3.75	1.64	2.67	2.11	1.27		
	PLACE3000254	2.5	4.75	4.04	6.19	6.09	5.75	*	+
	PLACE3000271	2.67	6.06	6.81	10.96	10.99	9.5	*	+
	PLACE3000276	1.1	5.78	2.27	1.48	1.9	1.78		
30	PLACE3000304	5.55	4.69	10.81	11.19	11.49	10.5		
	PLACE3000309	0.43	1.67	1.87	2.43	2.94	2.78	*	+
	PLACE3000310	2.19	2.19	3.73	4.84	4.81	3.4		
	PLACE3000320	1.02	3.65	1.8	2.54	2.37	2.32		
35	PLACE3000322	1.31	4.23	6.63	7.5	7.8	6.09		
	PLACE3000330	24.05	24.44	41.08	31.87	35.83	29.17		
	PLACE3000331	1.21	5.86	4.14	4.34	5.7	4.31		
40	PLACE3000336	2.61	6.99	4.42	4.24	5.72	5.11		
	PLACE3000339	7.36	5.1	11.41	16.25	18.28	17.37	**	+
	PLACE3000341	1.65	1.32	2.41	4.08	4.35	3.65	**	+
	PLACE3000350	5.88	6.4	12.86	15.45	18.5	15.41	*	+
45	PLACE3000352	1.54	3.88	2.13	2.37	2.25	1.71		
	PLACE3000353	5.38	9.72	11.8	19.12	22.98	15.5	*	+
	PLACE3000362	0.62	4.92	4.72	3.61	5.33	3.39		
50	PLACE3000363	2.19	5.13	2.32	1.89	3.28	2.07		
	PLACE3000365	1.34	6.11	3.37	3.34	4.05	2.12		
	PLACE3000373	0.89	1.52	3.66	2.93	6.08	2.3		
	PLACE3000374	1.07	1.85	2.91	2.72	2.99	2.15		
55	PLACE3000387	0.31	3.32	1.04	1.24	1.65	1.29		

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	PLACE3000388	1.18	3.22	1.94	2.76	3.49	2.22		
	PLACE3000399	2.12	4.66	6.28	7.42	9.84	6.05		
5	PLACE3000400	3.08	5.44	11.87	7.97	10.77	7.82		
	PLACE3000401	7.52	11.42	18.59	22.61	29.55	23.4	*	+
	PLACE3000402	1.79	3.21	3.4	2.19	1.74	1.79		
	PLACE3000405	3.37	3.74	5.82	5.54	7.22	6.01		
10	PLACE3000406	2.1	2.91	3.11	3.48	3.68	2.42		
	PLACE3000413	1.18	2.72	2.69	1.71	2.06	1.52		
	PLACE3000416	1.05	4.03	4.04	3.43	2.67	2.72		
15	PLACE3000425	1.21	6.27	4.33	3.98	6.36	3.92		
	PLACE3000437	4.79	10.85	29.89	16.69	25.26	19.14		
	PLACE3000455	2.97	8.07	10.62	8.97	10.39	7.91		
	PLACE3000475	16.52	19.2	47.35	40.22	39.77	34.21		
20	PLACE3000477	5.44	4.79	5.56	8.05	5.52	8.42		
	PLACE4000003	0.38	2.97	1.61	3.14	2.33	2.31		
	PLACE4000008	15.19	11.38	16.76	13.05	14.26	8.84		
25	PLACE4000009	1.17	6.19	3.39	3.93	3.37	1.82		
	PLACE4000014	1.31	5.12	1.77	2.16	3.03	2.19		
	PLACE4000029	6.33	8.48	35.37	23.93	32.21	24.25		
	PLACE4000034	2.27	6.24	5.22	6.46	6.52	4.91		
30	PLACE4000049	3.39	3.35	5.21	3.85	5.82	4.86		
	PLACE4000052	1.41	3.36	2.2	2.62	2.64	2.02		
	PLACE4000062	1.6	4.94	5.06	4.25	5.06	3.71		
	PLACE4000063	2.59	6.87	5.19	4.86	4.81	3.73		
35	PLACE4000089	1.52	6.31	3.35	2.81	3.91	2.84		
	PLACE4000093	0.44	5.6	1.61	1.28	1.65	1.98		
	PLACE4000100	2.72	6.13	4.75	4.33	3.62	3.94		
40	PLACE4000103	0.63	4.48	5.64	4.4	5.67	2.9		
	PLACE4000106	3.2	5.33	6.63	7.1	5.13	7.21		
	PLACE4000128	1.93	3.97	4.88	4.15	4.96	4.4		
	PLACE4000129	0.74	3.26	1.64	1.57	2.11	1.78		
45	PLACE4000131	7.14	10.85	41.43	32.45	41.08	31.22		
	PLACE4000147	0.34	3.65	0.54	0.45	0.93	0.61		
	PLACE4000156	2.47	6.08	8.06	7.83	13.47	9.07		
	PLACE4000175	0.72	4.08	1.48	0.98	0.91	0.84		
50	PLACE4000190	14.55	18.47	70.34	49.15	74.82	60.76		
	PLACE4000192	1.3	2.27	3.6	2.36	2	1.25		
	PLACE4000206	5.35	6.65	12.44	7.13	7.1	6.02		
55	PLACE4000211	3.34	4.64	22.23	11.68	12.35	13.44		

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	PLACE4000214	0.86	3.61	2.68	2.08	2.53	1.69		
	PLACE4000222	0.93	5.28	4.36	4.13	4.75	3.5		
5	PLACE4000223	0.46	4.51	1.79	1.37	1.22	0.38		
	PLACE4000229	1.9	5.79	2.11	2.81	3.36	3.48		
	PLACE4000230	1.11	5.89	6.51	3.61	6.81	5.15		
	PLACE4000233	1.26	3.02	5.66	2.92	2.98	3.51		
10	PLACE4000239	2.35	3.68	4.17	4.19	3.97	3.35		
	PLACE4000247	0.52	2.37	3.38	2.64	3.1	2.35		
	PLACE4000250	1.18	3.24	2.35	3.33	3.68	2.8		
15	PLACE4000252	1.06	4.99	2.25	1.92	1.75	1.64		
	PLACE4000259	4.42	11.95	18.1	14.47	22.09	14.02		
	PLACE4000261	0.87	10.29	1.07	2.03	1.9	1.12		
	PLACE4000264	15.86	24.96	36.9	11.96	21.82	22.51		
20	PLACE4000269	3.48	3.71	7.95	4.62	4.55	2.85		
	PLACE4000270	0.43	1.42	1.87	1.75	1.83	0.59		
	PLACE4000281	17.84	20.97	44.05	32.93	28.37	28.87		
25	PLACE4000300	0.67	2.06	2.04	3.21	2.88	3.58	*	+
	PLACE4000320	1.33	5.86	3.1	2.84	5.32	3.21		
	PLACE4000323	1.63	7.43	5.13	4.03	4.65	4.82		
	PLACE4000326	1.8	10.98	5.67	5.72	8.73	5.59		
30	PLACE4000344	0.22	5.75	2.62	1.66	1.6	1.18		
	PLACE4000347	4.7	3.82	13.93	16.83	16.75	17.36	*	+
	PLACE4000354	3.18	6.29	10.68	5.17	2.81	2.79		
	PLACE4000367	0.79	2.97	1.71	0.87	1.3	1.38		
35	PLACE4000369	1.35	3.97	2.36	1.99	1.96	0.82		
	PLACE4000379	2.44	6.66	5.44	5.94	7.55	5.07		
	PLACE4000387	0.88	5.86	2.11	1.28	0.84	1.12		
40	PLACE4000392	0.42	5.58	1.32	1.81	1.02	1.63		
	PLACE4000399	10.99	17.08	75.17	59.11	80.22	58		
	PLACE4000401	0.72	0.7	1.53	1.17	0.83	1.4		
	PLACE4000403	3.15	4.13	8.51	5.29	6.38	5.87		
45	PLACE4000411	2.22	2.28	4	2.27	2.6	1.82		
	PLACE4000415	0.7	3.55	2.8	1.16	1.86	0.78		
	PLACE4000416	25.49	29.13	33.54	23.65	21.92	24.83		
50	PLACE4000424	1.61	5.59	3.33	3.27	3.92	2.51		
	PLACE4000431	3.89	7.39	21.01	17.68	28.21	16.79		
	PLACE4000443	0.07	4.33	2.15	1.52	2.83	1.14		
	PLACE4000445	3.94	5.43	9.98	7.62	6.99	6.27		
55	PLACE4000450	2.99	3.65	23.28	15.51	24.53	16.04		

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	PLACE4000455	5.18	7.39	9.55	8	7.21	4.63		
	PLACE4000465	1.39	4.34	3.26	4.15	6.07	4.34		
5	PLACE4000466	120.96	98.04	201.25	113.83	170.96	145.31		
	PLACE4000472	3.12	9.6	10.17	10.92	13.21	9.22		
	PLACE4000487	3.18	7.83	16.5	14.66	16.62	15.05		
	PLACE4000489	0.93	4.69	3.41	1.95	3.88	1.69		
10	PLACE4000494	1.15	1.6	4.07	2.74	3.1	2.08		
	PLACE4000502	6.3	5.39	10.92	11.65	15.08	6.37		
	PLACE4000521	2.5	3.44	16.06	12.78	20.63	11.2		
15	PLACE4000522	5.07	6.17	9.07	12.43	8.68	14.11		
	PLACE4000537	0.98	4.28	1.27	1.67	1.61	1.22		
	PLACE4000548	1.99	5.69	2.46	3.04	3.68	2.32		
	PLACE4000558	0.87	6.72	1.97	3.15	2.41	2.15		
20	PLACE4000581	2.1	7.22	7.04	3.9	5.96	5.44		
	PLACE4000590	0.4	0.61	0.15	0.4	0.81	-0.25		
	PLACE4000593	2.94	2.98	5.22	4.44	5.82	3.83		
25	PLACE4000612	0.68	3.33	3.33	1.5	3.02	2.74		
	PLACE4000638	1.25	4.24	0.84	1.2	1.44	1.58		
	PLACE4000650	0.82	4.67	1.02	1.43	1.11	1.16		
	PLACE4000651	2.42	6.4	7.48	5	7.01	6.07		
30	PLACE4000654	0.98	5.7	2.47	1.35	2.48	1.47		
	PLACE4000670	0.5	4.06	2.92	0.76	1.29	0.67		
	PLACE4000685	6.35	8.68	13.83	13.46	14.26	13.77		
	PLACE4000687	0.37	3.02	1.11	2.2	1.4	1.12		
35	PLACE5000003	1.1	2.74	3.31	3.21	3.55	3.07		
	PLACE5000005	12.43	16.53	27.36	24.54	24.57	24.76		
	PLACE5000019	0.4	4.15	1.13	0.59	1.89	0.79		
40	PLACE5000021	0.74	4.59	1.61	0.39	0.93	0.32		
	PLACE5000022	1.2	6.11	2.25	3.17	2.76	2.09		
	PLACE5000024	1.77	2.58	2.27	2.92	3.39	3.84	*	+
	PLACE5000036	1.81	3.24	3.11	2.41	3.19	2.84		
45	PLACE5000059	14.41	17.79	26.55	25.98	30.03	34.87		
	PLACE5000076	1.41	3.61	2.22	4.04	3.96	2.54		
	PLACE5000117	7.44	12.48	15.66	16.87	18.78	20.64		
50	PLACE5000143	0.85	6.45	2.11	1.67	2.85	2.73		
	PLACE5000152	0.42	4.49	1.23	1.61	1.95	1.57		
	PLACE5000154	18.23	23.5	45.06	21.81	25.65	31.8		
	PLACE5000155	3.35	2.81	5.51	3.94	2.78	4.87		
55	PLACE5000165	3.78	4.4	6.67	4.51	5.99	5.82		

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	SKNMC1000004	9.7	11.62	16.77	10.19	12.16	13.96		
	SKNMC1000011	1.82	8.58	4.12	5.89	3.95	6.77		
5	SKNMC1000013	0.51	6.69	1.13	1.21	2.14	1.44		
	SKNMC1000014	1.28	4.18	3.22	3.77	6.37	3.96		
	SKNMC1000018	3.42	5.19	5.25	5.51	5.68	3.44		
	SKNMC1000020	0.95	4.03	3.46	3.6	4.68	4.56		
10	SKNMC1000046	2	3.17	3.48	3.95	3.26	2.55		
	SKNMC1000050	4.99	8.04	10.32	5.4	6.28	6.12		
	SKNMC1000062	9.79	12.6	20.18	19.2	15.42	18.73		
15	SKNMC1000075	1.45	4.3	2.01	1.98	1.89	2.92		
	SKNMC1000082	1.12	4.39	2.13	1.85	1.78	2.39		
	SKNMC1000091	4.54	7.52	7.95	11.74	12.86	12.77	**	+
	SKNMC1000099	0.33	4.29	1.98	1.32	0.65	1.18		
20	SKNMC1000104	1.13	4.24	3.45	1.47	3.14	2.43		
	SKNMC1000113	0.97	1.83	1.2	1.74	2.63	0.89		
	SKNMC1000119	1.73	2.64	5.07	4.48	5.34	4.67		
25	SKNMC1000142	0.04	2.87	0.99	1.27	0.75	1		
	SKNMC1000170	0.91	4.75	2.34	1.71	1.49	1.11		
	SKNMC1000178	3.02	8.39	7.08	5.77	9.65	9.02		
	SKNMC1000194	0.63	9.82	1.51	0.61	1.73	1.3		
30	SKNMC1000198	1.35	11.01	3.33	2.65	2.1	2.88		
	SKNMC1000225	1.35	6.44	2.97	2.39	3.4	3.26		
	SKNMC1000249	0.49	2.14	0.75	0.57	0.51	0.52		
35	SPLEN1000007	0.74	2.15	2.11	1.7	2.26	1.99		
	SPLEN1000012	0.39	1.9	1.72	1.19	0.8	0.84		
	SPLEN1000014	1.78	4.4	4.9	5.75	4.33	3.99		
	SPLEN1000036	4.95	11.64	24.32	20.56	27.73	21.68		
40	SPLEN1000059	0.04	6.69	1.06	0.91	1.79	1.47		
	SPLEN1000068	1.68	10.81	5.71	5.79	5.17	5.64		
	SPLEN1000072	1	8.5	4.7	2.82	3	2.21		
	SPLEN1000101	20.01	18.4	45.64	29.93	25.24	12.63		
45	SPLEN1000108	0.56	1.54	0.98	0.75	1.11	0.76		
	SPLEN1000113	1.33	2.27	3.04	2.72	4.13	3.04		
	SPLEN1000114	2.97	4.19	6.03	3.59	4.76	6.32		
50	SPLEN1000132	0.85	4	1.72	2.25	2.67	1.99		
	SPLEN1000135	3.13	8.76	14.93	11.12	15.28	10.52		
	SPLEN1000136	12.41	21.47	15.14	20.24	27.48	21.8		
	SPLEN1000141	2.26	7.07	10.79	4.03	5.41	4.51		
55	SPLEN1000164	2.49	3.79	8.58	3.98	5.88	7.61		

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	SPLEN1000166	0.4	2.9	2.96	1.67	1.19	1.68		
	SPLEN1000175	2.16	4.48	6.1	5.65	4.12	4.15		
5	SPLEN1000182	0.98	2.66	-0.23	0.83	0.6	0.67		
	SPLEN1000185	3.41	8.49	8.54	11.38	10.43	11.95		
	THYMU1000004	10.22	14.07	20.43	22.34	22.76	23.6		
	THYMU1000009	9.48	10.13	14.9	13.48	23.86	22.1		
10	THYMU1000015	8.87	10.42	16.18	19.25	22.21	20.8	*	+
	THYMU1000016	6.24	5.96	13.03	10.3	8.45	9.38		
	THYMU1000023	0.77	1.86	3.6	5.22	3.68	3.6		
15	THYMU1000034	0.16	1.77	1.8	0.79	0.88	0.14		
	THYMU1000035	0.62	2.8	0.97	1.17	0.95	1.31		
	THYMU1000037	1.53	4.15	2.11	2.06	2.81	1.45		
	THYMU1000042	5.97	10.24	12.23	12.03	13.98	13.28		
20	THYMU1000047	2.72	6.03	6.72	6.04	7.77	7.23		
	THYMU1000080	0.56	4.31	2.6	3.26	1.85	2.11		
	THYMU1000094	2.77	3.47	7.91	9.17	8.35	4.55		
25	THYMU1000109	17.28	14.34	111.37	98.05	142.29	93.04		
	THYMU1000127	2.75	5.95	10.76	8.18	9.98	6.74		
	THYMU1000130	2.5	4.4	4.55	6.69	6.07	4.94		
	THYMU1000137	3.53	7.18	10.26	12.67	18.55	13.05	*	+
30	THYMU1000146	4.37	8.38	6.52	8.29	7.46	7.74		
	THYMU1000159	5.43	9.51	16.37	12.4	15.15	13.27		
	THYMU1000163	5.85	12.26	37.58	45.53	58.37	36.93		
35	THYMU1000167	2.39	3.02	4.73	4.89	6.79	3.97		
	THYMU1000186	0.69	1.05	1.45	1.31	2.45	0.66		
	THYRO1000017	0.94	3.45	2.54	2.02	3.54	2.11		
	THYRO1000026	1.56	5.63	4.02	3.96	4.82	3.36		
40	THYRO1000034	0.49	4.16	1.59	1.99	2	1.82		
	THYRO1000035	0.86	4.84	1.34	2.29	2.48	2.11		
	THYRO1000036	0.93	8.32	4	3.08	4.36	5.59		
	THYRO1000040	2.58	7.02	4.76	4.66	4.83	4.93		
45	THYRO1000061	2.01	1.91	3.07	3.53	3.8	2.61		
	THYRO1000067	1.98	2.8	5.12	3.37	4.14	3.3		
	THYRO1000070	1.26	2.09	3.59	2.65	3.85	3.45		
	THYRO1000072	1.33	3.37	4.22	2.54	4.08	2.06		
50	THYRO1000084	8.07	12.69	22.39	2.99	5.61	4.42		
	THYRO1000085	1.44	5.66	3.99	2.42	3.86	2.85		
	THYRO1000086	-0.05	5.46	1.74	0.89	1.18	1.15		
55	THYRO1000087	0.72	3.86	1.01	0	0.58	0.17		

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	THYRO1000092	2.32	5.1	4.66	3.75	4.43	4.5		
	THYRO1000093	0.35	3.24	0.83	1.54	1.27	0.95		
5	THYRO1000099	0.45	2.53	2.73	2.8	1.67	2.39		
	THYRO1000107	0.5	2.95	2.7	2.86	3.22	2		
	THYRO1000111	0.85	4.58	1.78	1.4	2.06	2.36		
10	THYRO1000121	1.33	5.72	2.52	1.94	2.4	2.95		
	THYRO1000124	0.27	5.55	0.64	0.86	0.89	0.64		
	THYRO1000129	0.36	2.1	0.11	0.94	1.11	0.92		
	THYRO1000130	1.82	3.11	3.13	3.85	3.01	2.39		
15	THYRO1000132	2.4	3.62	9.43	11.14	6.99	6.26		
	THYRO1000134	1.5	4.07	3.22	4.06	3.65	3.73		
	THYRO1000144	1.72	4.78	3.15	7.87	7.09	2.33		
	THYRO1000155	1.6	4.1	1.45	1.77	1.9	2.23		
20	THYRO1000156	1.13	6.53	3.62	2.45	4.29	2.58		
	THYRO1000163	3.62	8.42	5.28	4.76	6.63	2.24		
	THYRO1000173	1.19	4.45	2.26	3.33	1.36	2.75		
25	THYRO1000186	1.98	3.24	7.86	6.91	6.84	6.35		
	THYRO1000187	2.7	3.58	5.3	4.92	6.24	5.22		
	THYRO1000190	1.12	3.32	2.94	3.73	4.55	2.71		
	THYRO1000196	0.3	5.28	0.81	0.66	1.21	0.52		
30	THYRO1000197	2.05	7.28	4.69	4.08	6.24	3.89		
	THYRO1000199	0.76	6.28	4.13	1.93	2.08	1.98		
	THYRO1000206	8.47	6.92	9.25	8.44	11.6	7.5		
35	THYRO1000221	1.9	3.17	4.42	4.02	5.87	4.54		
	THYRO1000222	3.65	4.26	4.23	4.68	4.96	4.93	*	+
	THYRO1000228	0.81	3.67	2.85	2.24	3.04	2.94		
	THYRO1000241	1.76	3.7	6.29	4.62	5.54	4.01		
40	THYRO1000242	0.63	4.16	4.46	2.49	2.56	2.62		
	THYRO1000246	1.61	5.5	3.9	3.43	4.7	3.91		
	THYRO1000253	1.07	4.05	1.73	1.99	3.35	2.31		
45	THYRO1000270	1.15	5.12	1.39	1.22	2.5	1.26		
	THYRO1000279	0.42	2.84	0.25	0.65	1.01	0.58		
	THYRO1000285	2.75	4.65	7.31	7.03	7.75	4.88		
	THYRO1000288	7.76	7.59	11.77	5.68	5.07	7.22		
50	THYRO1000296	4.18	6.04	6.22	7.4	11.24	8.96	*	+
	THYRO1000320	1.54	5.83	4.97	3.65	4.45	3.34		
	THYRO1000322	1.1	5.48	2.48	1.76	3.93	1.76		
	THYRO1000327	1.75	7.69	4.77	6.21	5.23	4.41		
55	THYRO1000343	2.5	6.12	5.35	5.06	5.04	6.13		

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	THYR01000345	1.36	7.34	11.92	7.82	5.84	9.49		
	THYR01000358	1.82	3.39	3.08	1.92	2.32	1.54		
5	THYR01000368	0.76	2.39	-2.73	1.43	2.82	0.58		
	THYR01000375	3.2	7.03	4.79	7.38	6.09	9.77		
	THYR01000381	0.92	2.88	2.19	3.87	3.11	2.74		
	THYR01000387	0.98	6.66	3.22	2.53	3.56	2.51		
10	THYR01000394	1.31	9.88	4.59	4.29	5.19	2.61		
	THYR01000395	0.8	10.44	2.26	1.97	2.07	2.02		
	THYR01000400	0.57	8.1	2.82	2.35	2.96	2.52		
	THYR01000401	0.86	1.94	2.5	1.87	1.16	1.57		
15	THYR01000407	1.97	2.3	1.36	1.37	1.58	0.55		
	THYR01000420	1.8	2.67	4.46	3.52	3.53	3.39		
	THYR01000438	1.78	4.37	3.26	2.94	3.33	3.15		
20	THYR01000452	2.62	7.99	6.45	3.71	5.75	4.38		
	THYR01000455	0.32	6.67	2.31	0.25	0.97	0.87		
	THYR01000471	0.99	8.03	2.05	1.11	2.08	1.02		
	THYR01000481	1.33	6.23	4.68	3.79	3.45	4.55		
25	THYR01000484	1.2	1.42	2.41	2.35	3	2.21		
	THYR01000488	1.18	2.64	2.44	1.49	2.02	1.7		
	THYR01000501	1.12	4.01	2.78	3	1.92	1.82		
30	THYR01000502	0.34	3.7	1.69	1.79	1.44	1.2		
	THYR01000505	0.13	4.64	1.19	1.14	1.02	0.6		
	THYR01000535	11.1	20.54	39.24	54.13	69.59	62.96	*	+
	THYR01000556	1.89	6.36	4.13	3.77	5.17	3.69		
35	THYR01000558	0.25	2.82	1.12	1.16	0.81	0.61		
	THYR01000569	2.88	4.12	6.05	5.78	4.46	4.88		
	THYR01000570	2.31	3.28	8.46	8.53	6.04	3.49		
40	THYR01000572	0.43	2.04	1.11	0.17	0.97	-0.42		
	THYR01000573	0.69	4.02	1.73	2.02	2.2	1.78		
	THYR01000577	1.06	5	1.34	0.96	1.22	0.71		
	THYR01000580	0.79	3.72	3.01	2.82	2.2	1.79		
45	THYR01000584	2.18	6.88	8.8	7.57	6.61	7.58		
	THYR01000585	4.83	9.37	9.83	5.76	6.27	9.52		
	THYR01000596	0.22	0.93	1.19	0.44	1.36	0.21		
	THYR01000602	2.08	2.95	4.01	4.05	4.65	4.97		
50	THYR01000605	0.37	3.01	0.98	2.13	2.14	1.56		
	THYR01000615	1.02	3.62	1.24	1.55	1.36	1.29		
	THYR01000625	0.71	5.48	2.28	2.46	2.9	1.78		
55	THYR01000636	3.67	5.65	6.9	6.53	7.84	6.67		

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	THYR01000637	0.91	3.96	1.71	1.18	2.03	1.54
	THYR01000641	0.38	4.19	2.49	1.36	1.67	1.64
5	THYR01000657	2.99	3.69	-5.42	7.67	12.28	3.86
	THYR01000658	2.68	3.62	5.39	5.4	5.55	6.09
	THYR01000662	1.1	3.19	2.09	2.42	2.69	1.66
10	THYR01000666	0.57	3.19	2.28	1.63	1.48	1.43
	THYR01000676	1.37	4.53	2.01	1.75	1.83	1.56
	THYR01000678	0.52	5.86	0.99	1.29	1.4	0.53
	THYR01000684	0.95	4.98	2.94	1.92	2.65	1.47
15	THYR01000694	2.08	6.64	4.65	2.8	2.48	3.59
	THYR01000699	2.98	2.14	5.55	4.86	7.08	7.12
	THYR01000712	1.88	4.25	5.9	6.25	6.75	7.78
	THYR01000715	5.74	5.67	27.37	21.74	28.63	16.99
20	THYR01000716	0.92	3.26	3.2	1.88	1.78	1.35
	THYR01000717	1.58	5	4.36	2.98	4.63	1.91
	THYR01000723	0.6	4.54	1.6	0.55	1.06	0.85
25	THYR01000734	-0.01	4.81	1.89	1.49	1.73	1.07
	THYR01000748	0.98	5.51	5.23	2.35	3.85	3.18
	THYR01000755	1.74	3.26	4.32	4.33	3.47	4.38
	THYR01000756	2.79	4.24	3.24	3.46	4.2	3.41
30	THYR01000776	0.48	2.17	3.02	3.36	3.99	3.34
	THYR01000777	1.81	3.39	4.54	4.99	2.05	2.37
	THYR01000779	1.45	3.55	0.88	0.18	1.01	-0.26
35	THYR01000782	3.92	10.13	12.52	10.76	15.05	14.05
	THYR01000783	0.12	5.51	1.2	1.11	1.41	0.92
	THYR01000786	6.65	9.54	19.71	15.74	7.92	13.7
	THYR01000787	0.23	1.88	1.67	1.31	1.54	0.78
40	THYR01000792	1.51	3.13	2.29	3.09	3.13	2.11
	THYR01000793	0.11	3.13	0.84	1.51	1.86	1.16
	THYR01000795	1.23	6.03	3.54	2.76	3.1	3.05
	THYR01000796	0.6	7.73	2.44	2.26	2.95	1.66
45	THYR01000798	1.89	5.82	2.51	2.59	3.57	3.53
	THYR01000800	9.26	17.2	24.74	17.74	20.68	21.06
	THYR01000805	0.49	3.04	1.08	0.72	2.66	1.38
50	THYR01000815	2.54	3.49	9.48	7.61	5.47	7.87
	THYR01000829	5.55	7.83	10.57	3.78	8.32	10.01
	THYR01000835	0.96	3.2	1.93	1.07	2.36	1.8
	THYR01000843	1.09	11.48	3.56	3.69	4.41	3.62
55	THYR01000846	0.76	5.71	1.32	2.67	1.62	1.26

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	THYRO1000852	1.59	6.02	5.63	2.8	4.7	3.32		
	THYRO1000855	3.14	5.02	6.63	9.03	15.1	10.07	*	+
5	THYRO1000865	1.86	4.3	11.97	10.01	11.47	8.95		
	THYRO1000866	7.47	6.29	12.66	4.49	7.87	6.01		
	THYRO1000881	5.62	7.3	10.93	15.65	26.64	29.58	*	+
	THYRO1000894	0.33	3.95	1.36	1.75	1.48	1		
10	THYRO1000895	0.58	4.43	1.42	1.62	1.46	0.82		
	THYRO1000916	1.22	5.49	3.43	2.43	3.13	2.29		
	THYRO1000917	16.19	25.26	34.11	30.37	37.42	35.89		
15	THYRO1000926	0.78	3.13	1.27	1.76	1.57	0.82		
	THYRO1000934	0.08	3.1	1.34	0.43	1.38	1.46		
	THYRO1000951	0.52	2.46	1.26	2.33	2.11	1.9		
	THYRO1000952	2.25	3.81	6.01	2.38	2.53	2.24		
20	THYRO1000956	0.06	2.55	1.81	1.16	1.5	0.87		
	THYRO1000960	0.5	6.72	2.89	1.85	2.79	1.48		
	THYRO1000961	1.67	7.77	3.56	4.73	5.26	4.64		
25	THYRO1000964	0.42	11.59	0.76	1	1.27	1.06		
	THYRO1000971	1.82	9.9	3.56	3.29	3.33	2.19		
	THYRO1000974	2.87	8.83	7.53	9.87	11.79	8.71		
	THYRO1000975	1.5	2.19	3.8	4.02	3.68	3.68		
30	THYRO1000983	6.42	8.31	11.63	12.67	8.49	7.12		
	THYRO1000984	2.4	2.83	3.03	3.29	2.98	3.26		
	THYRO1000988	1.36	4.14	3.23	3.48	3.68	2.67		
	THYRO1000991	1.22	4.71	2.05	1.76	2.22	3.2		
35	THYRO1000999	0.87	9.64	3.26	1.96	3.14	2.26		
	THYRO1001003	2.97	8.43	4.42	3.1	4.52	3.56		
	THYRO1001015	0.6	6.29	2.04	2.22	1.79	1.66		
40	THYRO1001016	1.73	2.26	3.34	2.06	1.85	1.24		
	THYRO1001022	0.9	1.86	0.86	1.68	1.25	1.41		
	THYRO1001031	4.65	3.97	4.55	5.03	7.03	6.16		
	THYRO1001033	1.18	3.34	2.46	2.86	3.45	2.02		
45	THYRO1001062	1.21	5.4	4.14	2.9	4.31	2.62		
	THYRO1001063	0.5	8.74	2.38	2.37	2.09	2.84		
	THYRO1001071	0.12	7.45	0.88	1.33	0.68	0.76		
50	THYRO1001080	2.56	6.75	5.11	4.96	4.31	4.78		
	THYRO1001093	0.77	1.63	3.24	5.11	1.74	1.5		
	THYRO1001100	0.52	1.89	2.05	1.89	1.21	0.78		
	THYRO1001102	2.61	3.6	5.7	4.4	4.95	6.93		
55	THYRO1001104	3.67	6.54	6.55	8.77	8.01	11.18		

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	THYRO1001109	1.81	6.02	2.68	3.06	2.58	1.99		
	THYRO1001113	11.41	17.42	32	21.81	26.65	18.72		
5	THYRO1001120	1.65	6.22	-5.27	4.78	5.8	3.72		
	THYRO1001121	1.57	4.28	4.19	3.92	2.72	3		
	THYRO1001128	1.64	2.77	5.86	3.52	3.19	5.09		
	THYRO1001133	1.14	3.02	7.23	6.54	4.54	4.12		
10	THYRO1001134	2.97	4.78	1.63	3.14	2.83	1.38		
	THYRO1001142	0.3	2.69	0.63	1.3	1.71	0.22		
	THYRO1001173	8.37	12.87	7.72	11.14	9.92	10.62		
15	THYRO1001175	3.26	6.63	5.51	3.46	4.62	3.52		
	THYRO1001177	1.36	5.85	5.93	4.66	7.27	7.97		
	THYRO1001189	2.74	6.93	11.42	7.84	7.27	9.94		
	THYRO1001194	1.05	2.62	4.96	4.89	4.57	2.31		
20	THYRO1001204	2.17	3.58	4.27	4.03	4.74	4		
	THYRO1001205	5.76	10.65	20.23	18.54	19.57	20.9		
	THYRO1001213	1.21	4.69	4.44	3.12	3.21	2.33		
25	THYRO1001224	3.59	8.25	6.37	9.92	12.69	10.55	*	+
	THYRO1001237	2.82	6.25	4.99	3.61	4.53	4.46		
	THYRO1001242	9.74	11.65	19.04	20.02	19.98	20.46		
	THYRO1001258	2.08	5.45	3.58	3.33	2.05	2.66		
30	THYRO1001262	0.86	2.64	3.38	2.36	3.61	2.69		
	THYRO1001266	0.15	2.39	1.02	0.97	1.64	0.66		
	THYRO1001271	1.85	4.12	4.12	2.46	2.77	2.97		
	THYRO1001287	7.3	8.3	39.26	30.14	43.68	26.2		
35	THYRO1001290	0.38	3.25	1.14	1.15	1.35	0.36		
	THYRO1001291	0.96	7.17	4.38	4.31	4.97	3.5		
	THYRO1001297	3.05	8.04	6.14	6.85	7.47	9.18		
40	THYRO1001302	1.72	5.59	5.17	3.8	3.71	3.5		
	THYRO1001313	1.61	2.33	2.91	2.91	2.62	1.48		
	THYRO1001320	1.76	2.52	5.31	5.07	5.74	4.83		
	THYRO1001321	2.25	2.65	4.3	2.48	4.23	4.23		
45	THYRO1001322	1.34	3.93	3.34	1.75	2.67	2.01		
	THYRO1001327	1.29	6.01	4.18	1.4	3.89	2.49		
	THYRO1001336	1.89	6.84	6.72	4.62	4.43	4.18		
50	THYRO1001347	0.43	4.12	3.35	1.85	2.81	0.65		
	THYRO1001358	2.57	5.74	4.52	4.3	5.75	5.1		
	THYRO1001363	0.8	2.15	1.52	2.09	2.24	2.28		
	THYRO1001365	0.86	3	1.6	2.19	2.6	1.96		
55	THYRO1001374	1.85	4.45	12.86	9.4	13.01	6.21		

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	THYR01001401	1.76	5.33	4.89	5.39	7.86	6.29		
	THYR01001403	1.26	5.15	3.22	3.22	4.42	3.94		
5	THYR01001405	6.99	12.5	10.86	6.69	8.56	10.63		
	THYR01001406	15.73	14.87	27.69	21.36	22.77	21.36		
	THYR01001411	4.49	5.46	10.08	8.93	12.44	8.12		
	THYR01001420	11.55	15.25	47.52	42.01	44.49	49.87		
10	THYR01001426	3.42	5.56	8.83	9.32	12.77	11.18		
	THYR01001430	6.97	6.54	10.84	11.13	11.7	13.81		
	THYR01001434	0.68	5.19	2.11	2.08	4.23	1.73		
15	THYR01001456	1.74	6.05	2.63	2.89	2.66	2.4		
	THYR01001457	1.71	4.72	2.04	2.95	4.7	2.67		
	THYR01001458	0.95	5.44	6.11	6.13	9.17	7.23		
	THYR01001459	4.54	5.07	9.42	7.18	9.87	14.21		
20	THYR01001471	0.91	2.07	1.93	2.36	2.91	1.64		
	THYR01001478	0.58	3.09	1.34	0.95	2.61	2.75		
	THYR01001480	5.4	10.53	13.62	14.79	15.94	15.57		
	THYR01001481	2.95	8.64	7.24	4.91	7.76	7.13		
25	THYR01001487	1.36	5.51	3.52	4.1	2.67	3.48		
	THYR01001495	2.06	5.57	5.43	5.06	9.4	7.55		
	THYR01001498	5.39	8.08	13.42	11.59	16.38	19.6		
30	THYR01001510	1.67	2.88	1.59	1.65	2.57	3.35		
	THYR01001512	26.7	26.97	110.28	56.03	90.95	68.54		
	THYR01001519	5.92	7.77	11.05	8.91	5.75	10.38		
	THYR01001522	2.02	4.7	5.79	4.15	4.69	5.51		
35	THYR01001523	1.83	4.92	3.73	4.38	4.07	4.26		
	THYR01001526	26.21	28.22	44.73	34.28	47.64	46.52		
	THYR01001529	1.64	5.27	2.8	2.32	2.42	2.98		
40	THYR01001534	1.41	4.01	4.96	5.1	5.9	4.54		
	THYR01001537	7.4	5.17	12.33	5.97	7.42	7.23		
	THYR01001541	2.14	3.88	8.27	7.76	8.7	6.73		
	THYR01001545	1.26	3.84	2.9	4.95	3.57	3.16		
45	THYR01001559	4.52	6.34	8.04	9.06	10.5	10.54	*	+
	THYR01001563	9.49	14.06	15.89	10	15.49	22.09		
	THYR01001570	2.01	8.2	3.85	4.25	5.17	3.41		
50	THYR01001573	1.15	5.77	2.22	1.47	2.87	2.67		
	THYR01001584	2.47	8.54	8.38	5.14	7.81	7.29		
	THYR01001593	4.27	5.67	11.17	9.5	10.93	9.52		
	THYR01001595	3.14	4.53	7.06	5.97	6.35	7.29		
55	THYR01001596	4.71	5.48	7.44	6.45	5.86	2.51		

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	THYR01001602	1.49	3.26	3.52	4.95	5.22	3.41		
	THYR01001605	1.58	4.48	3.22	3.2	3.43	2.42		
5	THYR01001608	1.87	9.45	5.1	5.04	8.23	4.7		
	THYR01001617	6.06	13.68	11.47	9.75	10.87	9.61		
	THYR01001634	1.87	9.08	3.46	2.93	5.59	2.05		
	THYR01001637	3.51	3.13	9.65	8.72	7.94	9.07		
10	THYR01001641	2.57	3.73	5.09	4.03	3.08	2.94		
	THYR01001656	1.59	2.94	4.16	2.82	5.36	2.33		
	THYR01001658	22.34	29.19	40.11	34.98	33.16	42.01		
15	THYR01001661	1.4	5.83	2.31	2.93	3.31	2.05		
	THYR01001671	0.67	7.36	2.68	1.89	1.34	1.8		
	THYR01001672	1.1	9.24	2.1	1.14	1.52	1.66		
	THYR01001673	1.59	7.6	3.49	2.86	4.74	2.16		
20	THYR01001677	1.6	2.27	3.87	3.03	3.54	3.36		
	THYR01001683	12.71	17.66	29.06	24.4	15.4	16.72		
	THYR01001700	1.39	2.52	2.67	2.09	1.58	1.37		
25	THYR01001702	11.83	15.98	16.19	15.63	14.35	14.29		
	THYR01001703	1.63	6.74	4.25	4.72	3.27	4.21		
	THYR01001706	1.7	6.47	3.01	2.96	5.6	3.53		
	THYR01001721	1.84	5.66	3.2	2.73	6.37	2.77		
30	THYR01001725	5.3	6.55	9.69	8.97	8.65	8.29		
	THYR01001730	17.72	20.4	40.1	30.61	26.56	34.8		
	THYR01001738	1.35	3.18	4.65	3.52	2.82	1.78		
	THYR01001743	0.19	2.13	1.85	1.8	1.64	1.06		
35	THYR01001745	0.47	2.88	1.55	1.05	1.2	1.27		
	THYR01001746	1.9	6.25	4.04	6.12	4.01	3.88		
	THYR01001770	15.49	20.38	35.39	41.65	44.42	40.17	*	+
40	THYR01001772	1.12	4.88	3.64	4.78	4.24	3.06		
	THYR01001778	3.89	6.68	9.89	14.67	13.47	14.25	*	+
	THYR01001793	3.85	3.77	9.43	10.3	10.42	4.92		
	THYR01001796	1.35	2.28	2.28	3.45	4.22	3.24	*	+
45	THYR01001800	1.82	2.99	2.75	4.17	5.12	2.09		
	THYR01001803	3.42	6.03	5.21	4.31	4.14	3.42		
	THYR01001809	1.6	4.26	3.4	5.9	4.23	3.39		
50	THYR01001817	8.69	18.33	24.88	22.11	22.77	25.27		
	THYR01001819	4.68	8.46	9.01	7.84	10.46	6.77		
	THYR01001828	21.89	24.53	104.32	106.68	121.95	68.55		
	THYR01001854	6.67	6.12	12.45	13.43	15.86	13.31		
55	THYR01001895	0.85	1.31	2.52	3.54	4.31	1.28		

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	THYRO1001907	2.16	3.08	3.37	3.9	4.53	2.74		
	TRACH1000006	2.51	5.87	6.63	4.34	3.46	3.22		
5	TRACH1000013	1.53	4.65	3.68	2.55	3.33	2.65		
	TRACH1000074	2.65	6.75	6.09	7.5	7.26	4.77		
	TRACH1000095	0.28	5.66	2.23	2.46	1.48	1.11		
	TRACH1000102	2.42	6.66	4.09	5.79	5.04	3.65		
10	TRACH1000108	1.1	1.01	2.05	1.75	2.49	1.09		
	TRACH1000126	0.96	1.75	2.71	1.82	3.79	2.54		
	TRACH1000146	1.3	2.67	2.31	3.02	5.18	3.75		
15	TRACH1000160	0.61	4.06	1.5	1.47	1.76	0.72		
	TRACH1000184	4.45	7.16	10.16	7.47	8.73	5.69		
	VESEN1000004	0.69	5.55	3.19	2.56	2.95	2.02		
	VESEN1000007	0.93	5.32	2.94	2.38	3.45	2.94		
20	VESEN1000013	5.96	10.11	16.78	10.76	11.25	13.88		
	VESEN1000028	5.2	7.5	9.88	13.18	11.71	14.08	*	+
	VESEN1000059	1.55	2.88	2.1	3.38	2.82	2.27		
25	VESEN1000100	1.96	3.22	3.35	3.49	4.58	3.59		
	VESEN1000107	0.88	4.84	2.88	3.12	2.9	2.48		
	VESEN1000117	1.63	6.43	2.46	2.16	2.7	1.79		
	VESEN1000122	1.52	5.34	1.24	4.79	4.51	4.5		
30	VESEN1000137	0.76	5.47	1.92	1.75	3.33	1.65		
	VESEN1000195	7.79	7.93	11.67	8.42	7.51	10.27		
	VESEN1000215	1.48	3.03	2.06	2.67	3.84	1.87		
35	VESEN1000279	8.71	11.32	18.49	22.93	23.38	34.68	*	+
	VESEN1000363	3.52	6.07	9.99	7.2	9.06	4.59		
	VESEN1000388	2.55	6.48	3.31	4.17	3.75	6.7		
	VESEN1000394	0.44	7.11	2.33	2.37	2.55	2.36		
40	VESEN1000410	1.11	5	1.78	2.36	2.71	3.69		
	VESEN1000411	2.37	4.95	5.08	6.76	7.55	9	*	+
	VESEN1000415	1.54	2.64	4.03	5.57	3.92	5.29		
	VESEN1000440	7	5.53	7.81	3.79	9.4	12.22		
45	VESEN1000452	1.22	3.65	2.33	2.91	3.97	4.11		
	VESEN1000539	191.54	185.28	334.6	389.84	403.89	547.31	*	+
	VESEN1000554	0.67	6.47	1.43	1.47	2.55	1.58		
50	VESEN1000557	4.22	7.94	7.73	6.55	9.07	10		
	VESEN1000575	7.49	9.75	16.33	11.95	11.73	14.8		
	VESEN1000585	1.69	4.49	3.37	2.53	2.93	3.08		
	VESEN1000592	1.58	2.31	1.58	2.02	1.83	1.46		
55	VESEN1000658	1.96	3.56	4.45	5.86	3.91	4.91		

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	VESEN1000669	8.43	10.02	16.35	15.06	14.17	15.51		
	VESEN1000743	0.97	3.3	2.52	1.99	3.37	3.21		
5	VESEN1000752	37.43	51.51	-72.35	49.32	57.03	57.96		
	VESEN1000761	13.48	18.17	19.37	24.6	33.21	31.28	*	+
	VESEN2000039	10.45	15.98	15.56	13.56	18.3	20.1		
	VESEN2000102	0.4	3.99	1.6	1.21	1.51	1.61		
10	VESEN2000164	2.45	3.52	4.8	5.55	4.36	3.66		
	VESEN2000175	0.57	2.64	1.94	3.03	2.05	2.59		
	VESEN2000186	3.77	5.53	6.53	6.68	3.87	2.47		
15	VESEN2000199	8.94	13.26	21.75	19.58	24.45	24.12		
	VESEN2000200	0.5	4.97	2.78	3.03	3.1	1.6		
	VESEN2000204	0.48	12.7	1.02	0.98	1.2	0.33		
	VESEN2000218	6.66	20.26	19.48	21.37	20.75	18.86		
20	VESEN2000230	0.84	7.4	1.45	2.74	1.7	2.41		
	VESEN2000272	2.29	4	8.92	7	8.31	5.88		
	VESEN2000299	1.99	2.97	3.2	3.3	3.77	3.31		
25	VESEN2000323	4.51	8.12	8.37	8.91	9.5	9.36		
	VESEN2000327	3.16	5.8	4.42	3.62	7.66	5.07		
	VESEN2000328	5.44	8.02	11.88	8.73	15.35	14.36		
	VESEN2000330	6.39	15.42	14.7	14.59	27.73	18.86		
30	VESEN2000336	0.82	8.97	2.54	3.46	3.83	2.88		
	VESEN2000354	1.56	8.24	2.48	1.53	2.71	2.1		
	VESEN2000378	7.17	8.87	14.57	13.23	11.14	10.3		
	VESEN2000379	19.87	23.02	44.55	49.13	42.81	32.61		
35	VESEN2000397	0.72	2.38	1.24	1.36	2.06	1.54		
	VESEN2000416	2.83	3.88	4.41	5.74	5.31	5.71	*	+
	VESEN2000420	1.08	3.58	1.94	0.95	1.21	1.13		
40	VESEN2000430	0.51	6.68	1.53	2.06	1.79	1.8		
	VESEN2000448	0.51	6.87	1.73	2.12	2.69	1.5		
	VESEN2000449	2.43	8.07	6.59	8.3	11.31	8.21		
	VESEN2000456	0.74	0.87	2.11	1.54	1.22	0.87		
45	VESEN2000562	4.07	3.42	17.42	13.67	22.82	14.47		
	VESEN2000573	0.18	1.75	1.75	1.04	1.21	1.13		
	VESEN2000604	1.73	3.44	2.24	2.04	1.67	2.15		
50	VESEN2000614	4.16	9.02	14.64	13.54	16.27	12.27		
	VESEN2000638	0.48	5.92	1.98	1.33	1.91	1.68		
	VESEN2000641	0.83	3.69	1.34	1.95	2.21	1.43		
	VESEN2000645	2.18	5.29	5.38	5.91	5.73	5.5		
55	Y79AA1000013	2.57	2.7	4.33	3.45	3.8	3.94		

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	Y79AA1000030	1.79	4.06	4.52	3.24	3.85	2.47		
	Y79AA1000033	2.87	6	8.4	8.37	10.17	5.83		
5	Y79AA1000037	1.38	3.36	5.71	4.84	6.82	4.49		
	Y79AA1000041	1.05	5.16	3.79	4.73	3.65	2.06		
	Y79AA1000059	1.69	5	4.09	3.88	4.51	2.82		
	Y79AA1000065	24.06	28.99	52.25	82.48	101.48	98.73	**	+
10	Y79AA1000081	39.47	49.78	73.62	113.19	114.49	98.22	**	+
	Y79AA1000127	4.08	4.21	5.8	8.42	10.03	7.39	*	+
	Y79AA1000130	2.24	2.48	5.76	6.61	8.1	8.03	*	+
	Y79AA1000131	507.64	569.21	946.04	769.75	725.35	342.07		
15	Y79AA1000134	1.99	4.93	4.21	5.63	4.75	5.38		
	Y79AA1000143	3.58	8.79	4.83	9.98	10.98	11.04	*	+
	Y79AA1000144	4.63	10.79	10.59	11.02	11.62	11		
20	Y79AA1000150	18.39	22.18	84.69	93.5	117.62	78.89		
	Y79AA1000153	183.67	191.4	436.64	423.46	442.52	386.45		
	Y79AA1000166	2.13	2.25	4.15	3.52	4.97	3.6		
25	Y79AA1000179	2.58	3.76	4.2	6.85	7.58	3.89		
	Y79AA1000181	1.96	3.92	4.2	4.82	5.66	3.79		
	Y79AA1000202	22.93	24.47	55.57	91.68	86.86	83.22	**	+
	Y79AA1000207	5.22	7.51	9.82	14.95	16.24	12.62	*	+
30	Y79AA1000214	14.94	22.18	33.76	50.43	60.78	41.96	*	+
	Y79AA1000222	11.8	14.89	21.69	49.21	58.01	68.86	**	+
	Y79AA1000226	11.04	14.94	34.41	22.86	33.54	30.03		
35	Y79AA1000227	5.95	4.52	7.25	8.98	9.51	9.62	*	+
	Y79AA1000230	1.09	1.49	2.02	2.07	2.88	2.59		
	Y79AA1000231	5.99	9.04	15.81	14.63	23.77	17.1		
	Y79AA1000239	15.47	20.55	25.65	18.95	24.01	22.11		
40	Y79AA1000258	2.64	5.17	6.72	5.87	4.95	5.84		
	Y79AA1000268	2.65	5.48	5.09	4.33	5.76	4.01		
	Y79AA1000269	4.32	7.88	7.86	8	6.86	8.24		
	Y79AA1000270	5.28	8.35	11.58	13.17	17.58	16.23	*	+
45	Y79AA1000280	1.74	4.17	4.9	5.29	3.1	5.27		
	Y79AA1000285	3.44	4.21	5.91	4.01	6.86	5.22		
	Y79AA1000295	0.75	3.06	4.85	4.32	4.23	4.45		
50	Y79AA1000307	2.88	3.91	5.06	9.35	7.58	11.25	*	+
	Y79AA1000313	3.11	9.02	9.85	10.61	12.84	13.36		
	Y79AA1000314	4.23	10.74	9.19	6.93	6.53	7.51		
	Y79AA1000328	4.65	10.05	2.64	7.73	9.28	8.68		
55	Y79AA1000334	1.43	4.22	3.55	2.68	2.81	3.46		

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	Y79AA1000342	10.65	10.05	26.47	23.7	19.13	28.35		
	Y79AA1000346	7.61	8.17	7.9	20.1	22.06	20.18	**	+
5	Y79AA1000347	6.94	7.96	-12.42	18.78	16.47	18.48	**	+
	Y79AA1000349	6.93	9.63	12.67	12.31	11.96	14.75		
	Y79AA1000355	3.17	8.28	8.94	8.84	13.55	8.77		
	Y79AA1000368	5.24	8.39	24.43	22.48	35.67	22.55		
10	Y79AA1000388	22.9	32.66	62.37	94.17	128.35	109.08	**	+
	Y79AA1000392	3.02	6.81	3.76	3.42	2.73	3.78		
	Y79AA1000405	3.98	5.97	8.25	7.14	8.17	9.32		
15	Y79AA1000410	6.01	7.87	15.72	13.79	17.05	14.95		
	Y79AA1000420	1.54	4.78	3.13	3.32	3.95	5.1		
	Y79AA1000423	1.38	7.08	5.59	5.22	6.04	10.27		
	Y79AA1000426	3.61	9.44	8.66	4.24	4.43	5.22		
20	Y79AA1000432	0.8	4.79	2.16	1.91	2.01	2.34		
	Y79AA1000453	23.94	30.67	47.79	39.74	50.65	58.24		
	Y79AA1000465	4.12	6.02	6.65	4.77	4.14	7.69		
25	Y79AA1000469	11.59	9.61	18.04	13.82	16.21	17.18		
	Y79AA1000480	1.24	4.37	2.78	3.33	3.57	2.79		
	Y79AA1000502	5.31	7.97	12.58	10.49	11.35	15.26		
	Y79AA1000521	1.24	4.4	4.13	2.51	3.61	2.7		
30	Y79AA1000534	3.22	8.13	8.92	11.97	14.41	13.46	*	+
	Y79AA1000538	3.58	6.95	8.79	9.52	12.12	8.41		
	Y79AA1000539	12.76	14.96	53.11	42.61	68.56	50.97		
35	Y79AA1000540	1.32	3.59	1.61	2.54	2.97	3.21		
	Y79AA1000560	160.46	140.99	339.33	380.8	313.21	220.43		
	Y79AA1000574	1	2.92	1.65	1.98	2.04	1.59		
	Y79AA1000584	2.07	4.55	4.97	4.62	5.39	4.04		
40	Y79AA1000589	10.74	13.67	81.43	59.09	95.35	68.5		
	Y79AA1000598	1.43	7.64	2.17	1.85	3.88	3.18		
	Y79AA1000600	2.7	10.02	-7.93	13.64	15.64	12.84	*	+
	Y79AA1000609	1.18	5.16	1.44	2.28	2.77	1.55		
45	Y79AA1000618	1.85	10.59	5.76	7.4	9.5	9.37		
	Y79AA1000627	1.91	3.93	4.57	3.27	3.02	2.43		
	Y79AA1000636	5.16	5.7	9.9	15.57	11.52	5.38		
50	Y79AA1000649	9.45	10.97	12.73	18.7	11.56	20.54		
	Y79AA1000656	15.32	20.21	96.75	80.17	115.97	82.61		
	Y79AA1000673	1.02	5.86	2.14	1.39	3.13	2.4		
	Y79AA1000674	11.88	21.96	78.28	59.4	98.22	62.67		
55	Y79AA1000678	2.48	8.91	3.88	3.01	4.15	2.45		

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	Y79AA1000682	17.99	53.99	93.7	102.53	110.87	118.22		
	Y79AA1000683	1.87	2.66	3.21	4.27	2.59	2.17		
5	Y79AA1000697	21.76	27.52	43.01	21.93	24.76	27.31		
	Y79AA1000700	5.07	7.1	7.08	7.51	6.93	9.97		
	Y79AA1000702	5.13	14.57	13.31	41.48	56.57	63.15	**	+
	Y79AA1000704	1.34	5.24	1.14	1.5	2.1	1.18		
10	Y79AA1000705	1.86	9.7	6.24	6.06	7.98	6.45		
	Y79AA1000717	6.18	12.39	9.42	9.73	11.1	8.7		
	Y79AA1000722	5.61	8.6	8.65	26.26	34.81	34.31	**	+
	Y79AA1000724	6.42	9.77	18.55	26.57	21.7	11.95		
15	Y79AA1000726	0.77	1.24	0.83	1.46	2.01	0.71		
	Y79AA1000734	2.05	4.46	4.92	3.57	3.3	2.94		
	Y79AA1000748	0.88	4.38	1.77	2.14	2.99	1.56		
20	Y79AA1000750	4.17	8.47	20.58	18.11	20.02	18.62		
	Y79AA1000752	1.25	5.13	2.33	2.23	3.38	3.38		
	Y79AA1000774	2.11	6.23	4.24	4.28	5.79	4.21		
	Y79AA1000776	1.2	4.37	1.9	2.13	1.83	2.11		
25	Y79AA1000777	4.36	5.84	9.63	10.05	6.99	6.01		
	Y79AA1000778	1.72	3.77	3.79	3.87	4.19	1.44		
	Y79AA1000782	2.08	4.18	3.72	3.53	2.89	2.96		
30	Y79AA1000784	7.04	10.01	7.78	13.87	15.58	14.26	**	+
	Y79AA1000794	0.61	5.21	1.88	2.92	1.69	1.23		
	Y79AA1000800	1.59	5.44	3.82	3.38	2.97	3.39		
	Y79AA1000802	0.64	4.18	1.15	2.52	1.77	2.1		
35	Y79AA1000805	2.29	4.03	2.63	2.43	2.11	2.6		
	Y79AA1000814	2.73	3.9	4.14	4.98	7.09	6.76	*	+
	Y79AA1000823	7.91	9.99	12.07	12.02	12.42	6.56		
40	Y79AA1000824	0.98	2.47	1.84	2.75	2.26	0.79		
	Y79AA1000827	1.6	4.02	7.27	6.71	8.91	6.14		
	Y79AA1000831	7.04	10.49	17.32	26.61	30.43	27.82	**	+
	Y79AA1000833	62.14	67.46	191.76	270.42	308.16	248.21	*	+
45	Y79AA1000850	1.69	5.68	2.72	4.92	4.59	4.21		
	Y79AA1000856	3.49	6.78	6.31	9.28	6.01	8.51		
	Y79AA1000862	2.22	2.76	2.44	3.08	2.87	2.59		
	Y79AA1000876	7.46	10.04	17.91	27.36	27.61	25.46	**	+
50	Y79AA1000888	4.59	5.07	28.1	24.51	38.78	22.48		
	Y79AA1000902	4.65	5.74	8.44	12.18	12.32	7.68		
	Y79AA1000935	3.53	5.99	6.69	8.28	10.07	9.18	*	+
55	Y79AA1000959	0.74	6.29	4.35	6.71	5.77	6.07		

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	Y79AA1000962	1.22	4.45	3.18	2.9	2.41	1.79		
	Y79AA1000963	18.6	26.86	35.93	31.61	42.17	49.13		
5	Y79AA1000966	18.52	19.25	98.18	77.47	116.12	61.1		
	Y79AA1000967	8.62	8.82	33.82	34.47	40.36	29.3		
	Y79AA1000968	3.32	5.67	6.89	8.86	9.4	7.96	*	+
	Y79AA1000969	0.91	3.18	3.04	2.66	2.91	1.41		
10	Y79AA1000976	1.43	4.72	3.02	2.55	3.51	1.43		
	Y79AA1000978	1.99	5.6	7.26	6.9	10.54	5.56		
	Y79AA1000985	9.39	12.84	40.49	38.26	44.3	27.89		
15	Y79AA1000989	21.59	22.49	46.19	51.84	58.65	55.19	*	+
	Y79AA1000991	22.11	22.21	110.42	72.46	96.96	82.23		
	Y79AA1001013	59.2	62.64	140.9	174.85	214.13	201.9	*	+
	Y79AA1001014	2.27	4.16	4.1	4.8	5.2	6.55		
20	Y79AA1001019	3.37	5.89	7.74	9.24	9.02	9.43	*	+
	Y79AA1001020	5.37	7.82	9.43	12.31	11.11	10.86	*	+
	Y79AA1001023	0.83	6.11	2.29	1.22	1.95	1.54		
25	Y79AA1001030	4.23	8.79	10.87	11.14	10.72	12.43		
	Y79AA1001035	0.19	2.88	0.03	14.44	8.19	17.16	*	+
	Y79AA1001041	1.78	2.46	2.36	2.93	2.45	2.78		
	Y79AA1001043	11.65	12.62	15.22	8.64	12.01	14.71		
30	Y79AA1001048	1.1	4.78	3.73	4.05	4.52	4.21		
	Y79AA1001056	4.56	7.82	11.04	8.27	7.11	9.94		
	Y79AA1001061	1.53	7.79	5.28	6.13	7.46	6.66		
35	Y79AA1001062	2.62	6.14	5.02	4.44	6.01	4.67		
	Y79AA1001068	3.46	6.39	7.29	6.61	8.69	7.05		
	Y79AA1001073	8.19	13.08	17.46	24.14	22.1	29.81	*	+
	Y79AA1001077	7.1	7.08	17.15	14.69	14.74	17.08		
40	Y79AA1001078	3.11	8.34	11.07	5.01	12.15	12.92		
	Y79AA1001081	3.59	5.61	4.94	9.62	9.98	10.5	**	+
	Y79AA1001088	27.75	38.61	69.33	93.1	88.97	113.04	*	+
	Y79AA1001089	4.64	7.8	11.92	22.67	22.6	27.73	**	+
45	Y79AA1001090	1.38	4.15	2.2	3.58	2.83	2.35		
	Y79AA1001105	3.7	5.23	15.81	12.52	22.1	13.35		
	Y79AA1001142	8.53	13.38	15.85	14.28	11.42	22.32		
50	Y79AA1001145	2.22	4.68	5.13	4.97	6.26	5.87		
	Y79AA1001162	2.27	2.91	1.62	1.62	4.56	4		
	Y79AA1001167	0.86	2.76	2.38	1.12	2.35	0.77		
	Y79AA1001176	0.57	3.33	1.14	2.02	1.68	0.88		
55	Y79AA1001177	1.21	5.5	2.22	2.35	3.01	1.99		

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	Y79AA1001179	6.81	8.66	16.73	22.82	22.64	20.07	*	+
	Y79AA1001185	1.33	5.3	4.55	3.65	4.49	5.8		
5	Y79AA1001201	5.69	11.3	-16.13	14.57	15.21	19.38		
	Y79AA1001205	1.87	3.28	2.85	5.87	4.85	4.09	*	+
	Y79AA1001211	1.64	4.75	6.93	4.83	4.36	4.15		
	Y79AA1001212	3.55	6.93	15.91	13.74	15	11.65		
10	Y79AA1001216	52.59	51.46	93.73	76.52	97.53	109.55		
	Y79AA1001228	6.1	11.21	9.34	8.99	12.19	10.24		
	Y79AA1001233	0.68	11.46	2.39	0.92	1.66	1.09		
15	Y79AA1001236	4.46	12.86	9.25	11.4	10.66	13.08		
	Y79AA1001239	4.62	13.93	9.94	11.53	12.15	12.94		
	Y79AA1001240	8.74	8.6	13.75	9.13	6.68	3.01		
	Y79AA1001255	10.37	12.22	22.61	12.47	7.51	6.57		
20	Y79AA1001264	3.63	5.15	4.49	7.73	8.59	8.75	**	+
	Y79AA1001272	10.81	13.63	17.47	21.56	20.67	21.32	*	+
	Y79AA1001281	0.45	4.95	1.89	1.42	1.81	0.95		
25	Y79AA1001299	2.49	11.34	9.06	9.9	9.26	9.81		
	Y79AA1001312	2.49	10.36	5.17	2.15	4.77	4.14		
	Y79AA1001319	3.34	11.88	5.27	7.23	6.05	7.15		
	Y79AA1001323	1.22	1.16	2.09	1.11	1.55	0.89		
30	Y79AA1001328	2.04	3.18	3.62	4.66	4.48	4.05	*	+
	Y79AA1001343	154.19	151.55	345.05	304.88	394.54	265.65		
	Y79AA1001351	0.81	2.77	1.67	0.03	1.26	0.96		
35	Y79AA1001364	1.65	6.07	4.03	3.39	4.43	3.6		
	Y79AA1001367	2.16	7.41	2.93	3.09	5.34	3.19		
	Y79AA1001384	0.5	5.14	1.98	0.73	1.15	0.94		
	Y79AA1001391	0.59	3.73	2.88	1.35	1.65	1.2		
40	Y79AA1001394	3.12	4.66	12.92	10.94	9.56	10.94		
	Y79AA1001402	2.77	3.7	5.95	5.65	5.09	4.14		
	Y79AA1001410	0.82	2.78	2.33	2.06	2.31	2.25		
	Y79AA1001414	2.76	7.5	7.59	11.08	10.73	10.06	*	+
45	Y79AA1001426	0.61	4.36	2.61	1.5	1.43	1.82		
	Y79AA1001427	14.22	13.44	86.36	59.92	88.36	63.53		
	Y79AA1001430	11.28	16.98	20.98	29.04	34.03	34.38	**	+
50	Y79AA1001439	16.22	21.53	33.42	45.02	43.74	43.1	*	+
	Y79AA1001485	1.65	2.51	4.38	4.85	3.88	3.57		
	Y79AA1001493	1.29	2.3	3.43	2.43	2.35	2.46		
	Y79AA1001511	4.79	8.57	11.05	9.39	9.11	6.47		
55	Y79AA1001523	2.64	6.57	5.08	8.74	7.37	6.1		

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	Y79AA1001530	7.46	11.69	22	41.43	36.37	36.07	**	+
	Y79AA1001532	5.12	7.35	6.69	10.49	14.82	12.9	*	+
5	Y79AA1001533	1.84	4.89	2.53	4.15	4	4.19		
	Y79AA1001541	2.82	5.89	7.54	7.23	5.08	7.34		
	Y79AA1001548	4.25	4.84	9.82	10.46	7.37	7.1		
10	Y79AA1001555	2	2.55	3.65	4.7	5.28	4.25	*	+
	Y79AA1001562	7.76	10.11	17.15	14.07	16.16	10.83		
	Y79AA1001581	2	5.05	4.47	5.1	7.01	3.54		
	Y79AA1001585	3.18	7.38	10.96	9.72	10.93	8.05		
15	Y79AA1001592	2.61	7.38	5.97	8.15	8	7.02		
	Y79AA1001594	0.76	4.73	3.85	1.96	3.24	1.73		
	Y79AA1001603	56.74	70.81	153.14	131.56	112.16	107.66		
20	Y79AA1001613	3.74	3.52	14.81	13.12	15.36	10.66		
	Y79AA1001630	0.71	2.36	1.73	1.14	2.64	0.67		
	Y79AA1001647	1.96	3.57	2.47	4.14	4.32	2.65		
	Y79AA1001664	4.67	8.39	11.43	8.96	10.01	8.73		
25	Y79AA1001665	1.39	6.4	3.73	4.67	4.71	3.75		
	Y79AA1001679	8.92	15.94	20.71	20.53	26.67	25.35		
	Y79AA1001692	1.87	5.55	3.95	3.99	3.95	3.51		
	Y79AA1001696	1.97	6.49	2.77	1.83	2.63	2.55		
30	Y79AA1001705	6.09	6.44	10.39	7.62	7.92	7.85		
	Y79AA1001711	16.17	12.34	29.74	13.73	23.83	21		
	Y79AA1001717	0.72	2.99	1.29	1.68	3.13	1.14		
35	Y79AA1001719	2.5	5.79	6.44	6.15	6.07	6.43		
	Y79AA1001727	6.87	12.13	14.99	8.73	14.71	8.77		
	Y79AA1001750	10.21	13.63	21.67	21.92	32.29	24.33		
	Y79AA1001760	25.24	27.31	122.97	113.56	155.17	83.24		
40	Y79AA1001777	1.17	3.59	1.6	2.49	1.75	1.28		
	Y79AA1001781	0.31	2.3	0.42	1.62	1.84	1.42		
	Y79AA1001787	1	3.94	3.54	5.51	5.18	5.15		
	Y79AA1001793	16.23	15.19	91.7	60.44	87.21	75.35		
45	Y79AA1001795	1.23	3.84	2.24	2.05	2.45	2.8		
	Y79AA1001799	4.9	8.35	6.99	10.7	10.72	11.26	*	+
	Y79AA1001800	2.25	8.3	10.1	8.49	10.51	9.9		
50	Y79AA1001801	1.77	6.44	4.87	7.67	5.91	7.33		
	Y79AA1001803	0.74	2.15	1.72	1.85	1.68	1.17		
	Y79AA1001805	6.05	6.88	12.15	10.21	8.32	11.15		
	Y79AA1001807	3.37	6.33	12.56	11.76	17.8	16.79		
55	Y79AA1001827	1.7	4.41	3.12	3.43	3.6	2.52		

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	Y79AA1001846	1.82	6.52	5.51	6.52	5.09	5.07		
	Y79AA1001848	0.86	5.57	2.75	5.98	4.78	5.14		
5	Y79AA1001853	1.38	6.16	2.76	3.24	4.56	3.63		
	Y79AA1001863	0.86	5	2.53	2.93	3.83	3.85		
	Y79AA1001866	2.29	3.2	5.81	3.53	3.98	3.46		
	Y79AA1001874	0.12	2.18	-0.21	1.17	0.75	0.51		
10	Y79AA1001875	9.33	12.67	13.09	11.05	17.79	18.63		
	Y79AA1001907	68.02	70.94	96.4	118.34	86.75	104.86		
	Y79AA1001908	0.64	8.4	2.29	1.92	2.59	2.31		
	Y79AA1001923	1.61	6.64	3.03	3.86	3.76	3.35		
15	Y79AA1001927	19.1	22.05	36.94	42.46	45.29	48.81	*	+
	Y79AA1001930	4.07	6.65	8.07	7.92	12.42	12.21		
	Y79AA1001932	2.84	4.41	8.47	11.51	9.1	8.57		
20	Y79AA1001933	2.14	3.27	3.69	4.34	7.99	6.65	*	+
	Y79AA1001942	1.58	3.45	2.69	2.94	2.13	2.41		
	Y79AA1001963	9.6	9.37	46.06	38.48	49.64	47.27		
25	Y79AA1001968	18.61	27.73	37.44	42.93	44.16	55.23	*	+
	Y79AA1001983	1.81	6.35	4.28	3.97	5.86	4.47		
	Y79AA1002000	2.55	5.35	4.55	4.42	3.21	2.83		
	Y79AA1002004	13.1	18.87	27.47	23.72	29.45	40.93		
30	Y79AA1002008	2.51	3.73	3.79	4.54	2.19	2.85		
	Y79AA1002012	1.37	3.22	2.81	3.22	2.29	2.87		
	Y79AA1002017	1.34	2.53	2.46	3.51	3.07	2.82		
	Y79AA1002022	2.99	4.94	5.93	7.32	7.51	6.01		
35	Y79AA1002027	2.02	6.33	2.67	2.69	4.03	4.09		
	Y79AA1002050	2.53	8.12	4.22	6.68	6.91	5.11		
	Y79AA1002058	13.69	21.8	70.12	59.07	70.89	55.33		
40	Y79AA1002060	6.38	13.17	20.54	17.14	21.12	24.23		
	Y79AA1002062	4.33	5.18	8.15	8.54	6.66	5.51		
	Y79AA1002065	33.54	39.97	72.6	49.46	30.04	41.81		
	Y79AA1002067	10.11	11.64	17.24	16.25	9.42	8.13		
45	Y79AA1002069	0.97	1.79	0.54	1.55	1.44	0.66		
	Y79AA1002070	10.16	33.47	44.36	52.16	71.15	73.35	*	+
	Y79AA1002074	38.55	74.38	179.6	165.55	282.48	224.96		
50	Y79AA1002076	0.48	9.71	2.89	2.86	3.34	1.91		
	Y79AA1002083	1.2	7.48	2.03	2.73	1.75	2.06		
	Y79AA1002084	1.79	2.59	4.54	3.73	3.73	2.98		
	Y79AA1002086	0.96	1.78	1.71	2.77	1.88	1.43		
55	Y79AA1002087	11.18	14.9	27.67	33.34	30.01	23.08		

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	Y79AA1002089	1.18	3.46	2.13	1.46	2.92	3.26		
	Y79AA1002093	2.19	5.48	5.25	5.28	5.68	6.17		
5	Y79AA1002101	1.11	8.58	-2.98	6.54	5.58	6.6		
	Y79AA1002103	1.47	10.22	3.39	4.43	6.49	4.7		
	Y79AA1002115	4.34	9.78	7.37	7.45	7.03	6.95		
10	Y79AA1002121	1.55	2.16	2.18	1.67	2.55	2.31		
	Y79AA1002125	6.67	7.08	9.29	8.81	6.4	7.6		
	Y79AA1002129	1.64	6.23	7.84	5.41	2.2	4.93		
	Y79AA1002131	0.9	3.25	0.78	0.77	1.29	1.15		
15	Y79AA1002139	0.69	5.02	1.04	1.83	1.53	1.34		
	Y79AA1002144	25.99	29.62	51.01	42.61	51.16	43.17		
	Y79AA1002177	1.72	5.97	4.33	4.79	3.09	4.73		
	Y79AA1002183	10.44	13.89	17.69	27.61	29.67	28.92	**	+
20	Y79AA1002202	3.97	7.15	8.34	18.27	10.12	17.85	*	+
	Y79AA1002204	0.53	0.99	1.56	1.7	2.2	1.54		
	Y79AA1002206	2.63	5.36	7.28	4.35	2.95	1.49		
25	Y79AA1002208	4.26	6.54	3.94	6.88	6.3	3.96		
	Y79AA1002209	1.8	6.34	2.88	4.38	3.74	4.57		
	Y79AA1002210	0.41	4.14	2.09	1.8	2.24	1.65		
	Y79AA1002211	2.25	5.39	3.85	5.71	5.3	4.5		
30	Y79AA1002213	1.15	4.13	6.53	7.38	7.54	7.43		
	Y79AA1002215	18.7	18.69	26.61	17.72	15.59	9.62		
	Y79AA1002220	3.78	3.38	2.87	4.89	4.19	4.14	*	+
35	Y79AA1002226	8.54	8.9	9.75	13.06	14.2	4.41		
	Y79AA1002229	1.35	3.88	3.38	2.95	2.79	2.67		
	Y79AA1002234	3.24	6.82	3.94	4.29	7.74	6.88		
	Y79AA1002235	5.6	7.55	6.43	8.78	9.74	9.47	*	+
40	Y79AA1002246	0.59	5.06	2.41	3.94	2.54	4.27		
	Y79AA1002258	0.72	7.26	2.92	3.99	4.19	2.7		
	Y79AA1002279	17.79	19.12	27.8	16.52	19.13	11.5		
	Y79AA1002292	1.68	2.1	3.22	2.96	3.91	2.73		
45	Y79AA1002298	0.76	2.52	1.32	2.03	2.77	1.06		
	Y79AA1002307	1.05	4.35	1.79	0.76	1.05	1.2		
	Y79AA1002309	1.15	4.19	2.3	2.21	1.78	2.55		
50	Y79AA1002311	2.84	7.35	3.43	5.71	6.04	5.45		
	Y79AA1002334	1.72	6.54	2.95	4.77	4.19	3.35		
	Y79AA1002351	1.27	5.5	2.89	3.5	3.38	3.06		
	Y79AA1002355	12.83	12.25	28.96	22.94	22.07	21.02		
55	Y79AA1002361	2.22	2.27	3.26	2.47	4.54	1.55		

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	Y79AA1002365	0.66	2.04	2.26	1.97	3.51	2.25		
	Y79AA1002373	1.17	3.93	2.42	1.59	1.97	1.43		
5	Y79AA1002376	110.81	135.82	-249.8	205.99	213.25	191.69		
	Y79AA1002378	1.9	4.8	4.91	2.2	3.6	3		
	Y79AA1002381	8.65	14.11	19.19	18.84	21.52	17.97		
10	Y79AA1002388	7.05	9.99	18.24	15.88	21.51	19.99		
	Y79AA1002399	1.79	4.25	3.74	4.62	4.08	3.47		
	Y79AA1002407	3.05	4.16	3.13	4.66	5.77	4.5	*	+
15	Y79AA1002413	3.21	6.78	8.05	6.46	8.32	6.87		
	Y79AA1002416	1.46	5	2.74	2.49	3.44	3.55		
	Y79AA1002429	5.5	8.15	7.27	8	11.11	8.01		
20	Y79AA1002431	0.92	4.43	0.48	0.79	1.78	0.89		
	Y79AA1002433	1.27	5.9	3.24	4.8	3.84	5.58		
	Y79AA1002445	4.01	5.34	5.76	3.1	4.89	5.41		
	Y79AA1002461	0.63	2.45	1.79	1.19	2.71	1.41		
25	Y79AA1002466	39.02	70.71	94.5	91.12	82.27	94.71		
	Y79AA1002471	4.44	6.67	6.08	7.43	8.06	10.49		
	Y79AA1002472	2.41	6.16	5.99	6.8	8.39	4.06		
30	Y79AA1002474	1.93	8.27	4.31	4.89	6.52	7.13		
	Y79AA1002482	3.52	6.66	10.37	9.02	11.81	8.69		
	Y79AA1002487	1.38	4.12	2.46	1.96	3.01	2.56		
35	Y79AA1002490	10.37	9.91	16.35	11.11	12.88	16.86		
	Y79AA1002493	1.96	4.07	6.14	6.5	8.9	4.1		
	ZRV6C1006278	0.61	4.08	2.22	1.81	1.58	2.11		
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45									
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55									

Table 353

5 Expression of each cDNA in skin-derived fibroblast cells exposed and unexposed to
ultraviolet light (the table also includes clones that are not described in Examples)

10 In the table, UV_0h represents skin-derived fibroblast cells without ultraviolet irradiation;
UV_4h and UV_24h represent skin-derived fibroblast cells 4 and 24 hours, respectively, after the
irradiation. The assay was performed in triplicate (n=3) and each result is shown in the column
of Exp1, Exp2, or Exp3. "t-test 0/4" and "t-test 0/24" represent the results of the test for
15 significant difference between the unexposed cells and the cells 4 hours after the irradiation, and
between the unexposed cells and the cells 24 hours after the irradiation, respectively. The table
also includes the information on an increase (+) or decrease (-) in the expression level of the
gene in the exposed cells 4 hours or 24 hours after the ultraviolet light irradiation. The results of
20 the test for significant difference are shown in the columns of *p<0.05 and **p<0.01.

	Clone	UV 0h			UV 4h			UV 24h			t test		4h 24h
		Exp. 1	Exp. 2	Exp. 3	Exp. 1	Exp. 2	Exp. 3	Exp. 1	Exp. 2	Exp. 3	0/4	0/24	
5	GAPDH(Cr1)	0	1.29	0.1	0.9	0.06	1.18	1.49	0.47	0			
	β actin(Cr2)	256.82	283.53	414.29	388.38	117.29	329.8	189.18	190.26	157.87	*		-
	ADRG11000005	15.9	10.68	19.67	3.3	6.44	12.69	6	3.06	5	*		-
	ADRG11000007	47.47	31.62	85.7	41.54	41.35	40.62	31.64	14.77	31.5			
	ADRG11000009	3.97	2.45	8.72	6.06	2.65	3.32	3.72	1.8	2.91			
10	ADRG11000011	21.55	13.26	21.8	18.36	12.63	13.95	15.62	6.5	14.45			
	ADRG11000027	2.4	1.68	5.6	4.02	2.48	2.04	3.18	0.81	3.55			
	ADRG11000058	84.24	29.04	76.55	95.27	68.98	72.58	39.84	22.31	39.98			
	ADRG11000069	7.61	6.31	10.67	3.58	5.86	4.59	2.92	1.14	2.62	*		-
	ADRG11000077	4.08	5.99	6.34	5.76	3.87	4.68	4.23	2	3.08			
	ADRG11000092	41.45	38.57	55.77	73.06	40.91	54.59	24.67	18.9	27.36	*		-
15	ADRG11000099	43.57	33.01	48.6	56.04	29.24	45.47	24.87	18.08	20.27	*		-
	ADRG11000136	52.22	43.6	70.27	58.84	40.95	44.91	35.09	21.07	29.76	*		-
	ADRG11000147	6.66	6.78	11.64	6.52	5.38	7	5.38	2.59	5.89			
	ADRG11000159	7.28	7.31	7.55	10.23	10.38	9.89	7.3	4.68	8.62	**		+
	ADRG11000160	11.62	12.89	8.28	9.39	13.77	23.6	7.39	5.18	9.59			
20	ADRG11000171	4.47	4.72	5.01	4.83	6.43	4.19	3.69	1.77	4.29			
	ADRG11000181	9.73	12.6	18.02	18.65	11.48	13.93	9.96	11.18	7.77			
	BGG111000015	25.13	21.03	22.91	10.68	12.73	20.09	10.32	15.5	18.5	*		-
	BGG111000016	63.98	55.25	74.82	18.05	36.94	8.26	17.67	40.65	37.24	*	*	-
	BGG111000017	8.13	6.51	11.46	3.65	5.27	5.54	2.72	4.69	3.8	*		-
	BGG111000022	12.98	14.45	15.11	7.84	9.62	8.77	7.97	8.92	10.08	**	**	-
25	BGG111000031	13.67	9.32	14.45	9.12	13.53	12.58	6.75	10.28	15.5			-
	BGG111000042	78.81	92.28	77.71	51.19	53.47	19.5	23.41	16.53	22.63	*	**	-
	BGG111000046	59.14	59.17	43.06	30.88	42.51	35.11	16	15.29	7.23	**		-
	BNGH41000025	34.23	58.36	71.87	11.96	22.6	19.45	12.51	15.56	19.08	*	*	-
	BNGH41000026	8.61	10.35	11.92	5.79	4.65	4.41	2.7	3.65	4.11	**	**	-
30	BNGH41000027	36.04	26.15	57.91	21.21	34.28	46.33	28.86	28.53	19.37			
	BNGH41000035	71.93	95.4	103.3	77.48	91.38	82.2	85.4	91.4	89.21			
	BNGH41000037	11.37	8.43	18.43	4.88	12.04	10.79	4.26	3.88	5.78			
	BNGH41000042	153.34	222.69	94.88	128.41	120.85	102.56	66.52	26.75	52.39	*		-
	BNGH41000048	115.13	80.94	131.08	158.03	99.22	95.02	70.52	58.67	62.66	*		-
	BNGH41000056	6.81	7.33	32.46	17.81	11.49	11.22	6.84	4.36	6.34			
35	BNGH41000087	7.57	4.78	6.77	6.26	6.74	6.12	2.23	3.11	5.45			
	BNGH41000091	5.88	4.66	7.21	3.92	3.81	2.29	2.51	1.95	5.23	*		-
	BNGH41000157	24.78	9.57	39.68	15.95	28.36	14.05	14.96	12.43	25.4			
	BNGH41000169	4.77	2.7	8.76	3.03	4.07	2.47	2.48	1.85	2.4			
	BNGH41000181	15.03	14.16	15.82	9.14	8.43	9.02	9.57	5.48	4.7	**	**	-
	BNGH41000198	5.23	7.17	13.44	2.81	5.92	4	2.64	2.63	2.78			
40	BNGH41000219	55.36	63.96	42.98	30.63	34.86	27.19	11.04	4.75	5.11	*	**	-
	BNGH41000229	41.48	41.07	32.45	12.86	20.86	15.06	12.11	29.5	42.2	**		-
	BNGH41000237	30.57	28.92	29.88	23.95	17.14	16.36	7.62	11.39	18.2	*	**	-
	BNGH41000238	12.97	6.92	11.13	3.1	5.96	5.05	3.21	2.99	4.83	*	*	-
	BNGH41000243	37.29	22.23	38.12	21.69	20.76	22.29	17.48	13.04	12	*		-
	BNGH41000270	7.24	2.74	13.66	5.03	4.81	3.91	2.55	1.06	3.15			
45	BRAWH1000004	26.05	12.1	22.36	14.77	13.7	15.56	10.21	9.28	9.3			
	BRAWH1000018	16.02	18.04	23.1	10.35	11.87	13.62	8.4	6.81	8.26	*	**	-
	BRAWH1000021	13.77	12.07	18.61	14.58	14.48	10.65	13.45	8.59	11.48			
	BRAWH1000027	4.8	4.82	5.71	4.63	4.59	5.52	2.19	2.04	7.42			
	BRAWH1000029	7.2	4.85	5.05	4.67	2.83	2.65	2.93	2.18	1.97	*		-
50	BRAWH1000040	20.85	33.58	27.15	16.04	13.44	12.14	8.98	5.99	6.77	*	**	-
	BRAWH1000050	86.78	63.26	107.91	121.47	88.32	92.39	77.36	45.55	64.9			
	BRAWH1000051	3.25	3.15	8.62	2.34	1.27	1.81	2.29	1.14	1.52			
	BRAWH1000060	103.56	87.24	102.14	122.05	99.97	107.12	58.34	59.07	66.98	**		-
	BRAWH1000075	6.97	6.63	15	3.29	4.01	3.69	3.52	2.95	3.34			
	BRAWH1000081	23.41	12.71	28.79	20.72	20.86	22.65	19.13	9.85	15.04			
55	BRAWH1000084	219.94	140.27	3.27	8.21	5.55	1.75	106.89	121.2	155.45			
	BRAWH1000095	6.67	5.04	6.84	7.47	5.22	4.62	3.81	0.91	1.79	*		-

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	BRAWH1000096	5.38	6.14	9.95	5.23	5.99	6.41	5.29	2.17	4.29				
	BRAWH1000097	32.73	36.25	38.91	16.1	26.45	25.46	34.97	22.26	21.98	*	-	-	-
5	BRAWH1000100	3.44	3.77	6.36	1.33	1.79	1.51	2.06	0.88	1.83	*	*	-	-
	BRAWH1000101	151.17	188.03	182.43	124.31	137.07	112.48	156.93	114.91	72.6	*	-	-	-
	BRAWH1000104	3.11	5.16	13	2.27	6.18	12.04	5.42	9.52	5.16				
	BRAWH1000107	4.13	9.11	10.29	5.8	8.93	4.46	6.91	1.75	1.45				
	BRAWH1000110	63.35	48.25	85.05	53.28	34.71	42.03	42.56	51.83	49.06				
10	BRAWH1000111	17.89	14.24	19.42	6.38	13.57	14.32	11.88	11.36	7.34	*	-	-	-
	BRAWH1000135	7.97	7.93	10.18	6.35	4.56	3.75	5.18	4.92	2.5	*	*	-	-
	BRAWH1000190	13.15	11.52	18.33	11.13	9.11	7.4	12.15	9.59	8.37				
	HENBA1000005	35.95	34.82	38.35	20.64	26.11	18.05	30.81	17.47	24.15	**	*	-	-
	HENBA1000006	9.78	9.8	11.36	1.4	5.53	2.46	3.8	1.71	7.12	**	*	-	-
	HENBA1000012	142.4	148.44	163.52	136.28	167.18	112.45	92.75	76.02	85.25	**	*	-	-
15	HENBA1000020	190.7	248.05	252	200.63	259.1	183.87	186.01	114.55	161.9				
	HENBA1000030	20.38	15.29	27.68	14.24	16.3	11.52	9.94	9.08	14.21				
	HENBA1000034	15.22	17.47	15.15	7.36	10.81	14.4	7.69	4.87	8.91	**	-	-	-
	HENBA1000042	22.23	17.73	35.18	17.22	20.39	12.68	19.66	13.46	21.05				
	HENBA1000045	12.71	14.02	2.46	0.7	7.88	1.39	4.27	2.85	2.17				
	HENBA1000046	10.19	13.7	20.59	6.92	10.64	7.67	13.72	12.92	11.87				
20	HENBA1000047	4.05	7.12	13.48	2.54	4.15	2.97	2.37	0.81	3.55				
	HENBA1000048	10.63	14.86	15.51	2.18	6.64	3.23	4.43	0.94	3.67	**	**	-	-
	HENBA1000050	3.15	3.21	10.5	2.13	3.59	2.35	2.36	0.05	2.24				
	HENBA1000053	5.98	3.98	9.78	8.93	5.91	6.48	2.35	1.85	5.68				
	HENBA1000060	10.62	11.2	18.18	10.13	8.71	11.8	7.34	2.99	9.16				
	HENBA1000072	530.32	492.25	767.01	366.98	521.7	354.83	288.04	399.85	194.47	*	-	-	-
25	HENBA1000073	25.51	17.12	39.76	19.17	28.84	19.97	20.8	18.82	12.3				
	HENBA1000076	30.89	23.42	46.09	20.74	16.14	16.31	22.31	20.51	20.54				
	HENBA1000084	46.03	48.38	54.47	61.64	67.48	73.34	43.23	26.25	43.33	*	+	-	-
	HENBA1000087	2.35	3.13	9.77	1.66	2.08	0.86	1.69	0.8	1.37				
	HENBA1000088	3.05	3.73	12.72	2.97	3.67	2.66	4.68	0.94	2.56				
	HENBA1000091	38.82	23.63	75.02	58.3	74.93	71.96	24.1	16.38	30.08				
30	HENBA1000111	21.39	20.11	44.78	24.89	20.7	26.97	20.62	12.93	18.49				
	HENBA1000121	18.15	14.06	45.72	26.38	18.11	19.11	16.09	9.88	11.04				
	HENBA1000128	6.74	4.73	14.38	8.16	5.93	6.25	3.31	1.93	2.79				
	HENBA1000129	6.94	5.68	13.44	7.51	6.89	6.55	4.13	5.51	3.96				
	HENBA1000141	12.4	7.44	22.8	8.83	6.54	5.23	5.19	3.51	3.66				
	HENBA1000146	6.55	7.84	15.71	4.62	7.62	7.46	5.3	2.57	3.09				
35	HENBA1000150	28.41	41.35	48.05	22.83	16.47	23.82	28.66	15.99	24.53	*	-	-	-
	HENBA1000154	717.61	696.56	881.96	454.74	531.19	670.47	527.79	542.09	612.33	*	*	-	-
	HENBA1000156	10.8	18.5	21	9.98	4.23	6.43	3.69	3.2	3.36	*	*	-	-
	HENBA1000158	18.74	13.45	14.16	7.7	2.81	4.64	5.39	2.06	3.26	**	**	-	-
	HENBA1000168	8.01	6.75	7.08	5.88	4.99	5.86	6.83	2.42	4.44	*	-	-	-
	HENBA1000180	3.02	3.26	4.77	4.2	2.93	2.73	2.69	1.65	3.39				
40	HENBA1000185	19.4	18.46	23.05	27.72	15.45	13.55	13.51	10.97	19.3				
	HENBA1000188	6.28	5.61	7.48	5.62	6.91	3.78	3.34	2.85	4.56	*	-	-	-
	HENBA1000193	7.66	7.79	11.97	13.74	5.68	7.85	5.99	5.1	6.65				
	HENBA1000194	31.21	25.82	29.1	20.52	12.15	13.24	9	11.15	12.72	*	**	-	-
	HENBA1000201	13.81	8.63	14.31	11.15	8.36	7.64	5.43	4.05	4.24	*	-	-	-
	HENBA1000213	2.97	4.59	8.02	5.36	2.78	4.45	3.2	1.24	3.2				
45	HENBA1000216	7.62	8.45	11.73	6.7	6.96	6.62	6.13	4.35	5.56	*	-	-	-
	HENBA1000227	2.73	4.56	8.5	4.18	3.58	2.84	3.35	1.71	2.27				
	HENBA1000231	24.52	27.31	24.37	15.72	17.43	21.38	21.29	12.5	20.49	*	-	-	-
	HENBA1000237	76.81	74.32	83.86	66.84	69.97	42.93	44.61	22.46	38.37	**	-	-	-
	HENBA1000243	13.82	10.47	25.88	21.77	11.3	17.41	12.09	8.84	11.38				
	HENBA1000244	9	7.04	9.25	7.59	2.86	4.81	3.47	4.91	3.18	**	-	-	-
50	HENBA1000251	4.62	4.41	5.87	4.22	1.63	3.25	2.37	2.22	2.32	**	-	-	-
	HENBA1000254	10.09	13.73	13.57	7.22	5.82	7.35	8.91	6.98	9.5	*	*	-	-
	HENBA1000264	5.1	3.56	11.16	4.22	2.15	2.47	2.98	1.73	5.35				
	HENBA1000269	4.34	6.24	5.63	3.94	4.73	5.35	3.13	1.23	3.19	*	-	-	-
	HENBA1000275	22.4	40.99	22.83	21.15	22.57	23.38	10.3	5.45	12.41	*	-	-	-
	HENBA1000280	6.51	8.26	15.12	7.28	7.37	8.84	7.59	2.9	7.78				
55	HENBA1000282	18.71	16.98	38.85	19.86	12.71	13.67	18.74	14.02	21.9				
	HENBA1000287	10.5	12.84	12.5	3.76	7.11	6.81	3.4	8.14	8.93	**	-	-	-
	HENBA1000288	14.15	21.12	36.73	13.92	11.11	18.3	14.48	11.79	19.51				

Table 355

	HEMBA1000290	5.54	5.24	10.06	5.33	1.73	3.05	3.54	2.47	2.22			
	HEMBA1000296	9.5	13.84	20.76	5.15	12.54	6.86	5.85	5.2	3.4	*	-	
5	HEMBA1000300	35.72	34.39	45.53	27	31.39	25.7	26.91	18.61	28.62	*	-	
	HEMBA1000302	3.92	5.7	9.9	1.71	5.14	2.38	3.51	1.14	3.24			
	HEMBA1000303	7.88	7.6	13.76	3.6	4.76	4.02	4.64	2.88	3.92	*	-	
	HEMBA1000304	20.77	16.02	19.73	12.6	11.48	11.65	12.2	13.31	13.14	**	*	-
	HEMBA1000307	7.67	8.03	6.72	5.49	4.16	4.06	1.61	1.51	3.67	**	**	-
	HEMBA1000312	26.83	27.01	36.09	21.32	17.54	18.68	18.71	13.82	23.54	*	-	
10	HEMBA1000318	14.81	10.63	16.92	6.25	7.77	8.66	2.82	1.83	3.68	*	**	-
	HEMBA1000327	16.1	19.56	31.73	13.19	19.56	35.1	16.48	11.24	13.77			
	HEMBA1000333	4.8	4.82	8.3	2.23	3.1	2.42	2.41	0.71	1.87	*	*	-
	HEMBA1000338	14.85	18.8	25.1	10	13.67	12.74	13.23	10.79	10.59			
	HEMBA1000343	9.76	12.6	14.72	7.21	10.87	8.74	6.58	5.91	8.76	*	-	
15	HEMBA1000349	7.48	9.48	16.3	4.37	4.58	5.11	3.79	2.9	11.15			
	HEMBA1000351	16.95	12.69	26.79	18.1	17.55	14.44	11.22	7.92	17.2			
	HEMBA1000355	11.99	7.36	8.03	7.48	3.22	2.44	1.27	2.39	3.56	*	-	
	HEMBA1000356	34.47	36.59	32.24	39.62	29.15	32.82	22.27	24.67	20.29	**	-	
	HEMBA1000357	16.16	16.75	30.37	11.91	12.99	11.46	14.62	9.28	12.57			
	HEMBA1000366	10.73	7.46	15.42	5.17	5.07	3.55	5.42	3.22	6.53	*	-	
20	HEMBA1000369	10.72	11.69	16.34	4.55	5.5	4.39	6.76	3.13	5.67	*	*	-
	HEMBA1000370	9	13.55	13.78	4.72	8.24	7.37	5.92	3.13	3.05	*	*	-
	HEMBA1000376	90.99	73.26	0.51	1.99	5.8	2.22	56.72	52.09	77.09			
	HEMBA1000387	26.37	30.02	2.06	0.67	28.79	0	22.74	18.21	26.75			
	HEMBA1000389	16.44	15.64	23.44	8.78	10.05	15.24	16.41	8.42	9.96			
	HEMBA1000390	10	6.3	8.6	4.59	5.15	2.55	7.47	3.11	6.96	*	-	
25	HEMBA1000392	7.7	8.4	14.19	5.19	4.42	2.87	4.91	3.87	4.75			
	HEMBA1000396	9.8	6.67	9.18	1.73	1.25	0.34	3.88	1.99	4.11	**	*	-
	HEMBA1000411	4.32	4.84	13.72	2.13	3.17	1.91	3.36	1.45	2.17			
	HEMBA1000418	10.46	14.65	17.48	5.45	8.2	5.71	4.56	2.35	3.71	*	**	-
	HEMBA1000422	9.96	6.26	0	0.69	0.58	0.28	3.62	3.45	7.58			
	HEMBA1000428	8.49	7.69	1.25	0.25	8.33	0	5.22	5.3	9.15			
30	HEMBA1000434	6.78	3.73	4.63	2.97	2.1	1.84	5.95	1.48	3.75	*	-	
	HEMBA1000442	3.73	3.34	8.65	2.11	3.23	1.05	2.87	2.62	6.58			
	HEMBA1000443	6.03	7.17	14.31	3.08	6.26	3.05	8.49	4.27	7.22			
	HEMBA1000446	56.88	47.2	7.47	1.38	1.35	0.83	46.56	24.3	38.67			
	HEMBA1000456	14.88	20.85	28.05	5.95	15.86	10.1	10.12	2.72	7.69	*	-	
	HEMBA1000459	15.34	18.32	27.74	11	17.98	14.9	11.74	7.37	11.06			
35	HEMBA1000460	23.55	16.11	28.93	19.24	20.63	19.37	10.12	7.72	17.35			
	HEMBA1000462	25.82	7.48	2.26	1.21	3.05	10.25	13.12	8.17	7.37			
	HEMBA1000464	7.56	4.51	6.06	3.68	3.64	2.38	3.55	1.26	2.53	*	*	-
	HEMBA1000468	3	4	6.33	1.85	2.29	0.39	1.45	0.17	1.64	*	*	-
	HEMBA1000469	22.54	28.03	34.83	17.42	17.27	14.02	27.65	14.61	18.23	*	-	
	HEMBA1000477	17.38	15.06	7.59	1.07	12.5	0.35	11.11	7.11	9.19			
40	HEMBA1000481	63.47	80.18	49.05	5.51	28	7.01	17.9	5.67	5.55	*	**	-
	HEMBA1000488	14.11	13.36	8.09	0.4	9.3	4.86	6.34	1.81	3.54	*	*	-
	HEMBA1000490	9	6.13	11.44	3.85	4.12	5.04	6.84	2.63	7.56	*	-	
	HEMBA1000491	5.32	6.61	17.42	8.34	8.06	9.74	6.93	4.28	9.22			
	HEMBA1000498	14.5	18.25	24.06	10.95	15.11	14.4	16.82	10.93	14.38			
	HEMBA1000501	7.87	9.11	2.74	0.21	2.74	4.51	6.04	4.62	6.97			
45	HEMBA1000504	12.54	5.58	11.75	3.41	4.13	2.59	2.67	4.18	4.58	*	-	
	HEMBA1000505	6.92	8.54	7.08	0	1.28	0.84	5.6	2.13	4.7	**	*	-
	HEMBA1000507	0.45	1.56	8.28	0	1.2	0.18	0.77	0	0.38			
	HEMBA1000508	26.91	34.97	50.59	22.03	32.11	27.29	38.18	21.05	20.98			
	HEMBA1000518	3.76	3.28	6.48	5.32	4.44	6.01	3.59	1.86	3.38			
	HEMBA1000519	85.07	91.86	141.09	42.18	50.11	71.14	47.48	35.9	57.59	*	-	
50	HEMBA1000520	6.49	7.75	13.06	6.32	6.26	4.22	5.77	4.5	4.14			
	HEMBA1000523	11.85	6.14	1.44	0	1.42	0.29	4.15	3.58	2.35			
	HEMBA1000531	8.26	6.64	16	4.73	9.37	11.46	9.54	4.57	6.14			
	HEMBA1000534	28.94	37.16	55.86	24.81	22.76	20.48	41.37	29.08	32.84			
	HEMBA1000538	14.97	19.18	30.49	12.11	14.95	11.04	13.25	9.03	10.27			
	HEMBA1000540	18.41	10.82	26.42	7.05	8.02	12.43	11.49	5.58	4.88			
55	HEMBA1000542	68.21	65.66	96.9	105.13	126.6	107.62	49.4	38.5	50.6	*	*	+
	HEMBA1000545	10.72	9.72	18.53	13.15	9.91	10.84	7.59	4.75	4.2			
	HEMBA1000547	16.09	12.61	26.19	11.54	11.54	13.04	5.83	5.77	5.14	*	-	

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	HENBA1000551	31.43	29.13	74.52	42.08	38.34	36.48	27.97	18.18	17.63		
	HENBA1000555	23.07	51.65	28.63	16.75	19.18	84.47	21.47	21.24	16.53		
5	HENBA1000567	20.2	22.07	26.42	16.84	15.85	18.08	21.6	11.99	15.53	*	-
	HENBA1000561	6.79	6.3	13.7	3.18	1.89	4.15	4.27	2.09	3.68		
	HENBA1000563	5.71	6.02	9.65	3.7	5.59	3.42	4.89	1.86	4.27		
	HENBA1000567	2.91	1.55	3.34	2.35	0.99	3.67	2.89	1.41	2.17		
	HENBA1000568	8.19	5.62	14.84	8.57	7.03	7.81	7.88	3.61	9.31		
10	HENBA1000569	2.57	3.31	7.08	4.64	2.77	3.17	2.3	1.18	2.24		
	HENBA1000575	24.44	15.32	39.5	24.17	18.92	19.53	17.36	14	17.06		
	HENBA1000588	7.1	5.81	8.91	7.39	8.88	8.85	8.33	2.25	5.9		
	HENBA1000590	5.23	6.06	5.7	5.36	6.93	6.66	4.07	2.31	4.39	*	-
	HENBA1000591	24.12	22.46	26.56	10.74	18.87	21.61	11.03	5.76	13.01	**	-
	HENBA1000592	30.95	41.43	24.53	10.67	31.41	23.82	10.57	11.36	12.37	*	-
15	HENBA1000594	5.11	7.29	6.57	8.37	4.71	6.68	5.32	3.27	3.89		
	HENBA1000604	21.62	17.48	22.7	28.09	18.45	20.99	13.92	9.43	17.25		
	HENBA1000607	59.03	59	91.06	71.67	51.82	56.83	60.28	42.6	51.42		
	HENBA1000608	9.41	4.42	6.41	8.42	5.12	4.07	7.92	3.99	8.94		
	HENBA1000622	7.92	7.76	16.15	9.11	9.27	13.89	9.94	3.81	11.14		
	HENBA1000634	52.78	74.71	70.68	39.88	65.82	64.7	32.15	24.17	25.34	**	-
20	HENBA1000636	27.22	28.11	25.27	25.4	22.96	20.49	9.12	9.28	12.36	**	-
	HENBA1000637	8.86	11.75	7.97	5.21	9.26	6.88	4.93	3.34	3.68	*	-
	HENBA1000655	30.73	31.69	54.9	27.54	16.27	22.75	21.5	18.39	24.41		
	HENBA1000657	14.08	9.28	10.28	5.96	7.53	6.3	3.93	18.82	5.24	*	-
	HENBA1000662	6.27	5.79	10.27	3.02	6.27	5.29	2.93	4.16	3.38		
	HENBA1000664	6.29	6.77	9.71	5.57	5.25	9.62	2.22	2.8	4.62	*	-
25	HENBA1000671	30.41	19.43	27.86	31.58	22.01	24.63	20.58	14.98	16.56		
	HENBA1000673	24.11	24.74	28.83	18.72	18.93	18.52	21.96	17.14	28.31	**	-
	HENBA1000675	11.22	13.93	16.24	11.01	14.94	12.36	11.46	6.91	7.33		
	HENBA1000678	5.24	8.15	11.3	5.35	7.05	6.17	5.02	1.55	1.87		
	HENBA1000682	34.57	35.39	53.17	14.17	19.8	19.96	13.73	23.76	33.18	*	-
	HENBA1000686	21.71	40.16	35.85	10.91	16.11	14.54	4.3	11.52	5.8	*	*
30	HENBA1000702	10.84	17.35	25.73	7.39	11.25	13.13	7.56	7.08	9.42		
	HENBA1000705	4.6	3.75	8.97	3.21	1.09	3.11	3.08	4.72	3.61		
	HENBA1000713	10.43	11	19.66	5.79	9.41	8.35	11.72	6.95	13.37		
	HENBA1000718	27.65	31.72	34.47	19.34	17.98	21.82	22.89	15.55	26.61	**	-
	HENBA1000719	21.36	28.6	18.8	18.63	23.29	31.74	21.77	16.83	13.89		
	HENBA1000722	10.72	14.07	15.25	12.4	11.9	8.36	7.24	4.41	3.46	**	-
35	HENBA1000726	32.15	32.06	69.89	34.36	26.18	30.36	36.32	22.04	41.04		
	HENBA1000727	16.97	26.82	19.68	5.88	11.41	11.31	4.45	8.11	7.29	*	**
	HENBA1000732	8.15	9.73	16.83	6.74	7.08	9.59	5.57	4.8	5.38		
	HENBA1000736	9.38	7.92	11.45	7.38	12.77	8.49	9.33	6.94	12.57		
	HENBA1000743	6.76	5.78	11.72	5.12	7.77	27.92	5.16	3.39	8.47		
	HENBA1000745	7.61	8.54	13.88	4.04	5.82	4.46	4.98	2.87	5.45		
40	HENBA1000747	5.32	4.72	12.62	2.69	5.68	3.35	3.85	2.1	3.4		
	HENBA1000748	7.08	6.97	13.44	6.2	9.91	9.41	8.23	3.96	6.55		
	HENBA1000749	18.03	20.17	33.28	13.55	12.82	15.47	12.43	12.59	18.76		
	HENBA1000752	9.61	11.01	10.43	7	5.98	6.12	4.8	4.54	8.58	**	*
	HENBA1000753	14.73	8.44	14.96	4.78	5.04	11.61	5.39	6.35	8.17		
	HENBA1000757	11.82	6.81	16.04	4.91	5.14	4.63	2.56	3.42	2.84	*	-
45	HENBA1000760	13.51	13.09	20.98	7.09	10.48	10.58	5.68	4.5	6.77	*	-
	HENBA1000769	7.76	13.89	13.94	4.47	6.26	7.04	9.68	6.14	7.78		
	HENBA1000773	3.65	4.13	15.13	0.99	5.68	8.11	2.71	1.47	3.38		
	HENBA1000774	21.34	27.53	42.71	22.13	28.3	22.38	30.47	15.88	17.88		
	HENBA1000780	6.15	5.35	9.22	6.03	4.9	4.38	2.5	2.74	2.78	*	-
	HENBA1000783	8.54	7.55	8.23	4.94	5.39	5.68	3.76	3.66	3.46	**	**
50	HENBA1000791	29.92	28.02	44.77	28.48	22.57	21.5	32.85	19.21	32.35		
	HENBA1000793	30.39	19.19	19.38	8.64	16.27	16.1	13.32	16.07	12.64		
	HENBA1000802	4.74	2.72	8.7	3.43	2.84	2.21	2.09	1.11	2.74		
	HENBA1000813	46.62	47.69	50.56	27.4	35.01	30.28	30.89	15.81	34.56	**	*
	HENBA1000817	12.55	12.98	16.93	6.72	11.22	3.95	2.79	1.89	3.94	**	-
	HENBA1000822	6.54	19.54	13.74	4.86	7.54	6.86	4.29	1.48	3.36		
55	HENBA1000827	13.88	14.84	28.11	13.31	20.08	16.37	7.68	5.83	12.73		
	HENBA1000833	12.7	15.8	16.64	5.65	5.56	4.66	3.19	1.79	1.87	**	**
	HENBA1000835	118.36	117.03	136.17	175.69	117.43	151.33	112.03	74.79	83.7		

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	HEMBA1000843	12.55	15.69	27.26	12.49	12.36	9.92	12.67	6.01	13.01			
	HEMBA1000851	7.99	8.88	11.08	3.31	3.75	3.94	6.33	2.77	2.83	**	*	-
5	HEMBA1000852	16.57	13.81	23	7.9	10.22	6.68	11.13	8.47	9.44	*	*	-
	HEMBA1000857	6.41	40.09	21.59	7.82	12.17	12.73	16.16	8.86	5.82			
	HEMBA1000869	6.66	6.92	14.84	4.94	6.58	4.87	5.66	1.59	2.82			
	HEMBA1000870	16.63	14.8	15.74	6.74	7.25	8.9	6.35	3.09	4.06	**	**	-
	HEMBA1000872	19	16.2	19.95	12.25	11.2	8.26	7.42	4.77	5.4	**	**	-
	HEMBA1000875	7.38	6.41	11.16	2.07	4.19	4.92	3.96	2.9	2.7		*	-
10	HEMBA1000876	12.29	12.13	19.01	9.58	10.69	6.67	12.67	6.89	9.73			
	HEMBA1000907	4.99	12.04	11.83	5.83	7.88	10.61	8.24	2.82	6.62			
	HEMBA1000908	7.89	3.64	11.79	2.7	10.96	1.89	2.83	0.62	3.13			
	HEMBA1000910	4.91	8.05	12.14	3.81	5.91	4.56	6.84	3.7	4.74			
	HEMBA1000918	21.04	31.68	45	25.17	23.52	19.82	25.88	9.86	18.68			
	HEMBA1000919	4.44	2.5	5.8	3.35	2.86	3.17	3.08	0.43	2.37			
15	HEMBA1000934	4.04	4.57	5.7	3.99	3.21	2.45	2.55	1.54	2.64	*	*	-
	HEMBA1000935	4.4	5.61	6.39	3.11	4.92	2.1	3.77	2.49	2.75		*	-
	HEMBA1000940	8.69	8.39	12.11	6.45	5.94	4.28	6.33	4.58	4.22	*	*	-
	HEMBA1000942	12.05	15.91	20.05	9.92	11.92	8.31	14.27	9.3	8.99			
	HEMBA1000943	2.61	3.51	9.04	0.06	1.63	0.43	1.65	0.02	0.85			
	HEMBA1000946	5.48	9.79	16.74	3.82	4.51	6.06	3.38	0.73	4.11			
20	HEMBA1000960	30.15	53.34	82.32	44.07	41.58	37.38	55.19	30.36	32.88			
	HEMBA1000962	10.91	13.68	14.99	4.87	9.87	8.15	6	5.38	7.85	*	**	-
	HEMBA1000968	9.18	5.88	12.53	7.34	5.67	5.5	4.92	3.16	5.55			
	HEMBA1000971	12.8	9.28	22.24	4.73	7.24	3.99	4.56	3.74	2.56	*		-
	HEMBA1000972	8.17	5.02	15.62	6.78	5.58	5.96	5.46	4.31	5.77			
	HEMBA1000974	17.96	18.06	33.14	22.9	19.86	19.01	13.64	8.08	13.41			
25	HEMBA1000975	8.54	6.18	15.36	5.78	4.48	4.06	6.6	5	4.55			
	HEMBA1000979	12.05	14.89	32.47	11.86	10.02	10.56	16.5	7.76	11.37			
	HEMBA1000981	31.09	24.35	60.14	12.11	16.96	23.49	26.22	14.59	14.47			
	HEMBA1000983	16.01	16.07	24.38	8.83	12.27	20.3	15.26	9.78	16.85			
	HEMBA1000985	7.28	3.65	6.98	4.91	4.64	4.99	4.05	3.11	1.91			
	HEMBA1000986	13.51	10.48	26.88	15.8	12.5	15.39	12.22	6.19	7.06			
30	HEMBA1000991	15.73	13.96	24.7	13.38	13.44	8.96	12.92	7.37	7.9			
	HEMBA1001007	6.2	4.4	10.1	3.64	3.96	2.18	2.52	1.45	2.54			
	HEMBA1001008	5.26	4.15	10.22	2.95	3.18	4.11	4.27	1.48	2.86			
	HEMBA1001009	2.98	2.47	7.99	2.44	3.53	2.07	2.05	0.9	2.84			
	HEMBA1001014	36.78	43.69	57.32	33.05	32.39	34.29	37.95	15.24	32.56			
35	HEMBA1001017	7.14	5.71	12.9	9.32	5.72	6.57	4.21	2.97	4.79			
	HEMBA1001019	6.35	3.7	5.48	7.22	3.14	5.53	3.87	2.27	2.61			
	HEMBA1001020	9.13	7.41	10.99	8.19	4.18	5.07	8.01	5.07	4.27			
	HEMBA1001021	4.2	4.32	9.05	3.87	3.59	5.86	6.3	1.95	6.15			
	HEMBA1001022	10.5	4.41	10.29	9.91	9.22	14.59	10.15	4.7	6.8			
	HEMBA1001024	1.82	2.83	5.27	3.68	2.95	3.77	2.92	1.3	2.29			
40	HEMBA1001026	3.74	3.71	5.2	2.99	4.11	4.69	3.01	1.9	3.66			
	HEMBA1001043	6.37	5.28	6.61	4.42	5.68	7.08	4.73	0.86	3.01			
	HEMBA1001051	120.57	138.21	211.05	111.88	82.79	99.92	82.72	88.42	94.95			
	HEMBA1001052	6.69	6.44	5.5	6.15	5.41	3.95	3.07	3.55	4.05	**		-
	HEMBA1001059	56.7	56.44	76.92	96.6	52.77	73	38.68	40.32	41.94	*		-
	HEMBA1001060	22.93	14.44	26.88	16.88	16.28	14.69	14.87	11.27	12.22			
45	HEMBA1001064	7.94	5.9	11.63	5.61	6.84	7.38	5.01	1.85	2.88			
	HEMBA1001071	2.97	5.22	8.35	8.63	6.39	5.39	3.26	1.85	3.81			
	HEMBA1001077	6.95	10.47	5.65	10.99	11.81	13.69	3.82	3.2	5.87			
	HEMBA1001078	13.55	16.29	18.17	15.7	24.22	16.62	14.25	7.88	7.1			
	HEMBA1001080	18.26	14.99	25.65	14.28	9.2	7.86	14.01	11.12	10.13			
	HEMBA1001084	10.12	12.02	19.64	11.43	8.23	10.4	8.52	5.91	8.47			
50	HEMBA1001085	12.67	14.13	17.46	10.37	7.16	7.36	9.72	8.19	7.2	*	*	-
	HEMBA1001088	3.47	2.77	6.21	3.04	2.22	2.64	4.71	4.47	2.67			
	HEMBA1001093	5.99	7.48	12.08	5.52	4.12	4.26	4.75	3.73	5.78			
	HEMBA1001094	3.87	3.67	7.3	1.83	2.98	1.32	1.79	1.61	3.04			
	HEMBA1001099	4.27	4.88	10.87	6.66	5.88	4.18	3.44	1.48	3.72			
	HEMBA1001104	3.23	5.58	9.6	7.66	21.55	10.79	5.83	1.68	4.13			
55	HEMBA1001109	55.09	49.61	96.04	54.26	41.61	45.47	44.91	34.62	57.09			
	HEMBA1001114	101.03	160.97	118.61	64.42	78.99	99.5	43.15	105.03	85.05			
	HEMBA1001121	8.11	7.04	9.73	5.44	4.04	4.32	4.43	2.6	4.72	*	*	-

Table 358

	HEMBA1001122	9.39	9.29	17.71	6.58	5.73	6.53	2.46	3.1	3.26	*	-
	HEMBA1001123	17.13	17.37	24.47	15.29	11.78	13.71	12.33	9.75	10.61	*	-
5	HEMBA1001133	8.92	6.97	12.93	3.69	4.11	4.57	3.05	2.9	3.3	*	-
	HEMBA1001137	6.57	7.37	12.88	4.24	4.79	2.86	4.1	2.06	3.89	*	-
	HEMBA1001140	9.64	11.4	16.66	10.87	12.26	10.82	8.45	8.07	5.83	*	-
	HEMBA1001144	75.62	79.41	130.35	64.7	57.88	71.91	43.23	38.45	52.04	*	-
	HEMBA1001145	228.88	419.26	297.93	34.88	83.53	106.81	28.23	79.02	93.39	*	-
10	HEMBA1001158	11.25	10.45	12.32	5.71	7.87	10.11	6.5	4.55	5.45	**	-
	HEMBA1001172	13.23	15.14	21.25	10.8	9.67	9.91	10.54	8.89	11.23	*	-
	HEMBA1001174	4.77	4.96	13.93	3.36	4.72	5.71	5.53	3.53	3.57	*	-
	HEMBA1001175	25.64	49.85	37.18	5.53	36.99	18.9	6.53	8.52	5.43	*	-
	HEMBA1001182	253.75	199.19	217.61	213.83	179.06	196.11	166.5	128.3	113.47	*	-
	HEMBA1001184	2.72	5.66	6.46	2.92	7.84	3.84	2.54	1.64	3.55	*	-
15	HEMBA1001192	7.71	9.61	13.89	5.11	4.84	2.98	2.49	2.97	4.44	*	-
	HEMBA1001196	20.51	33.03	45	22.81	18.19	24.13	7.47	12.08	16.7	*	-
	HEMBA1001197	377.82	621.74	482.95	613.89	355.35	492.48	223.5	509.73	494.09	*	-
	HEMBA1001208	6.77	4.91	9.09	4.11	4.25	4.69	3.47	2.44	4.54	*	-
	HEMBA1001213	162.45	150.13	151.86	224.78	129.48	188.61	135.18	97.08	115.8	*	-
	HEMBA1001214	10.4	15.18	18.46	6.51	7.45	6.56	4.99	3.77	6.34	*	-
20	HEMBA1001221	12.82	12.25	13.21	2.1	6.95	5.45	2.31	0.75	2.8	**	-
	HEMBA1001225	4.23	4.43	8.6	1.43	2.73	4.08	2.02	0.94	2.52	*	-
	HEMBA1001226	43.15	51.42	64.65	33.28	48.87	38.83	29.67	18.32	24.38	*	-
	HEMBA1001228	5.8	4.52	8.07	5.69	4.51	3.32	3.32	1.37	1.24	*	-
	HEMBA1001229	171.43	141.71	227.65	215.79	153.09	225.88	105.81	85.9	109.68	*	-
	HEMBA1001235	51.44	62.4	68.51	46.01	34.3	36.55	26.86	20.23	22.59	*	-
25	HEMBA1001238	19.14	19.72	19.8	10.86	15.88	9.5	15.04	10.36	16.33	*	-
	HEMBA1001242	153.09	161.43	160.67	152.69	145.07	151.85	99.19	75.76	86.89	**	-
	HEMBA1001247	33.3	29.15	48.14	21.32	32.34	22.28	34.27	20.52	27.05	*	-
	HEMBA1001253	159.45	91.8	142.61	116.02	138.28	127.87	95.67	74.41	74.86	*	-
	HEMBA1001257	10.7	11.57	12.78	5.67	10.33	4.37	9.19	6.06	4.62	*	-
	HEMBA1001261	6.83	4.18	8.42	7.74	2.14	4.76	3.41	1.78	5.45	*	-
30	HEMBA1001262	12	7.56	5.09	4.62	4.49	6.27	3.32	1.44	4.7	*	-
	HEMBA1001265	15.44	18.41	25	9.71	8.97	12.14	13.41	14.3	11.72	*	-
	HEMBA1001266	22.75	26.99	30.66	16.84	17.03	12.35	18.86	10.28	14.84	*	-
	HEMBA1001269	62.54	134.76	5.56	0.22	1.58	0.07	24.28	23.59	16.64	*	-
	HEMBA1001272	5.33	4.56	13.33	2.87	3.94	3.83	3.1	1.67	1.95	*	-
	HEMBA1001279	26.1	31.13	42.25	28.49	33.02	28.73	22.53	17.36	24.84	*	-
35	HEMBA1001281	43.22	55.66	55.89	31.39	34.2	26.87	21.08	11.24	15.62	*	-
	HEMBA1001286	42.89	33.78	59.69	41.46	36.64	48.02	50.11	34.66	41.6	*	-
	HEMBA1001289	4.71	4.83	5.28	3.13	4.27	3.23	3.56	1.6	3.12	*	-
	HEMBA1001291	36.57	24.72	38.55	19.37	18.57	13.13	19.39	15.96	11.69	*	-
	HEMBA1001294	8.41	15.41	16.09	9.8	8.09	6.28	18.25	5.05	15.73	*	-
	HEMBA1001296	7.97	20.06	12.99	5.33	6.56	3.52	5.19	2.03	4.63	*	-
40	HEMBA1001297	10.62	19.22	19.19	4.41	7.4	5.61	6.49	1.83	3.17	*	-
	HEMBA1001299	34.22	39.68	53.21	25.14	29.23	20.66	39.68	22.86	32.79	*	-
	HEMBA1001302	25.32	40.78	38.96	17.94	26.15	22.11	18.04	11.91	7.95	*	-
	HEMBA1001303	10.97	8.86	13.92	4.53	5.04	4.42	4.71	4.03	7.45	*	-
	HEMBA1001306	14.82	11.94	17.26	5.51	7.45	6.38	3.83	5.28	4.41	**	-
	HEMBA1001308	44.73	35.49	88.39	29.14	49.52	28	40.25	28.31	38	*	-
45	HEMBA1001310	8.14	6.04	8.8	2.67	3.81	3.08	5.37	3.64	2.99	**	-
	HEMBA1001312	42.22	39.35	44.87	10.33	40.14	18.42	38.81	18.56	13.38	*	-
	HEMBA1001319	3.83	6.75	12.77	3	5.03	13.5	4.72	0.95	4.62	*	-
	HEMBA1001322	10.16	10.91	17.38	3.57	7.15	4.09	5.93	2.59	3.36	*	-
	HEMBA1001323	41.14	36.93	47.79	17.38	18.24	15.31	13.85	10.42	3.9	**	-
	HEMBA1001326	38.26	32.16	36.43	4.89	17.62	29.01	7.49	3.64	9.8	**	-
	HEMBA1001327	22.04	9.71	15.11	7.66	12.59	16.77	4.84	4.12	2.75	*	-
50	HEMBA1001330	29.76	31.78	64.11	34.67	26.99	26.81	34.76	20.01	20.9	*	-
	HEMBA1001348	8.77	6.35	12.87	5.62	7.19	5.23	5.41	4.95	2.78	*	-
	HEMBA1001350	11.78	12.52	19.81	3.72	3.89	6.89	7.45	5.17	4.88	*	-
	HEMBA1001351	31.73	33.01	83.64	16.41	14.04	17.67	14.45	12.88	6.51	*	-
	HEMBA1001352	16.11	10.31	24.58	3.9	5.27	4.13	8.48	3.75	2.44	*	-
55	HEMBA1001353	239.33	87.11	196.31	30.75	66.77	70.17	148.92	56.48	39.11	*	-
	HEMBA1001358	74.35	56.7	93	21.23	34.67	61.64	20.12	9.88	14.9	**	-
	HEMBA1001361	9.19	10.7	19.27	11.26	10.32	15.03	5.68	3.47	4.41	*	-

Table 359

	HEMBA1001364	5.59	5.71	8.25	5.34	8.32	6.23	4.19	2.87	3.41	*	-
	HEMBA1001375	10.82	8.04	9.96	6.56	6.52	8.55	3.93	8.03	4.02		
5	HEMBA1001377	30.09	30.45	47.44	34.01	31.38	34.79	26.34	19.08	22.43		
	HEMBA1001383	3.91	6.12	10.35	4.08	4.49	3.29	3.04	1.16	2.13		
	HEMBA1001387	4.6	4.17	9.82	4.35	3.61	5.27	5	2.3	4.29		
	HEMBA1001388	3.38	12.99	10.77	8.84	13.96	11.27	14.15	2.79	4.79		
	HEMBA1001390	16.62	20.96	41.58	20.9	20.32	29.35	22.75	17.7	27.56		
	HEMBA1001391	2.64	5.63	6.65	6.35	4.1	4.57	3.4	1.38	3.14		
10	HEMBA1001398	7.95	9	20.79	14.55	10.11	10.1	9.09	3.86	9.96		
	HEMBA1001405	12.88	15.37	29.38	17.27	15.08	16.39	13.42	7.68	15.76		
	HEMBA1001406	1.07	1.48	6.07	4.64	2.23	2.45	3.84	0.53	2.8		
	HEMBA1001407	26.07	42.46	69.39	34.3	28.94	28.07	26.15	15.14	21.96		
	HEMBA1001411	12.19	10.95	23.76	12.34	12.91	16.6	13.01	4.8	11.91		
	HEMBA1001413	3.96	7.52	13.68	7.68	4.74	6.7	4.77	2.46	3.91		
15	HEMBA1001414	10.32	10.99	22.49	13.09	11.95	9.01	7.42	9.57	11.87		
	HEMBA1001415	108.07	112.24	218.31	253.58	139.52	200.62	94.4	74.64	97.27		
	HEMBA1001416	5.94	4.6	7.89	5.06	3.57	4.15	3.74	1.73	3.21	*	-
	HEMBA1001432	3.3	3.49	7.34	4.93	5.95	7.57	4.22	3.23	2.6		
	HEMBA1001433	5.11	5.55	7.48	5.92	7.1	6.22	4.04	2.29	5.52		
20	HEMBA1001435	448.61	559.24	661.15	777.73	679.52	650.29	640.12	377.73	869.06		
	HEMBA1001442	5.84	10.08	7.28	7.83	12.04	8.46	5.85	1.96	2.4		
	HEMBA1001448	3.77	5.34	6.49	8.2	4.64	4.7	3.45	2.22	3.65		
	HEMBA1001450	87.92	103.44	150.5	232.41	124.8	175.34	89.47	74.72	92.31		
	HEMBA1001454	32.58	33.13	59.47	19.79	12.7	25.66	18.88	24.9	33.22		
	HEMBA1001455	4.27	6.3	7.42	3.13	5.27	4.96	6.16	1.51	6.96		
	HEMBA1001459	13.66	26.28	34.13	12.19	9.69	14.19	9.18	11.22	13.6		
25	HEMBA1001461	30.98	26.88	43.29	63.45	32.06	36.73	26.62	18.12	23.29		
	HEMBA1001462	9.43	9.05	11.64	4.2	7.04	5.63	4.19	2.77	3.22	*	**
	HEMBA1001463	1.15	4.7	4.74	4.99	6.6	4.02	4.68	1.57	3.46		
	HEMBA1001469	23.94	42.87	64.76	64.17	33.38	52.34	14.36	18.57	20.01		
	HEMBA1001473	7.37	9.89	11.35	4.59	3.3	4.44	2.71	5.14	2.51	*	*
30	HEMBA1001477	143.72	139.98	283.29	91.65	145.02	139.05	125.85	114.31	63.92		
	HEMBA1001478	3.38	2.99	11.83	2.63	2.55	3.35	2.27	2.13	2.08		
	HEMBA1001480	12.29	13.63	23.93	4.88	9.2	12.63	3.97	2.72	4.12	*	-
	HEMBA1001483	20.97	27.37	23.32	22.22	18.94	28.05	14.33	10.01	19.51	*	-
	HEMBA1001490	14.01	20.37	28.13	15.26	17.45	15.48	22.44	13.02	12.6		
	HEMBA1001495	29.87	31.18	55.68	75.52	52.85	69.44	21.73	15.8	24.63		
35	HEMBA1001497	50.34	63.13	114.17	128.19	117.69	137.5	43.07	37.4	51.44		
	HEMBA1001510	6.77	7.43	13.73	8.69	8.1	7.82	5.34	3.9	10.87		
	HEMBA1001515	4.96	2.98	9.2	1.95	4	3.02	1.96	0.89	7.49		
	HEMBA1001517	8.97	7.98	15.08	6.1	6.94	5.43	7.39	5.25	8.47		
	HEMBA1001522	12.78	16.29	21.22	10.39	13.01	11	10.54	9.25	10.66		
	HEMBA1001526	8.05	10.86	20.31	6.19	10.35	7.24	6.93	4.75	7.32		
40	HEMBA1001533	10.67	13.52	23.12	12.09	16.84	9.55	9.42	6.16	11.58		
	HEMBA1001547	5.91	8.31	10.54	8.17	5.66	9.57	6.23	2.5	7.38		
	HEMBA1001552	2.97	4.72	5.75	6.36	5.56	2.49	2.68	1	5.09		
	HEMBA1001553	11.17	10.19	22.05	10.98	12.27	11.05	5.91	7.82	10.68		
	HEMBA1001557	7.49	2.45	11.09	3.83	4.84	5.27	3.14	6.97	8.01		
	HEMBA1001563	6.6	2.01	15.37	5.55	6.29	6.53	4.15	2	6.53		
45	HEMBA1001566	4.27	3.01	8.62	2.13	3.6	3.87	2.2	1.62	3.88		
	HEMBA1001569	9.15	15.35	27.87	11.41	11.78	14.08	8.02	5.27	11.03		
	HEMBA1001570	10.89	22.06	19.57	12.99	13.03	16.53	9.14	4.13	3.81	*	-
	HEMBA1001579	95.92	121.26	222.36	134.48	102.06	70.96	25.6	43.38	73.16		
	HEMBA1001581	4.11	4.25	7.71	3.25	2.45	2.33	0.91	1.64	3.55		
	HEMBA1001582	12.19	16.67	20.04	15.87	10.82	11.89	13.98	8.69	21.33		
50	HEMBA1001585	6.81	4.99	13.1	7.76	5	7.16	4.04	1.85	5.57		
	HEMBA1001589	7.95	8.96	19.02	7.86	6.17	6	7.81	5.42	8.45		
	HEMBA1001595	152.72	179.08	178.84	145.86	142.24	141.98	126.66	83.83	110.77	*	*
	HEMBA1001604	23.66	24.89	37.02	23.72	21.32	19.26	15.97	14.33	15.78	*	-
	HEMBA1001608	43.55	20.96	66.71	67.7	43.63	57.55	24.58	18.07	23.43		
	HEMBA1001615	5.42	4.63	6.98	6.61	4.72	4.09	3.11	2.02	10.18		
55	HEMBA1001620	30.69	48.66	53.49	25.04	17.81	22.67	7.35	9.47	10.42	*	**
	HEMBA1001621	8.82	12.26	20.39	18.14	12.47	10.32	10.67	8.68	14.11		
	HEMBA1001635	3.29	3.32	8.82	2.2	2.68	3.13	2.05	0.94	1.44		

Table 360

	HEMBA1001636	3.01	3.66	7.63	2.63	2.16	1.96	2	2.43	2.09			
	HEMBA1001640	29.8	43.06	50.77	23.27	24.57	21.36	34.37	24.57	21.57	*	-	
5	HEMBA1001647	5.45	3.94	16.28	4.05	6.97	2.61	5.21	2.15	4.19			
	HEMBA1001651	40.26	49.2	70.61	64.68	55.88	51.2	30.59	17.33	15.12	*	-	
	HEMBA1001655	10.17	9.88	20.1	6.79	14.34	13.87	15	5.01	12.4			
	HEMBA1001658	5.48	21.34	12.68	3.21	27.79	21.94	17.32	4.91	4.48			
	HEMBA1001661	1.92	2.27	3.66	1.72	2.22	1.93	2.04	0.71	3.46			
	HEMBA1001665	5.27	5.54	9.55	3.17	2.96	2.46	2.94	1.87	2.02	*	*	-
10	HEMBA1001670	14.59	18.93	22.5	10.01	11.18	7.78	13.23	9.01	14.55	*	-	
	HEMBA1001672	5.67	6.19	14.07	4.38	5.16	2.99	5.11	2.78	4.53			
	HEMBA1001673	67.5	83.13	100.8	79.52	76.6	62.66	79.54	46.76	80.49			
	HEMBA1001675	11.65	14.39	26.02	11.92	12.54	11.44	8.96	6.24	12.74			
	HEMBA1001676	5.94	6.55	16.33	9.03	9.2	9.7	5.97	3.49	7.17			
15	HEMBA1001678	408.84	460.84	545.99	212.4	385.11	245.37	243.82	358.42	324.52	*	*	-
	HEMBA1001680	17.81	21.9	34.13	4.77	16.15	9.85	5.24	7.39	4.29	*	-	
	HEMBA1001681	4.07	7.09	7.63	4.19	6.03	3.95	5.56	3.95	9.27			
	HEMBA1001684	9.98	10.79	18.76	5.52	7.17	3.85	8.63	7.5	7.69			
	HEMBA1001695	6.3	10.78	12.26	4.59	5.86	5.01	6.15	3.07	8.56			
	HEMBA1001702	4.21	4.98	12.28	2.87	3.73	2.48	2.67	0.5	1.76			
20	HEMBA1001709	2.14	4.26	13.24	2.55	2.4	2.49	3	0.8	2.49			
	HEMBA1001711	4.46	2.9	7.77	4.65	5.15	6.37	2.22	1.03	3.22			
	HEMBA1001712	17.3	21.73	24.38	4.68	4.43	7.93	6.13	3.94	7.49	**	**	-
	HEMBA1001714	5.44	5.05	12.26	3.87	6.98	3.98	4.35	1.76	2.27			
	HEMBA1001717	12.02	13.24	20.14	10.04	12.58	8.86	8.97	5.33	8.75			
	HEMBA1001718	6.01	7.09	16.45	6.91	7.4	6.4	6.45	5.23	4.35			
25	HEMBA1001723	4.38	5.84	13.91	3.89	3.74	3.51	3.82	2.36	1.25			
	HEMBA1001731	2.72	5.88	12.37	2.09	2.33	1.98	2.59	1.24	1.73			
	HEMBA1001734	3.48	4.86	15.18	4.34	3.76	3.13	3.75	1.03	2.79			
	HEMBA1001736	7.38	10.86	24.38	12.76	10.32	13.2	4.98	2.9	5.27			
	HEMBA1001741	15.06	22.96	34.81	18.57	17.99	31.53	19.64	14.22	21.03			
	HEMBA1001744	3.63	4.77	7.03	5.75	5.45	4.88	3.08	0.38	1.67			
30	HEMBA1001745	6.61	5.99	11.87	4.17	5.23	3.45	2.53	2.9	1.77	*	-	
	HEMBA1001746	10	14.3	20.05	11.55	8.04	11.63	7.31	4.66	10.54			
	HEMBA1001761	4.09	4.47	15.81	2.95	5.47	4.97	4.55	2.51	3.77			
	HEMBA1001762	12.27	16.22	31.71	11.79	12.77	9.07	10.3	5.04	7.64			
	HEMBA1001781	15.21	11.25	22.91	6.13	9.86	7.74	12.65	6.92	10.68			
	HEMBA1001784	7.14	8.4	14.02	11.89	8.86	32.45	4.84	4.18	5.94			
35	HEMBA1001791	5.49	5.04	11.37	7.91	5.03	6.87	4.96	3.16	6.54			
	HEMBA1001794	20.29	19.03	24.02	20.07	12.65	17.58	18.71	4.14	12.87			
	HEMBA1001800	3.21	4.6	5.87	7.34	5.09	5.03	5.14	1.64	4.39			
	HEMBA1001803	13.17	17	29.4	25.23	15.99	17.41	14	9.49	14.18			
	HEMBA1001804	10.28	12.82	18.21	18.52	13.37	6.76	5.06	3.75	9.33			
	HEMBA1001808	1.39	1.46	0.57	2.77	3.18	1.86	0.98	1.2	0.86	*	+	
40	HEMBA1001809	10.03	14.07	29.16	27.06	14.98	19.9	10.22	6.76	12.88			
	HEMBA1001811	4.85	4.27	3.18	10.29	3.63	4.31	3.6	2.84	5.25			
	HEMBA1001815	12.35	11.27	24.93	14.76	10.57	16.04	11.75	6.51	11.06			
	HEMBA1001816	15.52	16.02	31.22	15.84	13.09	17.05	15.48	10.68	15.2			
	HEMBA1001819	6.04	14.01	18.63	8.04	9.05	17.69	7.85	3.75	9.93			
	HEMBA1001820	1.8	2.22	6.75	3.5	2.81	3.45	1.98	0.63	2.02			
45	HEMBA1001822	10	12.84	23.21	14.57	16.12	12.64	12.36	6.85	15.78			
	HEMBA1001824	5.2	8.63	7.51	6.46	8.51	5.78	4.67	0.98	4.7			
	HEMBA1001835	9.56	9.62	14.11	4.64	5.39	6.11	3.44	4.66	3.04	*	**	-
	HEMBA1001844	8.02	10.52	19.05	12.42	10.73	9.57	5.22	6.54	4.99			
	HEMBA1001847	5.48	6.03	7.01	5.38	4.93	4.88	3.96	3.19	3.69	**	-	
	HEMBA1001849	6.93	9.14	14.78	5.03	7.86	7.21	7.8	8.87	10.07			
50	HEMBA1001850	16.31	17.09	25.61	18.6	20.16	20.58	11.51	7.47	10.97	*	-	
	HEMBA1001861	2.36	3.42	4.47	4.07	3.37	3.99	2	1.11	3.64			
	HEMBA1001862	13.85	31.74	17.1	16.22	16.82	16.11	10.11	2.6	10.67			
	HEMBA1001864	2.79	3.87	7.65	5.32	5.64	4.4	3.29	2.25	6.43			
	HEMBA1001866	5.87	7.28	17.71	11.53	8.34	6.62	3.42	4.81	5.52			
	HEMBA1001869	12.96	19.53	27.66	23.68	16.72	23.14	5.91	10.06	12.62			
55	HEMBA1001871	3.56	6.35	8.61	4.54	2.2	3.49	3.21	1.17	2.75			
	HEMBA1001876	4.6	3.93	8.22	5.16	4.46	4.33	3.76	4.15	6.11			
	HEMBA1001878	8.8	14.72	27.92	7.18	13.52	10.62	6.43	4.37	4.82			

Table 361

	HEMBA1001879	23.8	24.57	36.17	27.25	30.71	21.12	18.92	12.59	21.51			
	HEMBA1001884	22.79	25.41	39.57	18.36	21.7	20.15	24.74	18.16	27.02			
5	HEMBA1001886	2.49	3.21	10.85	4.21	4.2	3.06	3.99	2.94	2.81			
	HEMBA1001888	5.93	5.79	13.13	8.79	5.21	8.71	5.32	6.52	7.9			
	HEMBA1001890	12.55	17.2	16.26	7.93	7.84	9.91	5.34	7.04	9.79	*	*	-
	HEMBA1001896	8.62	13.4	18.92	9.94	9.97	13.19	7.37	7.12	11.57			
	HEMBA1001899	9.63	9.32	14.65	9.07	9.12	9.82	4.74	3.78	7.78			
	HEMBA1001904	17.69	9.43	25.81	8.49	15.82	16.23	7.42	3.21	4			
10	HEMBA1001910	13.84	17.03	18.88	10.76	16.22	11.5	15.72	11.44	11.3			
	HEMBA1001911	84.18	136.96	104.54	60.48	92.99	36.82	38.97	44.93	16.51	*		-
	HEMBA1001912	8.8	18.15	15.1	11.38	13.1	11.76	6.02	5.45	6.48	*		-
	HEMBA1001913	63.5	67.85	178.77	91.97	76.48	71.89	38.1	40.9	79.58			
	HEMBA1001915	9.95	12.39	24.42	17.53	14.5	13	8.17	4.57	10.88			
	HEMBA1001918	5.57	6.46	12.5	8.11	6.81	8.09	4.3	2.18	7.19			
15	HEMBA1001921	8.68	9.91	12.62	8.57	8.25	7.86	5.28	3.66	4.78	**		-
	HEMBA1001931	9.24	10.47	21.38	7.16	7.58	6.86	8.41	6.87	7.96			
	HEMBA1001939	3.59	7.32	15.17	1.25	16.55	5.08	4.84	5.03	14.82			
	HEMBA1001940	11.2	9.93	21.45	9.87	12.2	10.55	7.02	5.09	7.03			
	HEMBA1001942	22.25	36.8	27.34	8.22	35.32	31.27	17.26	9.8	12.44	*		-
20	HEMBA1001944	14.23	17.39	30.07	21.25	14.66	13.47	4.56	8.32	14.97			
	HEMBA1001945	8.53	9.04	18.07	9.58	9.66	6.81	6.7	4.7	10.21			
	HEMBA1001950	35.24	36.06	25.81	22.39	20.56	21.76	31.55	22.6	14.77	*		-
	HEMBA1001951	39.37	38.17	52.67	44.58	33.39	34.05	41.69	23.81	45.03			
	HEMBA1001953	3.68	3.88	9.13	1.87	2.36	1.68	2.36	1.43	3.59			
	HEMBA1001960	11.92	13.79	24.84	7.91	13.38	11.06	7.97	3.56	9.09			
25	HEMBA1001962	10.82	11.31	28.75	9.3	13.76	9.37	10.95	7.24	13.69			
	HEMBA1001964	11.99	14.1	28.18	9.47	13.95	12.22	12.21	4.77	10.5			
	HEMBA1001967	33.16	31.11	63.39	22.3	13.19	20.77	8.29	10.21	24.27			
	HEMBA1001979	6.77	6.74	6.61	3.38	4.61	6.79	4.27	2.37	4.75	*	*	-
	HEMBA1001987	6.84	5.64	7.7	5.03	3.79	3.32	4.73	5.25	2.63	*		-
	HEMBA1001991	4.14	2.8	6.6	1.78	2.7	1.18	2.19	1.73	1.57			
30	HEMBA1002003	3.19	3.64	8.31	2.58	2.51	1.13	4.14	2.93	2.53			
	HEMBA1002005	21.43	25.67	43.64	22.86	20.88	16.44	24.76	11.27	20.55			
	HEMBA1002008	15.2	19.08	39.6	14.05	18.61	13.62	20.77	11.98	21.03			
	HEMBA1002018	4.58	11.59	12.53	3.51	5.86	20.49	4.43	1.81	2.74			
	HEMBA1002022	29.07	36.45	75.11	52.83	42.93	48.33	30.25	25.12	55.78			
	HEMBA1002029	19.99	24.25	30.34	10.7	17.32	16.65	10.55	13.15	11.59	*	*	-
35	HEMBA1002030	11.06	12.89	19.22	8.24	7.3	5.76	8	6.82	6.24	*	*	-
	HEMBA1002035	3.07	17.04	7.87	2.25	5.11	2.16	4.64	3.69	6.06			
	HEMBA1002037	95.17	141.19	140.82	59.83	84.82	73.74	61.45	42.2	28.14	*	*	-
	HEMBA1002038	11.96	19.11	18.49	6.44	9.02	6.74	4.63	2.27	2.59	*	**	-
	HEMBA1002039	5.42	7.41	13.49	2.37	5.91	2.48	3.27	1.37	3.16	*	*	-
	HEMBA1002042	3.25	8.61	11.52	6.6	6.65	6.58	7.97	0.75	4.67			
40	HEMBA1002043	13.24	16.58	22.47	5.13	6.87	6.08	5.01	5.72	8.43	*	*	-
	HEMBA1002048	25.65	31.58	36.46	5.14	12.63	17.17	11.27	12.56	24.5	*	*	-
	HEMBA1002049	431.22	564.03	858.02	234.02	525.06	482.28	304.41	585.23	233.29			
	HEMBA1002053	66.35	61.58	114.43	104.42	98.85	104.79	56.5	40.65	69.44			
	HEMBA1002055	19.16	20.77	33.11	22.38	16.8	17.16	15.07	11.5	15.77			
	HEMBA1002056	5.26	6.55	10.96	2.52	2.93	4.72	5.3	2.16	5.03			
45	HEMBA1002061	3.02	4.19	9.86	2.45	3.45	0.92	2.37	0	1.82			
	HEMBA1002080	2.59	8.96	20.11	3.27	8.34	5.7	6.09	2.76	4.82			
	HEMBA1002084	7.01	3.85	10.52	5.96	3.47	4.97	2.69	1.31	2.02			
	HEMBA1002085	3.68	5.88	10.92	2.9	5.24	7.31	3.65	1.95	5			
	HEMBA1002092	18.94	17.76	38.17	14.49	14.47	17.01	14.19	7.25	10.23			
	HEMBA1002098	8.74	16.29	15.2	3.59	8.82	8.02	9.31	14.32	5.83			
50	HEMBA1002100	13.69	10.18	19.02	11.56	6.49	4.52	8.34	7.69	7.11			
	HEMBA1002101	12.62	14.09	31.93	14.79	12.76	11.05	16.17	8.68	13.96			
	HEMBA1002102	4.18	7.54	13.28	4.1	4.71	4.56	3.77	3.14	3.09			
	HEMBA1002105	5.07	7.15	15.22	5.77	3.71	9.62	4.21	1.98	2.79			
	HEMBA1002107	7.22	7.4	21.27	9.53	10.18	12.18	2.67	2.93	5.58			
	HEMBA1002113	5.14	7.17	14.68	10.73	7.63	8.56	6.5	2.35	7.99			
55	HEMBA1002119	24.1	26.96	60	38.03	31.14	26.41	31.91	16.47	21.72			
	HEMBA1002125	4.31	5.62	9.66	11.65	3.83	5.15	2.02	2.4	2.97			
	HEMBA1002131	2612	1876.5	3959.7	1306.5	2879.6	1519.6	1255.8	1936.4	1651.4			

Table 362

	HEMBA1002133	29.03	35.39	76.13	107.6	70.61	84.67	29.03	14.5	31.23		
	HEMBA1002139	11.59	23.7	52.84	28.04	21.84	20.31	32.1	12.89	25.76		
5	HEMBA1002141	3.72	5.77	10.55	5.21	5.75	3.18	3.83	1.34	5.31		
	HEMBA1002144	2.85	4.6	6.42	4.94	2.2	5.21	1.49	2.58	2.66		
	HEMBA1002147	10.27	15.44	23.81	11.25	8.38	13.35	8.76	6.54	9.55		
	HEMBA1002150	1.33	1.23	3.53	2.46	2.28	2.8	1.93	0.73	2.03		
	HEMBA1002151	6.03	4.63	11.41	5.99	5.56	6.68	5.34	2.78	4.91		
	HEMBA1002153	0.77	2.83	4.03	3.46	4.19	3.78	2.71	1.39	3.61		
10	HEMBA1002156	2.06	3.91	4.83	5.6	4.46	2.69	2.87	0.76	2.49		
	HEMBA1002160	56.44	32.19	84.15	108.2	70.78	79.86	43.2	16.4	44.96		
	HEMBA1002161	44.7	21.27	41.93	61.65	55.83	51.89	26.74	12.83	24.21		
	HEMBA1002162	89.86	103.46	226.68	313.25	143.99	221.76	91.22	73.96	98.59		
	HEMBA1002163	40.99	33.35	79.59	79.2	53.49	69.59	30.86	22.17	36.21		
	HEMBA1002164	5.75	8.38	13.54	8.04	3.83	5.52	3.45	2.03	3.62		
15	HEMBA1002166	15.02	15.38	25.99	20.34	17.99	15.76	15	11.24	18.28		
	HEMBA1002167	11.24	16.13	23.3	10.71	13.78	13.32	12.46	7.17	15.43		
	HEMBA1002173	2.74	4.74	7.08	7.8	4.98	8.26	4.32	0.11	6.96		
	HEMBA1002177	3.19	7.92	6.73	9.46	13.68	11.32	3.6	0.89	5.89	*	+
	HEMBA1002178	3.07	3.14	5.24	4.35	5.65	4.54	2.7	1.64	3.18		
	HEMBA1002179	4.9	4.72	9.91	6.66	4.93	4.53	2.62	2.86	3.55		
20	HEMBA1002185	24.67	32.27	51.89	14.08	21.43	18.77	8.38	11.95	12.92	*	-
	HEMBA1002188	5.88	6.14	7.11	2.97	4.39	3.33	2.27	4.54	2.68	**	*
	HEMBA1002189	69.59	81.69	157.25	233.85	141.07	152.77	75.89	48.73	66.24		
	HEMBA1002191	4.08	3	7.66	6.05	7	4.24	3.01	1.76	4.2		
	HEMBA1002192	5.95	7	11.91	7.01	6.79	6.52	4.64	2.39	5.33		
	HEMBA1002195	4.46	6.6	10.03	6.4	6.23	6.42	6.4	2.77	4.74		
25	HEMBA1002196	11.48	14.42	16.69	14.62	12.56	12.05	7.65	1.78	5.06	*	-
	HEMBA1002199	17.19	29.45	44.34	8.12	15.7	10.6	4.22	6.56	8.91	*	-
	HEMBA1002204	12.36	17.29	25.36	18.54	15.65	13.06	6.95	7.55	12.67		
	HEMBA1002208	4.42	3.1	8.67	2.76	2.3	3.61	1.67	2.17	2.81		
	HEMBA1002212	8.54	9.41	18.06	5.8	6.49	9.16	8.07	6.31	7.72		
	HEMBA1002215	3.77	4.75	11.1	3.82	3.64	4.93	3.19	2.31	3.82		
30	HEMBA1002217	3.21	2.97	8.05	1.88	2.5	3.26	2.77	1.7	3.42		
	HEMBA1002220	40.07	58.29	38.41	33.44	37.1	26.5	27.12	21.87	26.71	*	-
	HEMBA1002226	3.86	6.37	9.01	5.94	8.12	6.13	6.11	1.94	2.28		
	HEMBA1002227	29.2	48.92	80.06	21.26	24.93	28.49	9.06	21.04	35.76		
	HEMBA1002229	33.53	65.16	51.1	12.99	38.46	30.19	10.92	21.02	13.32	*	-
35	HEMBA1002237	5.24	7.25	13.43	6.25	5.49	6.14	5.27	3.9	7.13		
	HEMBA1002239	4.63	2.53	7.61	2.56	2.45	2.52	2.39	1.83	5.54		
	HEMBA1002241	106.58	86.21	101.41	191.32	99.49	119.15	95.67	52.74	66.24	*	**
	HEMBA1002253	12.22	17.16	20.51	2.71	7.33	6.42	3.87	2.39	2.33	*	*
	HEMBA1002257	7.54	10.24	15.29	4.58	6.87	7.36	4.9	4.18	3.85	*	*
	HEMBA1002258	13.5	22.26	29.8	14.68	19.62	16.23	17.99	11.27	18.91		
	HEMBA1002262	15.09	23.24	29.3	18.72	15.42	11.55	9.03	9.95	14.69		
40	HEMBA1002265	14.18	19.86	21.44	12.15	13.48	12.48	8.23	10.18	13.41	*	-
	HEMBA1002267	27.68	15.47	50.07	10.16	19.76	26.78	8.51	9.81	8.8		
	HEMBA1002270	6.74	5	13	3.57	4.76	3.79	3.06	1.88	3.1		
	HEMBA1002286	3.26	3.45	8.41	1.32	1.98	2.17	2.49	0.44	3.13		
	HEMBA1002290	13.88	14.35	29.79	17.54	14.92	16.25	8.98	7.54	11.64		
45	HEMBA1002302	2.59	3.21	9.4	1.67	2.25	2.2	2.59	2.03	2.91		
	HEMBA1002304	28.75	42.22	44.71	47.37	56.93	39.52	32.89	19.02	22.8		
	HEMBA1002307	11.61	12.1	29.02	16.8	17.62	14.8	7.63	7.75	11.14		
	HEMBA1002316	59.64	53.59	76.81	100.13	70.41	86.41	40.44	34.11	39.43	*	-
	HEMBA1002319	5.85	5.03	12.11	6.82	5.15	5.86	4.45	4.18	4.84		
	HEMBA1002320	5.15	6.41	11.19	4.43	3.26	5.68	2.72	1.07	1.82	*	*
50	HEMBA1002321	26.14	32.72	45.81	15.36	15.91	12.15	25.74	14.29	26.13		
	HEMBA1002328	3.49	3.33	9.66	1.53	2.94	1.89	1.67	1.15	3.51		
	HEMBA1002333	14.03	17.53	33.87	10.39	17.53	10.54	14.85	12.2	18.17		
	HEMBA1002337	74.1	90.11	104.64	39.01	88.83	67.57	65.51	46.31	39.48	*	-
	HEMBA1002339	7.99	5.95	12.61	11.75	8.3	7.98	3.81	2.17	4.39		
	HEMBA1002341	10.07	14.65	15.74	8.32	6.89	8.79	4.57	2.09	3.76	*	**
55	HEMBA1002348	59.9	42.49	67.67	22.81	39.26	47.94	42.75	47.55	14.2		
	HEMBA1002349	3.79	4.77	8.57	3.9	2.41	2.17	3.1	1.47	1.4		
	HEMBA1002353	16.84	19.17	38.76	16.44	19.61	18.36	31.34	14.04	19.17		

Table 363

	HENBA1002356	36	42.3	70.07	29.6	29.36	25.6	38.93	22.92	26.48			
	HENBA1002357	5.52	13.1	13.45	6.21	11.96	5.72	6.55	2.43	6.78			
5	HENBA1002360	7.18	14.99	31.64	16.74	12.78	10.39	10.06	6.73	9.23			
	HENBA1002363	7.21	6.56	15.23	7.32	10.07	12.95	6.94	4.08	5.41			
	HENBA1002365	5.13	6.37	6.27	3.06	3.21	2.92	4.54	1.5	1.04	**	*	-
	HENBA1002370	2.68	3.2	4.12	1.48	1.53	1.16	1.82	1.08	0.59	*	*	-
	HENBA1002374	7.98	8.73	12.15	4.74	5.3	4.18	4.71	3.04	5.14	*	*	-
	HENBA1002376	3.93	7.64	11.22	5.3	5.08	2.77	3.34	1	2.5			
10	HENBA1002377	9.59	9.89	16.96	5.63	7.09	6.15	6.12	1.21	4.87	*		-
	HENBA1002380	10.33	16.4	28.08	14.11	13.73	11.4	15.31	7.9	14.99			
	HENBA1002381	4.05	9.29	15.58	7.37	6.4	6.25	6.86	1.71	6.19			
	HENBA1002384	8.47	11.56	16.49	7.99	8.37	10.32	10.3	5.34	12.08			
	HENBA1002389	11.42	20.29	29.05	5.75	14.68	8.45	8.49	15.83	6.08			
	HENBA1002396	12.69	16.26	27.27	7.41	9.5	6.56	5.14	3.17	3.81	*		-
15	HENBA1002402	11.74	16.83	21.99	13.15	10.97	7.11	8.38	8.96	10.5			
	HENBA1002417	16.84	19.38	28.25	14.12	13.6	10.71	18.74	11.52	12.94			
	HENBA1002419	5.76	8.38	11.36	2.24	4.5	1.91	3.6	1.74	2.93	*	*	-
	HENBA1002420	19.24	23.07	51.09	26.34	25.11	18.31	20.11	12.19	18.92			
	HENBA1002421	18.39	32.76	48.68	28.36	38.24	25	28.96	7.94	14.32			
20	HENBA1002423	22.61	32.68	44.06	7.09	7.86	5.55	4.56	5.5	6.54	*	*	-
	HENBA1002424	10.97	10.88	26.72	15.1	10.87	9.61	12.1	6.14	11.48			
	HENBA1002426	7.39	16.83	33.68	10.19	19.75	11.23	14.09	9.36	9.51			
	HENBA1002430	3.4	2.99	7.25	1.05	5.01	3.49	1.89	3.82	1.55			
	HENBA1002439	16.88	14.68	38.41	5.15	12.09	6.57	10.43	3.04	5.71			
	HENBA1002441	6.85	11.02	20	8.08	6.54	5.94	8.36	4.52	6.62			
25	HENBA1002454	12.57	18.57	41.83	19.84	16.12	15.91	15.68	8.28	16.15			
	HENBA1002458	18.76	29.12	42.05	23.99	29.98	19.78	21.68	9.8	15.93			
	HENBA1002460	17.05	22.65	60.16	30.55	31.36	38.17	25.74	12.29	25.18			
	HENBA1002462	4.29	4.96	6.67	4.04	2.82	5.54	6.09	4.59	1.34			
	HENBA1002465	18.46	17.14	33.42	10.69	9.15	14.44	4.41	4.25	2.08	*		-
	HENBA1002469	5.68	18.77	19	7.83	8.55	8.09	9.48	5.61	6.29			
30	HENBA1002475	4.8	4.95	7.67	3.53	3.61	2.82	2.16	0.66	3.66	*		-
	HENBA1002477	14.5	19.14	47.19	10.6	19.29	17.91	11.51	6.53	9.54			
	HENBA1002480	3.04	4.91	11.31	4.99	4.91	2.26	3.45	1.28	2.5			
	HENBA1002481	3.73	5.8	10.36	6.68	9.38	9.35	6.55	0.82	5.73			
	HENBA1002486	14.96	20.73	36.85	17.9	13.84	17.9	9.8	9.17	15.34			
	HENBA1002490	32.89	43.68	75.36	48.87	29.68	38.22	19.18	16.64	20.65			
35	HENBA1002495	43.66	58.23	82.55	111.1	32.51	41.26	76.83	29.1	14.88			
	HENBA1002498	3.78	6.46	9.54	6.71	5.27	12.7	10.64	3.53	6.2			
	HENBA1002501	7.77	5.26	15.06	10.61	8.44	10.8	6.66	2.76	7.39			
	HENBA1002503	1.3	3.76	4.26	11.14	4.16	3.06	2.94	0.74	2.46			
	HENBA1002504	11.32	6.35	15.09	5.12	7.76	6.01	3.02	1.3	4.4	*		-
	HENBA1002508	5.06	9.32	4.01	3.71	7.02	5.17	4.27	2.18	3.39			
40	HENBA1002513	9.71	15.43	17.71	11.5	8.94	8.42	3.65	5.7	5.29	*		-
	HENBA1002515	22.59	29.58	33.08	19.66	17.58	7.29	3.31	4.58	5.25	**		-
	HENBA1002524	2.52	5.5	6.81	5.24	5.07	5.47	3.51	2.04	6.31			
	HENBA1002538	4.86	8.27	13.28	5.54	6.86	8.78	7.76	3.44	3.36			
	HENBA1002542	14.29	22.48	34.17	23.25	22.99	20.23	26.21	13.64	24.16			
	HENBA1002544	80.29	71.81	142.33	191.63	103.72	120.69	75.35	42.62	73.64			
45	HENBA1002546	16.49	22.78	27.12	14.78	15.43	17.06	9.62	3.52	9.44	*		-
	HENBA1002547	3.95	4.98	8.23	6.73	9.06	6.15	8.5	2.36	7.03			
	HENBA1002550	49.15	78.71	90.52	40.75	20.92	26.29	11.49	22.91	24.84	*	*	-
	HENBA1002551	21.39	26.41	43.07	27.63	15.98	20.86	15.81	13.41	19.29			
	HENBA1002552	2.51	5.57	9.92	2.51	4.26	4.71	1.72	3.19	4.1			
	HENBA1002555	22.2	20.07	42.05	23.19	22.23	22.76	15.94	12.91	13.98			
50	HENBA1002558	12.09	15.97	19.47	12.44	11.51	11.85	16.99	12.78	19.34			
	HENBA1002561	5.12	5.08	10.95	9.59	4.94	7.59	3.52	2.9	5.93			
	HENBA1002562	11.02	16.11	24.74	19.26	26.78	27.85	11.51	7.07	19.83			
	HENBA1002568	196.94	317.85	248.99	300.72	297.51	250.18	199.37	60.64	136.04			
	HENBA1002569	23.5	41.31	56.08	12.56	22.81	12.46	7.29	13.02	18.03			
	HENBA1002570	30.8	40.14	52.73	26.65	25.92	32.98	19.03	21.81	22.76	*		-
55	HENBA1002574	18.81	26.29	36.64	14.11	18.09	18.3	12.06	11.37	15.9			
	HENBA1002583	7.94	6.71	16.38	5.31	5.66	5.07	2.73	4.44	3.12			
	HENBA1002587	2.94	4.41	12.22	7.72	5.53	9.69	4.6	2.49	5.42			

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	HEMBA1002590	5.95	11.3	17.91	3.86	9.68	7.63	4.92	3.2	3.29			
	HEMBA1002592	24.56	35.63	62.38	31.85	31.39	28.3	31.44	17.58	25.5			
5	HEMBA1002595	18.13	24.94	28.1	20.67	22.43	16.85	23.31	9.38	10.88			
	HEMBA1002609	10.62	12.63	20.23	14.42	14.63	14.25	5.32	5.93	14.35			
	HEMBA1002617	4.27	5.73	7.4	1.57	2.4	3.96	1.42	3.15	4.02			
	HEMBA1002619	2.85	2.62	7.5	3.1	2.95	3.67	1.94	0.73	2.61			
	HEMBA1002621	8.59	8.17	23.61	10.11	9.98	16.3	7.86	5.98	9.09			
	HEMBA1002624	27.35	35.73	38.2	18.75	33.76	30.42	15.63	13.42	13.94	**	-	
10	HEMBA1002628	9.91	18.29	22.67	1.48	9.73	6.58	2.84	2.68	1.86	*	-	
	HEMBA1002629	17.6	28.89	36.07	15.14	20.64	15.47	19.33	12.69	24.63			
	HEMBA1002632	12.9	25.94	21.19	10.8	16.54	18.64	7.96	5.15	6.22	*	-	
	HEMBA1002645	10.16	17.89	28.87	12.29	14.08	14.33	9.35	8.1	11.95			
	HEMBA1002651	13.26	18.44	26.72	15.43	10.74	15.26	12.68	8.84	17.98			
15	HEMBA1002652	38.73	48.42	65.53	46.16	37.25	33.78	28.26	20.1	36.36			
	HEMBA1002659	9.03	11.88	19.16	8.75	10.05	12.88	11.02	6.8	9.75			
	HEMBA1002661	5.06	3.99	9.25	2.67	2.42	2.71	2.5	0.54	3.81			
	HEMBA1002666	4.98	2.76	10.31	1.02	2.15	2.47	1.95	1.39	2.97			
	HEMBA1002667	66.26	92.17	95.25	40.2	49.75	38.64	17.08	15.46	18.87	*	**	-
	HEMBA1002673	10.24	11.61	24.1	10.91	20.39	11.76	14.29	6.19	10.4			
20	HEMBA1002678	13.62	19.9	33.62	20.45	17.4	13.57	11.46	10.78	12.98			
	HEMBA1002679	13.69	14.71	16.04	4.7	9.65	9.85	3.39	2.88	4.57	*	**	-
	HEMBA1002688	5.6	5.12	9.48	4.59	5.44	5.04	4.69	4.1	9.84			
	HEMBA1002696	59.06	73.44	43.41	32.21	38.96	30.65	22.83	22.73	43.71			
	HEMBA1002703	7.17	12.58	16.11	7.07	6.09	6.51	6.44	2.28	5.09			
	HEMBA1002706	6.13	6.22	16.32	2.59	4.89	3.24	4.44	2.11	3.85			
25	HEMBA1002712	11.08	15.22	21.38	7.53	9.92	6.72	6.23	2.15	5.09	*	-	
	HEMBA1002715	7.25	9.24	15.63	3.34	13.16	4.85	8.59	3.19	5.46			
	HEMBA1002716	10.24	5.79	8.57	7.72	6.63	11.75	6.68	8.82	8.25			
	HEMBA1002718	5.54	9.62	8.18	5.1	4.05	3.87	4.38	2.74	1.77	*	-	
	HEMBA1002728	12.44	14.25	13.51	6.78	9.73	5.54	5.16	3.78	4.32	*	**	-
	HEMBA1002730	18.89	21.85	36.97	19.48	14.69	13.56	21.24	13.64	21.33			
30	HEMBA1002734	18.2	30.15	26.54	25.61	18.78	20.96	17.72	11.44	17.14			
	HEMBA1002742	3.87	2.34	11.09	2.03	2.86	2.81	1.76	0.66	1.41			
	HEMBA1002746	22.55	32.65	52.23	26.89	25.86	22.2	22.76	13.04	18.94			
	HEMBA1002748	9.65	15.62	22.06	9.53	12.94	6.47	8.64	2.48	4.44			
	HEMBA1002750	4.66	4.65	9.25	7.27	4.67	4.79	3.27	2.62	3.14			
	HEMBA1002755	6.97	7.74	9.25	6.37	7.77	4.16	3.95	4.22	4.36	**	-	
35	HEMBA1002759	16.7	17.27	27.62	16.79	11.68	13.5	9.91	9.05	10.68	*	-	
	HEMBA1002763	47.58	57.94	56.78	54.23	36.74	38.37	36.64	19.12	21.65	*	-	
	HEMBA1002767	8.72	14.41	17.03	5.04	11.17	4.96	8.31	3.05	8.44			
	HEMBA1002768	5.52	5.94	12.79	2.88	4.3	2.49	2.51	1.17	1.65			
	HEMBA1002769	17.19	27.21	15.86	8.55	10.81	3.03	6.22	1.99	5.25	*	*	-
	HEMBA1002770	2.13	4.12	10.85	3.83	4.73	3.88	2.44	1.5	3.81			
40	HEMBA1002777	6.28	5.97	10	5.84	6.03	4.58	3.3	3.36	7.09			
	HEMBA1002779	4.32	3.05	9.05	3.43	3.09	3.54	2.97	2.09	4.26			
	HEMBA1002780	18.15	7.73	29.43	3.93	22.04	8.61	11.74	14.31	4.26			
	HEMBA1002790	44.22	50.48	73.09	31.77	35.83	33.38	43.74	34.78	30.04			
	HEMBA1002794	7.76	9.01	14.22	4.88	6.33	4.1	3.98	2.38	3.09	*	-	
	HEMBA1002798	58.19	53	86.62	94.91	76.85	71.68	49.35	25.85	43.83			
45	HEMBA1002801	3.51	8.44	16.4	3.59	4.66	6.72	3.9	1.17	4.1			
	HEMBA1002810	3.05	9.57	15.59	8.92	5.81	6.43	5.04	3.55	5.63			
	HEMBA1002816	33.54	55.39	45.57	5.42	16.08	37.06	10.38	10.74	17.79	**	-	
	HEMBA1002818	13.01	14.09	20.64	7.78	6.78	5.49	5.04	2.96	3.82	*	**	-
	HEMBA1002820	27.01	29.21	56.88	35.9	30.38	30.6	30.02	21.79	27.81			
	HEMBA1002826	19.2	24.63	59.75	28.13	24.2	21.9	24.8	13.89	24.13			
50	HEMBA1002833	63.25	54.77	137.72	30.62	26.06	40.67	37.5	33.73	24.96			
	HEMBA1002850	32.24	50.44	106.97	13.72	14.84	20.17	21.65	20.43	7.04			
	HEMBA1002862	2.91	4.02	13.2	2.77	4.61	2.19	2.67	1.11	1.52			
	HEMBA1002863	5.54	4.99	10.17	2.83	5.36	5.71	5.41	0.6	2.81			
	HEMBA1002867	12.64	16.67	40.23	22.98	17.46	25	12.79	7.67	12.86			
	HEMBA1002876	33.33	40.68	56.24	16.95	25.21	41.71	19.36	18.11	7.35	*	-	
55	HEMBA1002886	38.07	46.59	100.23	134.31	130.1	87.32	31.47	23.92	40.5			
	HEMBA1002886	373.7	87.77	442.56	153.27	289.24	233.48	153.73	231.71	129.4			
	HEMBA1002913	5.91	13.06	17.5	7.91	16.67	18.64	16.24	3.53	12.2			

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	HEMBA1002921	10.08	17.69	26.78	4.57	11.52	17.13	10.57	6.89	8.36				
	HEMBA1002924	16.52	23.06	41.44	17.55	21.51	18.51	16.69	6.29	12.01				
5	HEMBA1002934	7.43	7.93	15.24	8.33	19.71	10.41	9.2	4.34	7.83				
	HEMBA1002935	44.38	58.85	52.49	15.89	32.69	26.1	15.32	13.88	12.84	*	**	-	-
	HEMBA1002937	2.13	5.21	6.49	6.16	3.25	2.49	3.22	1.79	2.68				
	HEMBA1002939	6.4	9.23	9.9	6.39	7.51	3.18	2.69	1.8	1.53	**		-	
	HEMBA1002944	6.74	7.31	12.98	7.18	6.53	7.34	7.96	2.7	9.59				
	HEMBA1002951	2.29	3.34	4.29	3.26	3.2	3.99	3	1.79	2.41				
10	HEMBA1002954	17.42	19.44	25.7	12.87	16.68	13.48	13.76	7.82	14.9				
	HEMBA1002962	8.79	11.09	12.46	11.77	11.02	6.43	11.04	6.23	10.79				
	HEMBA1002968	7.03	12.43	15.52	4.99	4.92	6.17	4.89	4.54	3.33	*		-	
	HEMBA1002970	3.97	3.94	8.85	9.45	5.39	4.2	3.04	1.94	3.66				
	HEMBA1002971	46.35	65.62	65.66	55.83	32.32	29.43	18.21	22.18	16.03	**		-	
	HEMBA1002973	19.1	22.88	32.02	18.54	14.79	14.79	14.19	10.32	16.42				
15	HEMBA1002978	9.61	14.49	12.58	9.49	10.35	10.49	8.97	6.63	9.32				
	HEMBA1002981	7.62	7.65	10.48	7.25	7.54	7.91	5.93	4.75	6.33				
	HEMBA1002985	117.94	141.29	115.79	100.57	91.73	67.47	36.07	32.99	67.86	*	**	-	-
	HEMBA1002986	1.09	4.19	2.41	1.9	4.92	2.49	2.41	1.95	2.68				
	HEMBA1002988	6.76	12.45	10.76	6.53	13.58	5.88	8.35	4.66	5.88				
20	HEMBA1002992	6.35	10.06	11.88	10.23	8.86	4.79	4.31	25.89	6.31				
	HEMBA1002995	4.3	8.89	7.73	5.51	4.55	4.85	3.59	3.01	4.66				
	HEMBA1002997	107.63	114.87	183.64	177.35	158.59	181.54	82.75	91.36	112.69				
	HEMBA1002999	53.34	68.01	72.24	37.39	47.67	41.25	62.98	43.59	63.81	*		-	
	HEMBA1003004	3.64	4.33	7.42	2.58	3.67	3.65	3	1.57	3.06				
	HEMBA1003006	4.28	5.05	7.7	1.79	6.77	4.05	4.37	2.61	3.52				
25	HEMBA1003008	27.15	36.55	38.8	26.92	32.63	23.56	33.58	25.15	30.26				
	HEMBA1003021	5.81	12.5	13.45	11.13	6.12	5.84	7.32	6.94	6.02				
	HEMBA1003027	18.79	26.5	31.66	21.25	18.71	19.18	16.11	14.87	19.02				
	HEMBA1003029	19.01	29.05	31.26	23.38	17.83	18.43	16.34	15.3	19.09				
	HEMBA1003031	23.27	32.76	35.52	18.12	20.06	19.05	22.57	22.89	27.58	*		-	
	HEMBA1003032	10.51	18.48	23.57	10.46	10.87	8.93	13.71	10.94	13.4				
30	HEMBA1003033	3.28	3.5	9.21	2.58	2.99	3.45	2.32	2.32	3.69				
	HEMBA1003034	32.22	43.17	44.46	25.3	23.69	20.88	30.34	23.98	27.83	*	*	-	-
	HEMBA1003035	6.89	6.34	9.49	7.01	5.99	4.57	6.73	1.95	2.1				
	HEMBA1003037	3.15	4.76	8.43	6.95	3.5	6.33	1.17	2.19	4.48				
	HEMBA1003041	5.81	4.77	6.88	6.46	7.11	3.98	3.65	3.49	6.68				
	HEMBA1003046	3.59	5.57	7.67	2.55	3.97	2.74	1.99	1	3.62				
35	HEMBA1003047	2.75	3.6	7.28	2.24	3.39	2.22	1.7	2.72	4.34				
	HEMBA1003048	7.72	9.91	17.38	5.16	6.98	5.24	7.18	5.24	6.81				
	HEMBA1003064	7.42	7.15	11.39	6.45	5.86	2.65	4.01	3.53	5.26	*		-	
	HEMBA1003067	3.5	4.14	10.69	1.88	3.75	2.7	1.84	2.09	2.56				
	HEMBA1003071	4.3	6.5	8.99	2.07	3.4	1.57	3.49	0.09	2.65	*		-	
	HEMBA1003072	22.65	30.56	72.67	40.85	32.84	36.51	17.64	22.4	33.19				
40	HEMBA1003076	10.41	7.13	12.54	12.87	5.59	14.57	5.56	3.38	7.99				
	HEMBA1003077	57.77	42.56	38.04	15.22	22.46	42.9	9.06	21.41	25.7	*		-	
	HEMBA1003078	5.9	3.99	8.44	5.05	5.47	3.08	3.19	1.13	4				
	HEMBA1003079	2.67	1.28	11.95	1.19	1.44	0	1.26	1.15	2.5				
	HEMBA1003083	17.29	19.57	26.48	12.28	16.41	11.4	17.96	11.77	14.23				
	HEMBA1003086	66.37	81.42	75.05	81.77	61.06	81.5	45.88	45.17	41.59	**		-	
45	HEMBA1003090	27.88	31.13	33.36	17.15	38.66	20.27	13.44	24.06	7.13	*		-	
	HEMBA1003094	7.62	15.14	35.58	19.46	14.45	10.58	6.94	6.32	13.5				
	HEMBA1003096	5.15	5.97	7.99	4.67	5.25	3.62	2.44	1.23	5.06				
	HEMBA1003098	51.24	56.94	73.88	44.19	37.83	35.41	49.21	42.96	49.32	*		-	
	HEMBA1003101	55.72	62.33	39.5	28.21	27.13	36.8	19.35	33.07	15.18	*	*	-	-
	HEMBA1003109	21.19	29.16	38.82	18.38	20.48	14.86	17.89	17.36	21.07				
50	HEMBA1003114	16.2	22.18	27.85	11.32	13.05	11.32	15.03	12.24	12.98	*		-	
	HEMBA1003117	4.55	5.29	16.23	3.16	6.88	2.06	3.55	1.47	2.05				
	HEMBA1003120	26.44	23.65	42.74	11.15	27.45	17.66	13.62	6.31	12.11	*		-	
	HEMBA1003129	13.18	14.01	38.23	23.62	19.83	17.41	9	7.3	18.68				
	HEMBA1003133	18.25	22.53	34.22	24.55	19.61	15.34	21.94	16.17	21.16				
	HEMBA1003136	16.39	19.51	25.59	18.11	18.16	15.75	14.64	13.22	14.96				
55	HEMBA1003142	14.56	16.27	15.48	9.65	8.16	8.79	8.14	5.26	6.82	**	**	-	-
	HEMBA1003148	16.81	26.84	29.42	16.45	15.92	11.14	21.43	11.51	11.59				
	HEMBA1003151	8.82	10.43	18.65	5.42	8.75	3.56	10.89	7.34	8.14				

Table 366

	HENBA1003152	4.25	6.9	16.54	3.43	9.18	3.49	6.82	2.75	2.37			
	HENBA1003157	16.47	20.65	36.14	14.57	15.21	12.8	18.89	12.37	10.25			
5	HENBA1003166	6.07	8.14	15.45	9.26	7.78	7.15	6.88	3	7.14			
	HENBA1003171	4.76	6.01	1.83	0.22	9.4	0.95	4.99	3.3	4.74			
	HENBA1003175	9.06	9.36	15.39	5.94	5.41	4.09	8.31	5.54	6.76	*	-	
	HENBA1003179	11.74	19.14	23.08	11.43	19.69	16.88	15.24	11.13	8.75			
	HENBA1003186	32.34	34.21	53.13	30.02	30.6	23.62	32.72	27.67	23.79			
10	HENBA1003196	4.93	5.75	11.29	1.52	4.36	1.61	2.88	1.66	1.27			
	HENBA1003197	11.79	16.34	26.33	10.88	17.37	11.43	13.65	9.71	13.56			
	HENBA1003199	23.1	49.93	40.51	25.63	28.94	20.25	30.98	8.01	23.38			
	HENBA1003202	23.9	28.7	33.49	4.92	13.85	16.67	6.88	7.46	15.28	*	**	-
	HENBA1003204	4.47	10.56	14.07	5.38	6.97	3.66	4.1	2.93	5.45			
	HENBA1003210	26.93	30.85	39.03	16.12	18.97	10.78	20.75	18.2	19.07	*	*	-
15	HENBA1003212	25.47	38.89	40.06	19.34	20.63	15.78	34.72	24.84	21.07	*	-	
	HENBA1003218	4.32	4.85	11.19	2.63	4.58	1.07	3.74	6.58	2.3			
	HENBA1003220	35.02	49.9	56.61	20.36	27.56	20.54	37.25	33.59	30.02	*	-	
	HENBA1003222	6.38	11.47	27.57	6.14	9.88	5.85	9.63	5.71	6.41			
	HENBA1003225	1.99	5.89	11.4	3.67	2.98	2	2.78	0.36	1.82			
	HENBA1003229	4.11	5.35	10.53	5.06	6.91	5.05	3.62	3.37	4.28			
20	HENBA1003230	19	22.89	41.86	21.05	18.18	18.78	15.9	9.68	15.54			
	HENBA1003235	6.36	6.82	18.89	3.6	5.78	3.31	5.14	2.94	2.76			
	HENBA1003236	28.57	38.02	51.11	22.25	24.92	17.63	25.41	23	19.94			
	HENBA1003250	3.88	5.03	10.29	3.12	4.49	3.35	3.78	2.8	3.87			
	HENBA1003252	10.38	11.26	18.86	6.09	9.53	8.62	8.03	4.87	3.9			
	HENBA1003257	4.81	5.23	14.11	3.29	4.4	2.15	4.08	0.86	2.62			
25	HENBA1003268	4.15	9.87	10.08	10.51	3.68	3.28	8.7	2.22	2.32			
	HENBA1003273	11.8	16.03	28.72	15.07	19.11	17.4	12.91	12.48	21.18			
	HENBA1003276	149.48	149.2	143.91	64.58	44.3	74.17	103.96	79.83	39.01	**	*	-
	HENBA1003277	46.25	23.14	67.56	22.07	19.01	38.9	14.72	11.37	3.34			
	HENBA1003278	4.71	4.24	12.6	4.3	4.28	2.48	2.75	2.48	1.06			
	HENBA1003280	129.77	109.77	149.42	22.66	42.91	45.72	29.75	44.29	19.43	**	**	-
30	HENBA1003281	66.35	33.44	113.06	20.36	31.97	38.12	40.97	35.41	13.12			
	HENBA1003284	4.17	19.37	13.16	7.85	6.12	2.69	7.14	1.71	3.34			
	HENBA1003286	19.63	12.62	36.72	8.93	14.12	12.7	52.4	15.77	36.62			
	HENBA1003291	72.44	65.02	121.3	168.07	81.81	87.09	38.11	45.46	43.73			
	HENBA1003294	2.81	2.31	6.5	6.68	2.5	2.72	2.16	1.36	1.58			
35	HENBA1003296	44.35	42.6	76.86	89.38	53.17	64.95	32.4	28.59	38.37			
	HENBA1003304	9.89	11.83	11.34	8.37	7.94	10.02	7.8	7.09	8.26	**	-	
	HENBA1003306	13.02	19.68	19.63	24.93	17.19	18.48	10.47	8.08	13.83			
	HENBA1003309	1.78	3.09	6.44	4.38	2.65	4.86	2.49	0.95	2.26			
	HENBA1003314	2.38	3.32	2.13	4.26	4.38	3.35	2.15	1.3	2.04	*	+	-
	HENBA1003315	4.7	9	9.09	4.13	2.95	4.64	2.23	3.29	3.07	*	*	-
	HENBA1003322	21.51	21.29	36.71	38.62	23.41	31.81	14.65	15.44	16.23			
40	HENBA1003326	6.02	5.69	11.31	6.59	5.79	5.51	2.11	1.05	2.65	*	-	
	HENBA1003327	7.54	6.06	15.43	8.47	7.53	8.8	4.99	4.52	3.75			
	HENBA1003328	105.65	106.38	147.91	165.04	127.51	111.83	74.7	76.39	78.34	*	-	
	HENBA1003330	6.01	12.33	12.91	7.65	8.96	7.41	6.19	2.7	6.56			
	HENBA1003348	3.04	4.46	6.33	4.48	9.58	12.27	5.11	0.11	2.09			
45	HENBA1003369	4.61	6.54	9.12	7.83	6.84	2.91	5.15	1.7	5.2			
	HENBA1003370	3.59	5.98	8.58	5.67	3.43	4.27	2.86	5.19	3.68			
	HENBA1003373	11.8	17.95	18.19	5.05	9.3	7.7	3.82	6.22	4.16	*	**	-
	HENBA1003376	3.97	3.38	4.86	3.82	1.97	2.14	1.54	0.79	1.25	**	-	
	HENBA1003380	1.93	2.67	5.1	1.31	0.26	1.37	0.83	1.72	0.69			
	HENBA1003384	26.49	38.34	57.87	29.22	29.1	27.24	18.27	17.42	21.24			
	HENBA1003387	16.13	19.1	24.1	17.73	14.37	13.92	9.34	7.52	11.3	*	-	
50	HENBA1003392	2.68	3.97	8.74	2.76	4.49	2.32	2.44	0.39	3.04			
	HENBA1003395	2.69	3.42	9.32	1.54	4.93	3.86	3.02	1.02	1.64			
	HENBA1003399	20.63	29.8	52.54	29.45	22.45	24.07	12.86	13.2	21.21			
	HENBA1003400	3.56	5.58	6.33	3.88	4.46	4.23	1.87	2.25	1.87	*	-	
	HENBA1003402	38.86	90.8	85.59	22.6	36.87	47.3	19.41	16.83	28.09	*	-	
	HENBA1003403	4.18	3.19	7.45	2.51	2.47	2.16	1.4	2.51	3.27			
55	HENBA1003408	25.83	33.63	38.04	42.18	33.38	41.52	23.7	19.86	28.4			
	HENBA1003412	5.21	6.25	13.71	2.82	5	4.22	2.53	1.53	2.45	*	**	-
	HENBA1003417	21.02	35.52	34.24	13.8	14.17	10.79	5.28	6.88	9.43	*	**	-

Table 367

	HENBA1003418	9.46	10.25	16.29	13.88	11.67	7.88	6.52	7.48	6.95		
	HENBA1003420	15.13	21.37	34.54	8.98	7.12	8.99	3.93	4.32	8.36	*	-
5	HENBA1003425	3.65	4.02	7.55	3.03	3.24	2.46	1.29	1.12	2.83		
	HENBA1003433	12.41	15.45	35.09	18.37	16.85	15.26	10.85	5.12	17.58		
	HENBA1003440	22.95	34.38	33.51	20.78	28.45	21.36	23.78	22.34	28.46		
	HENBA1003442	12.86	16.85	24.45	11.09	13.33	10.29	12.08	9.47	11.31		
	HENBA1003447	27.49	33.89	33.23	17.4	23.73	18.49	24	17.15	19.81	*	*
	HENBA1003453	4.92	5.64	13.34	4.01	5.69	5.13	2.36	4.48	3.86		
10	HENBA1003461	31.42	55.4	52.29	25.16	39.67	29.85	35.26	26.74	37.73		
	HENBA1003463	20.03	30.11	90.85	47.21	1.41	0.3	30.58	24.08	33.93		
	HENBA1003465	4.42	6.66	9.68	7.8	5.17	6.44	3.4	2.84	6.1		
	HENBA1003480	8.18	9.01	15.32	7.58	7.38	7.85	10.22	6.26	8.1	**	*
	HENBA1003485	8.87	6.95	9.95	4.15	3.42	4.03	5.45	1.61	3.1		
	HENBA1003487	40.56	64.18	72.24	34.53	33.37	41.02	45.43	44.42	46.48		
15	HENBA1003492	47.07	69.63	47.91	15.87	60.76	43.2	54.01	24.37	34.94		
	HENBA1003494	8.97	13.82	17.09	5.4	7.03	7.86	9.14	5.83	9.54	*	-
	HENBA1003497	27.59	34.3	36.93	14.93	24.2	20.37	27.68	19.83	25.35	*	-
	HENBA1003503	17.58	24.95	1.06	0.82	1.26	0.04	6.53	10.32	21.23		
	HENBA1003511	10.13	12.6	23.58	12.03	11.2	10.45	9.65	8.73	14.36	**	**
20	HENBA1003528	10.75	13.6	9.55	5.22	4.34	5.54	2.88	3.04	2.97		
	HENBA1003530	6.02	6.59	12.41	4.68	4.85	4.75	5.24	2.55	3.96		
	HENBA1003531	12.73	22.2	30.65	9.86	14.37	9.03	13.96	8.06	18.14		
	HENBA1003532	13.65	14.91	22.65	9.4	21.22	7.2	8.43	8.83	11.91		
	HENBA1003538	10.23	12.68	27.62	8.9	13.63	10.34	9.68	5.53	8.3		
	HENBA1003545	4.35	9.29	13.49	7.12	6.86	6.1	7.44	2.65	6.35		
	HENBA1003546	6.53	3.47	17.38	20.26	8.26	12.59	2.96	5.15	4.61		
25	HENBA1003548	2.71	6.58	8.78	3.2	9.19	3.14	6.24	4.03	2.98		
	HENBA1003553	4	4.81	7.29	3.53	3.84	2.73	2.82	2.01	2.64	*	-
	HENBA1003555	8.02	14.32	16.54	7.4	9.1	7.1	7.78	7.09	7.03		
	HENBA1003556	5	8.35	8.92	2.85	4.91	3.37	2.9	2.25	2.94	*	-
	HENBA1003580	11.54	14.47	20.06	8.38	13.16	7.52	7.48	5.19	5.3	*	-
30	HENBA1003585	12.47	6.48	14.4	4.78	7.63	5.19	7.77	3.47	4.1		
	HENBA1003588	167.82	373.84	257.14	82.85	193.26	96.08	64.68	26.85	13.07	*	-
	HENBA1003589	19.02	23.29	63.64	40.15	29.03	28.36	20	16.6	26.95		
	HENBA1003571	8.12	11.43	9.83	5.26	10.52	5.78	8.95	5.27	5.01		
	HENBA1003579	22.13	20.38	39.63	17.94	15.09	12.56	17.53	15.68	17.94		
	HENBA1003580	18.63	22.77	31.1	30.35	20	21.57	12.72	8.11	11.25	*	-
35	HENBA1003581	4.54	7.44	11.51	2.94	2.83	4.01	3.4	1.33	1.8		
	HENBA1003591	9.77	30.24	25.57	6.75	16.55	5.72	11.87	5.17	9.69		
	HENBA1003595	11.6	18.67	39.48	13.28	20.4	12.94	13.52	5.6	8.35		
	HENBA1003597	34.44	63.26	65.19	37.08	35.21	30.06	23.33	8.38	16.41	*	-
	HENBA1003598	2.25	2.74	3.02	2.41	2.07	1.24	1.39	0.6	1.38	*	-
	HENBA1003600	21.91	26.66	48.26	21.72	21.86	19.48	19.9	18.88	27.46		
40	HENBA1003602	5.44	4.97	13.36	4.53	6.21	5.48	3.61	3.19	3.61		
	HENBA1003604	4.52	2.99	9.05	3.91	3.29	1.56	2.58	2.5	3.04		
	HENBA1003610	13.16	15.85	27.61	10.3	9.81	5.68	10.32	8.77	8.07		
	HENBA1003615	14.12	19.51	37.31	8.32	15.31	10.64	25.53	7.2	9.53		
	HENBA1003617	2.15	10.76	12.38	1.63	5.11	1.57	4.87	0.26	2.23		
	HENBA1003620	1.75	4.53	12.78	1.34	3.78	1.52	1.5	0.27	0.68		
45	HENBA1003621	12.05	16.03	37.29	21.96	16.06	15.37	10.98	5.36	14.36		
	HENBA1003622	7.66	5.59	10	3.27	5.47	4.78	6.97	4.55	2.99		
	HENBA1003630	43.11	47.17	86.26	32.33	46.01	44.24	29.63	21.05	20.55		
	HENBA1003637	920.66	472.86	680.3	365.52	904.5	411.7	621.11	976.32	238.58		
	HENBA1003640	62.65	69.86	125.99	45.58	48.68	42	65.31	45.48	45.21		
	HENBA1003645	15.97	22.75	34.7	19.9	17.55	14.87	21.4	9.64	18.1		
50	HENBA1003646	6.76	13.27	28.86	11.35	10.28	4.41	12.2	6.62	10.03		
	HENBA1003647	68.54	91.82	142.01	91.35	74.78	80.66	83.06	37.92	60.33		
	HENBA1003656	41.62	46.94	78.5	39.66	28.08	37.31	18.6	12.53	17.55	*	-
	HENBA1003662	9.43	10.68	20.41	19.54	13.98	13.03	9.65	4.93	11.88		
	HENBA1003666	8.44	8.9	21.02	18.11	19.64	14.87	11.75	6.74	12.93		
	HENBA1003667	27	32.49	46.33	29.7	40.13	34.43	25.82	21.77	25.87		
55	HENBA1003670	16.71	15.12	35.71	10.11	19.12	14.79	10.97	18.94	10.06		
	HENBA1003674	3.06	3.93	11.38	12.14	7.69	5.61	4.08	1.48	5.42		
	HENBA1003677	3.62	4.3	9.92	2.94	5.26	2.08	4.03	0.72	1.84		

Table 368

	HENBA1003679	15.99	25.43	34.72	23.29	23.03	14.07	32.67	15.26	20.68			
	HENBA1003680	2.36	1.32	3.39	2.39	1.66	4.26	2	1.23	1.59			
5	HENBA1003684	27.44	32.04	37.17	24.58	15.64	21.48	12.03	9.61	13.69	*	**	-
	HENBA1003690	26.36	32.22	54.74	28.94	29.04	32.33	34.36	26.69	39.53			
	HENBA1003692	6.49	10.11	9.34	7.04	5.15	6.04	7.51	6.23	5.84			
	HENBA1003702	8.56	9.3	12.43	12.4	14.68	13.17	6.17	5.02	7.69			
	HENBA1003711	8.11	10.45	15.16	11.96	9.29	6.3	7.03	5.46	7.91			
	HENBA1003714	6.44	11.03	12.83	2.97	13.46	9.98	7.86	7.19	9.67			
10	HENBA1003715	14.81	13.59	14.56	12.43	13.78	10.5	10.14	8.94	12.29	*		-
	HENBA1003717	42.45	55.77	82.27	41.74	41.39	40.14	43.46	40.44	41.87			
	HENBA1003720	6.21	6.28	13.24	9.93	12.72	5.69	6.86	5.05	6.12			
	HENBA1003725	3.95	3.77	7.26	6.08	3.65	3.36	2.76	2.23	2.52			
	HENBA1003728	4.28	12.26	8.88	10.99	2.88	4.38	6.4	1.69	3.67			
	HENBA1003729	12.13	13.18	16.13	8.92	13.67	11.13	18.08	6.56	14.8			
15	HENBA1003732	30.17	53.31	40.17	33.85	38.01	30.07	19.05	11.75	17.73	*		-
	HENBA1003733	3.45	4.52	4.35	2.89	6.7	2.94	3.18	1.76	2.64	*		-
	HENBA1003742	9.01	9.99	10.98	9.56	10.71	5.69	9.3	5.6	9.68			
	HENBA1003743	9.87	14.77	20.42	19.53	13.74	11.37	9.02	7.5	9.36			
	HENBA1003758	14.27	20.31	26.23	15.6	15.1	13.01	12.22	13.09	13.08			
	HENBA1003760	19.21	17.1	29.51	6.01	14.54	12.36	3.4	6.9	5.12	*		-
20	HENBA1003764	14.01	17.88	25.76	13.37	20.5	16.53	15.36	15.5	19.31			
	HENBA1003769	38.51	54.43	53.66	30.93	34.09	32.37	42.08	31.8	46.8	*		-
	HENBA1003773	6.19	9.28	8.37	4.69	7.62	4.92	2.95	1.6	4.58	*		-
	HENBA1003783	2.33	2.73	7.18	6	7.98	9.31	5.24	2.04	3.66			
	HENBA1003784	24.68	20.11	23.17	22.69	20.46	14.65	16.36	8.3	11.94	*		-
	HENBA1003794	35.77	59.53	74.01	32.36	32.73	29.52	23.99	30.47	35.64			
25	HENBA1003798	28.51	43.08	44.43	24.39	25.46	22.11	20.76	21.74	26.31	*	*	-
	HENBA1003803	6.9	7.98	12.5	2.71	3.98	5.61	1.91	2.94	2.14	*		-
	HENBA1003804	12.17	15.5	24.58	5.01	10.25	5.91	7.51	11.06	8.61			
	HENBA1003805	15.63	21.11	29.95	13.7	15.15	11.89	15.1	12.06	15.76			
	HENBA1003807	12.24	15.49	18.72	15.37	14.25	10.11	18.36	12.3	19.08			
30	HENBA1003810	4.78	6.92	11.21	4.53	9.91	7.45	6.79	2.53	4.42			
	HENBA1003827	10.51	13.97	18.38	12.97	15	8.61	18.16	7.58	9.11			
	HENBA1003836	4.91	7.17	10.85	4.73	8.8	6.53	3.27	4.61	5.48			
	HENBA1003838	48.74	66.87	76.01	40.91	58.53	48.34	31.6	26.6	30.51	*		-
	HENBA1003843	23.09	39.55	55.11	24.97	26.61	27.21	27.17	12.95	30.84			
	HENBA1003846	18.74	19.56	28.45	26.4	19.75	21.25	14.77	12.94	15.9			
35	HENBA1003856	31.17	48.34	48.82	28.74	30.87	25.87	49.83	42.07	42.91			
	HENBA1003857	3.66	4.84	10.52	2.38	4.43	1.85	3.66	2.4	2.28			
	HENBA1003864	24.35	38.16	29.59	24.03	32.07	18.61	15.17	4.79	6.89	*		-
	HENBA1003866	15.55	24.7	24.92	21.6	24.17	13.88	22.15	14.95	14.16			
	HENBA1003868	3.42	4.24	4.55	5.4	4.56	2.52	1.88	2.32	3.07	*		-
	HENBA1003879	54.55	71.41	99.07	52.85	60.23	59.91	38.15	32.08	50.85			
40	HENBA1003880	26.75	40.67	50.47	32.31	30.57	23.71	28.74	17.94	31.69			
	HENBA1003884	3.51	2.7	10.4	2.34	3.19	1.65	5.36	1.65	2.02			
	HENBA1003885	15.83	16.07	23.65	9.67	12.61	9.91	13.22	10.04	13.72	*		-
	HENBA1003887	8.92	10.53	15.63	3.65	12.51	2.64	7.43	4.94	3.2			
	HENBA1003890	5.77	11.6	13.5	3.76	5.14	4.95	4.38	2.51	3.42	*		-
	HENBA1003893	2.5	2.24	6.97	3.71	6.34	3.91	2.06	0.55	2.78			
45	HENBA1003896	13.16	13.74	38.07	17.77	20.7	14.83	10.45	11	13.75			
	HENBA1003902	6.09	5.71	13.87	4.58	5.68	4.39	3.52	2.56	5.08			
	HENBA1003904	41	55.7	67.32	43.67	30.73	35.35	31.08	26.57	32.22	*		-
	HENBA1003906	27.42	42.25	49.6	27.37	22.92	19.91	28.26	21.38	25.22			
	HENBA1003926	35.54	56.96	89.19	56.48	59.31	44	48.79	37.72	50.83			
	HENBA1003937	14.37	14.68	20.38	10.43	17.34	12.15	14.47	8.13	15.59			
50	HENBA1003939	3.4	3.02	10.99	1.88	5.36	0.25	1.12	0.35	2.25			
	HENBA1003940	6.76	11.65	10.45	4.59	10.56	5.86	9.9	2.16	3.94			
	HENBA1003941	31.48	46.87	93.42	56.75	59.75	51.31	23.68	24.05	38.11			
	HENBA1003942	3.19	4.4	9.44	4.64	4.07	4.72	1.95	2.11	3.24			
	HENBA1003945	59.01	80.97	80.84	37.7	37.04	46.98	37.87	33.83	28.54	*	**	-
	HENBA1003949	12.02	16.53	20.22	10.36	8.89	9.69	11.57	6.85	10.8			
55	HENBA1003950	27.53	47.63	43.7	25.53	28.11	14.15	20.64	11.67	12.95	*		-
	HENBA1003953	10.33	12.12	25.01	8.15	9.43	6.53	13.65	9.93	7.98			
	HENBA1003958	4.65	6.88	15.41	6.73	7.93	3.72	5.9	3.43	4.74			

Table 369

	HENBA1003959	14.89	19.53	30.66	18.5	16.34	12.43	19.48	10.78	14.94			
	HENBA1003960	6.1	5.31	11.07	8.55	9.98	6.62	4.38	4.38	3.84		*	-
5	HENBA1003966	4.32	4.36	6.33	4.53	3.74	1.94	2.49	2.11	0.85		*	-
	HENBA1003967	11.38	13.34	19.36	11.07	6.9	6.77	8.93	7.19	5.9		*	-
	HENBA1003968	52.83	102.28	87.2	14.25	26.41	16.31	15.76	9.02	11.36	*	**	-
	HENBA1003974	4.37	4.4	7.25	2.02	4.53	1.13	3.82	0.89	2.56			
	HENBA1003976	15.15	20.18	27.02	12.74	18.84	11.73	18.38	14.83	18			
	HENBA1003977	8.76	9.42	22.28	9.64	11.17	3.97	8.14	5.18	9.28			
10	HENBA1003978	9.01	16.51	20.07	10.86	6.71	7.75	11.84	5.73	13.48			
	HENBA1003981	68.06	77.17	117.23	62.61	51.44	47.41	51.47	46.06	74.31			
	HENBA1003982	5.4	13.31	18.21	3.94	11.62	6.14	3.92	4.82	3.97			
	HENBA1003985	7.59	8.14	15.01	6.55	7.27	6.74	5.12	5.29	7.02			
	HENBA1003987	10.14	14.01	20.78	6.87	9.2	5.37	6.58	6.5	8.96			
15	HENBA1003989	10.11	15.44	20.52	5.53	5.4	4.86	8.66	4.07	5.03	*	*	-
	HENBA1004000	2.93	4.96	11.45	2.25	2.97	1.76	2.52	0.75	2.54			
	HENBA1004006	18.54	20.18	42.2	18.19	19.39	15.33	18.84	12.3	17.01			
	HENBA1004007	19.65	39.73	40.28	26.62	20.72	17.41	38.95	21.37	27.19			
	HENBA1004010	67.05	91.68	2.46	0.19	0.95	0.35	50.08	44.9	72.79			
	HENBA1004011	10.54	11.89	17.43	5.17	7.46	5.81	5.72	5.31	4.01	*	*	-
20	HENBA1004012	20.42	22.3	36.75	7.27	17.23	8.75	11.84	7.16	6.96		*	-
	HENBA1004015	4.26	3.69	8.92	3.2	3.73	2.56	1.97	1.37	3.1			
	HENBA1004024	7.24	8.25	20.14	4.09	6.96	4.29	7.49	2.93	4.36			
	HENBA1004029	3.05	5.65	11.19	0.74	1.77	1.68	2.55	0.21	0.47			
	HENBA1004036	30.88	38.16	65.02	18.09	23.34	18.57	34.1	18.52	13.77			
	HENBA1004042	0.97	2.38	5.48	0.32	1.77	1.14	0.62	0	0.22			
25	HENBA1004045	20.4	33.53	50.23	28.78	29.43	29.29	14.02	11.2	16.1			
	HENBA1004048	37.85	38.8	52.99	50.26	40.74	37.18	34.52	20.41	13.02			
	HENBA1004049	21.46	22.41	47.43	24.15	22.42	24.41	19.84	20.47	15.98			
	HENBA1004051	9.9	8.46	21.25	12.84	10.63	10.43	12.39	7.87	8.34			
	HENBA1004053	15.29	25.2	37.82	19.98	13.35	13.99	21.18	11.93	18.89			
	HENBA1004055	5.25	11.05	5.64	0.16	1.02	0	9.11	3.17	5.22	*		-
30	HENBA1004056	2.41	5.85	10.01	3.45	3.17	2.37	4.07	0.71	2.14			
	HENBA1004060	6.43	8.34	15.71	14.49	7.75	6	14.41	5.93	6.72			
	HENBA1004061	7.43	8.52	15.21	11.54	9.65	13.29	5.83	3.71	5.22			
	HENBA1004067	8.97	11.51	14.78	16.09	9.22	11.3	7.43	5.81	9.07			
	HENBA1004071	2.92	2.4	5.93	4.14	2.31	3.09	3.1	0.97	2.2			
	HENBA1004074	126.78	177.45	131.41	229.36	160.88	89.6	187.87	113.1	134.85			
35	HENBA1004078	20.55	20.84	34.63	28.09	31.27	21.15	16.53	16.06	27.35			
	HENBA1004085	20.65	31.8	30.03	32.27	21.47	13.85	11.87	12.81	9.59	*		-
	HENBA1004086	2.06	3.76	5.23	2.03	3.33	2.95	2.57	0.6	1.89			
	HENBA1004097	1.94	3.31	1.59	1.13	4.7	3.06	2.83	1.2	1.23			
	HENBA1004100	14.77	24.96	29.01	20.87	18.7	13.96	10.94	12.24	15.57			
	HENBA1004103	7.32	13.02	15.94	12.18	10.65	9.17	7.19	6.37	7.49			
40	HENBA1004110	19.03	26.3	37.33	22.14	20.14	20.02	18.64	15.91	19.14			
	HENBA1004111	24.42	41.97	41.29	22.57	21.56	20.91	28.72	16.68	19.6			
	HENBA1004124	10.47	10.61	15.29	11.7	10.51	11.56	7.45	6.39	9.02			
	HENBA1004130	6.32	9.6	13.12	7.07	7.66	3.98	10.02	6.52	8.94			
	HENBA1004131	11.62	15.68	22.49	12.3	15.58	10.2	7.69	8.91	12.88			
	HENBA1004132	1.7	3.66	8.07	2.75	4.82	2.5	5.8	1.43	6.28			
45	HENBA1004133	61.09	100.97	106.22	48.94	25.58	18.64	11.83	36.24	13.37	*	*	-
	HENBA1004138	8.15	8.84	9.84	8.72	6.31	5.94	4.18	4.48	5.03		**	-
	HENBA1004143	6.39	11.32	13.28	4.24	5.74	4.33	4.63	4.09	3.58		*	-
	HENBA1004146	12.23	19.23	24.6	16.14	12.69	10.61	14.04	14.11	16.75			
	HENBA1004148	5.02	6.85	14.92	7.36	6.63	8.78	2.34	5.06	6.01			
	HENBA1004149	13.01	27.48	21.59	12.24	21.36	25.46	6.33	6.45	12.24			
50	HENBA1004150	162.3	225.69	242.62	246.24	265.35	201.29	161.22	151.68	209.57			
	HENBA1004154	54.95	73.81	77.08	67.59	61.25	43.45	53.14	36.47	45.98		*	-
	HENBA1004164	27.89	39.95	75.25	53.13	38	41.78	27.04	21.48	32.66			
	HENBA1004168	27.29	41.16	48.5	30.28	31.63	25.87	20.87	19.25	25.4			
	HENBA1004199	11.53	17.04	30.46	12.77	16.45	14.72	15.81	10.26	14.34			
	HENBA1004200	10.21	15.6	23.4	12.76	12.18	11.22	9.51	9.03	10.57			
55	HENBA1004201	27.51	39.39	51.71	29.35	27.61	28.68	24.64	21.71	24.17			
	HENBA1004202	18.3	30.46	37.1	17.92	20.38	16.33	20.83	15.59	21.86			
	HENBA1004203	11.35	16.48	25.18	12.27	10.37	8.08	12.69	8.41	9.37			

Table 370

	HENBA1004207	5.23	7	7.18	5.06	6.93	4.27	6.27	2.78	3.75			
	HENBA1004210	4.96	5.53	8.99	5.1	8.24	7.88	8.78	4.25	6.82			
5	HENBA1004225	11.76	16.11	15.08	1.96	9.21	5.85	1.74	2.95	4.57	*	**	-
	HENBA1004227	5.13	5	14.56	6.73	5.83	3.8	3.56	2.92	3.47			
	HENBA1004235	55.87	67.36	100.86	60.82	63.74	64.98	56.93	44.28	61.25			
	HENBA1004237	63.06	67.44	67.86	54.44	56.68	54.92	61.37	42.55	49.6	**		-
	HENBA1004238	5.4	9.74	19.37	3.19	7.79	5.08	4.55	3.62	5.8			
	HENBA1004241	58.53	94.19	86.84	45.42	61.25	30.71	41.3	31.18	35.09	*		-
10	HENBA1004242	95.96	94.64	132.52	129.29	124.32	88.47	86.26	40.26	43.03			
	HENBA1004243	7.18	9.59	11.11	5.01	7.55	7.79	4.07	6.19	8.9			
	HENBA1004246	3.92	5.45	6.92	3.64	1.73	7.61	2.23	1.7	3.01	*		-
	HENBA1004247	36.08	39.65	23.46	13.27	21.43	17.87	8.15	9.3	7.87	*	**	-
	HENBA1004248	60.7	102.92	68.75	40.08	49.28	54.01	55.12	49.8	49.38			
15	HENBA1004250	6.46	7.1	17.92	5.92	8.57	3.92	3.52	3.06	5.66	*		-
	HENBA1004252	9.76	13.49	18.16	5.3	8	5.39	8.18	4.43	8.93	*		-
	HENBA1004260	3.71	7.97	10.5	2.84	9.75	1.75	6.82	1.55	1.83			
	HENBA1004264	4.86	4.92	5.04	3.34	5.85	4	4.03	2.37	1.97	*		-
	HENBA1004267	14.31	26.05	30.36	19.35	16.25	13.91	15.22	15.98	20.33			
	HENBA1004272	7.23	8.73	9.64	3.95	3.4	3.74	3.02	1.81	2.67	**	**	-
20	HENBA1004274	3.8	4.23	13.32	4.59	3.82	2.88	5.15	2.11	5.65			
	HENBA1004275	6.92	5.28	11.01	3.44	3.27	3.1	4.62	3.75	4.56			
	HENBA1004276	53.98	104.51	88.12	40.54	57.2	47.57	40.16	23.52	29.44	*		-
	HENBA1004279	3.9	4.4	11.72	1.47	4.01	1.18	2.34	1.51	2.01			
	HENBA1004284	15.6	17.68	32.1	11.85	15.45	12.29	19.44	11.68	15.92			
	HENBA1004286	1.1	4.52	5.35	1.91	3.11	0	3.7	0.1	2.34			
25	HENBA1004289	4.33	10.31	14.89	4.93	9.21	6.85	5.43	4.43	9.27			
	HENBA1004293	14.22	23.33	31.53	19.23	14.77	12.78	16.77	15.46	15.6			
	HENBA1004295	5.99	9.65	12.39	6.69	4.97	4.03	6.51	6.63	6.32			
	HENBA1004302	27.72	69.78	67.78	35.38	30.81	31.86	31.74	25.34	24.05			
	HENBA1004306	22.59	41.69	39.11	30.27	34.77	20.17	21.64	11.35	18.3			
	HENBA1004312	8.29	12	23.23	5.76	9.79	3.74	7.73	4.58	8.66			
30	HENBA1004314	17.03	23.79	39.64	14.71	20.95	13.02	20.7	16.69	24.72			
	HENBA1004321	2.16	4.06	8.11	3.21	4	1.12	2.54	0	3.38			
	HENBA1004323	4.43	3.01	0.68	0.1	10.07	1.6	2.71	1.11	0.96			
	HENBA1004327	3.2	5.57	7.13	3.58	3.76	2.03	3.61	2.13	4.27			
	HENBA1004329	47.09	53.32	108.52	56.12	44.95	40.88	71.49	47.58	48.41			
	HENBA1004330	7.28	14.18	16.85	8.09	8.07	7.74	11.04	9.62	5.53			
35	HENBA1004334	6.28	6.86	13.5	5.07	6.47	3.23	5.33	2.42	4.72			
	HENBA1004335	2.77	3.49	11.65	1.67	3.64	0.75	1.36	0.2	2			
	HENBA1004341	4.79	7.07	13.59	3.55	3.83	2.11	5.23	1.8	5.75			
	HENBA1004344	5.88	15.63	22.36	10.54	9.43	7.32	16.14	4.47	6.61			
	HENBA1004347	8.48	17.07	21.37	11.69	14.36	7.58	5.26	6.18	12.85			
	HENBA1004349	19.03	22.2	39.78	17.07	23.84	11.42	16.44	11.72	16.17			
40	HENBA1004352	30.35	31.05	54.47	23.2	27.22	18.91	26.94	20.35	19.47			
	HENBA1004353	65.35	90.37	111.41	40.12	57.25	44.69	62.88	49.41	51.19	*		-
	HENBA1004354	31.04	48.91	55.45	29.8	26.92	23.18	26.7	16	25	*	*	-
	HENBA1004356	36.8	69.45	87.9	42.77	38.63	30.42	48.78	31.27	34.28			
	HENBA1004360	21.37	39.1	60.88	24.3	25.32	19.97	35.28	18.19	17.1			
	HENBA1004366	3.36	19.8	13.89	9.13	8.25	3.58	5.88	3.78	6.29			
45	HENBA1004372	25.71	35.24	61.82	27.78	27.66	28.9	23.52	16.32	31.11			
	HENBA1004377	57.43	64.54	125.12	52.77	52.36	39.76	63.76	39.09	45.41			
	HENBA1004388	26.6	23.69	56.36	35.4	23.53	18.76	21.22	13.58	17.27			
	HENBA1004391	15.02	20.13	38.52	17.1	15.91	14.1	20.59	16.16	16.69			
	HENBA1004393	6.23	8.43	14.77	10.01	2.68	5.81	6.08	4.76	4.24			
	HENBA1004394	6.59	9.68	22.73	7.13	7.36	4.87	8.86	2.4	3.32			
50	HENBA1004396	6.98	7.79	21.04	5.3	10.85	6.63	4.46	2.99	4.78			
	HENBA1004401	25.42	37.64	61.19	35.6	34.11	30.34	50.39	18.9	33.72			
	HENBA1004405	12.61	20.04	37.41	22.75	14.99	14.73	15.19	9.3	13.54			
	HENBA1004408	33.43	47.3	70.7	34.73	36.57	32.16	33.47	25.45	21.56			
	HENBA1004414	11.75	12.41	34.08	20.66	20.73	15.48	9.96	9.26	12.21			
	HENBA1004429	11.38	11.1	25.62	16.77	12.96	11.07	10.66	8.23	8.04			
55	HENBA1004433	4.53	4.23	9.92	6.93	6.74	8.36	4.52	0.98	3.02			
	HENBA1004440	12.02	23.81	31.06	19.67	29.44	19.7	15.12	10.66	15.31			
	HENBA1004444	18.31	24.79	46.54	21.84	22.35	18.04	25.64	13.85	21.08			

Table 371

	HEMBA1004446	1.03	3.03	4.89	2.99	6.41	1.96	3.37	0.17	1.81		
	HEMBA1004451	47.91	49.66	86.71	31.61	23.94	40.91	29.4	25.22	31.73		
5	HEMBA1004452	7.95	9.5	12.93	8.01	5.07	6.5	4.65	4.16	4.59	*	-
	HEMBA1004454	21.61	21.48	36.91	22.76	21.2	22.64	20.66	13.58	20.72		
	HEMBA1004460	3.23	5	9.05	6.23	2.51	4.45	3.96	1.85	1.76		
	HEMBA1004461	9.62	11.87	18.26	13.46	12.46	12.25	11.75	5.13	11.97		
	HEMBA1004468	5.97	8.24	11.49	13.09	9.63	6.4	4.93	3.14	5.27		
	HEMBA1004479	7.22	6.26	11.32	4.91	8.01	9.21	5.84	3.77	4.35		
10	HEMBA1004482	5.37	8.99	11.74	7.23	3.06	5.24	4.77	2.99	3.49		
	HEMBA1004491	7.67	10.41	13.9	11.84	11.35	7.74	9.41	6.84	7.99		
	HEMBA1004499	7.91	12.25	21.91	14.4	10.84	11.41	12.99	9.9	12.88		
	HEMBA1004502	28.69	31.67	44.53	24.39	21.51	21.75	15.45	9.07	14.65	*	-
	HEMBA1004505	9.98	9.29	16.72	11.78	9.95	10.23	12.78	4.69	8.35		
	HEMBA1004506	10.31	10.67	16.69	10.45	12.56	11.51	11.7	4.59	11.13		
15	HEMBA1004507	21.1	25.48	30.3	21.45	19.73	18.7	29.74	17.59	32.44		
	HEMBA1004509	2.41	4.16	3.19	4.33	6.97	5.13	3.86	1.09	3.24		
	HEMBA1004523	16.14	17.44	35.11	23.55	14.39	18.02	17.09	11.42	16.4		
	HEMBA1004528	10.51	13.24	19.75	9.57	16.03	13.29	6.5	10.38	8.52		
	HEMBA1004534	15.22	16.88	30.37	16.94	14.03	18.54	14.2	7.84	17.61		
	HEMBA1004536	6.18	6.2	10.88	7.97	5.18	6.58	4.33	4.17	3.26		
20	HEMBA1004538	9.62	8.85	16.21	10.28	7.48	8.38	4.46	3.25	4.87	*	-
	HEMBA1004542	7.28	10.06	13.56	7.76	7.83	8.12	4.06	4.75	6.69		
	HEMBA1004552	3.25	4.65	8.61	4.79	5	6.2	4.33	0.53	3.64		
	HEMBA1004554	8.19	11.95	16.92	9.57	13.98	10.14	9	4.19	10.81		
	HEMBA1004558	12.36	17.94	21.39	13.09	11.7	13.96	9.64	9.22	10.83		
	HEMBA1004560	4.66	8.68	10.86	4.85	5.89	4.95	2.86	5.27	5.83		
25	HEMBA1004564	9.73	17.48	27.36	16.06	14.28	12.2	13.33	10.15	10.66		
	HEMBA1004566	3.56	3.98	12.25	2.36	4.04	2.92	3.05	2.38	2.63		
	HEMBA1004573	4.48	3.98	12.03	4.58	4.29	4.64	2.63	3.89	4.83		
	HEMBA1004576	18.09	17.62	32.93	24.33	34.17	25.83	17	11.99	13.66		
	HEMBA1004577	3.54	7.83	16.24	7.08	11.02	14.75	9.75	3.87	4.69		
	HEMBA1004586	4.65	5.81	14.36	5.07	7.86	5.89	6.37	2	4.74		
30	HEMBA1004596	284.44	249.12	425.92	413.25	261.05	315.49	139.33	269.7	335.01		
	HEMBA1004604	11.58	13.47	19.78	11.02	11.29	12.05	9.52	8.82	11.26		
	HEMBA1004607	44.74	50.81	86.88	51.55	56.7	51.72	48.7	32.51	56.83		
	HEMBA1004610	6.05	7.49	14.69	9.25	6.9	7.29	6.72	4.7	9.16		
	HEMBA1004617	12.1	9.56	20.48	8.02	10.16	8.41	9.52	5.32	9.98		
35	HEMBA1004622	5.16	8.28	10.24	4.13	6.32	4.27	7.06	2.49	4.07		
	HEMBA1004626	5.67	7.39	15	4.2	9.2	4.95	4.59	5.59	4.31		
	HEMBA1004629	13.02	21.22	41.46	19.54	21.07	18.99	20.74	13.12	14.82		
	HEMBA1004631	73.82	82.05	86.06	51.43	26.56	15.5	10.72	28.9	42.6	*	**
	HEMBA1004632	24.68	42.63	52.95	37.34	19.22	29.39	26.86	22.05	34.67		
	HEMBA1004633	38.98	38.11	53.52	17.86	40.68	39.12	15.84	33.55	35.48		
40	HEMBA1004636	16.64	14.75	24.41	11.5	12.22	12.63	6.1	4.97	7.02	*	-
	HEMBA1004637	10.33	12.11	26.18	5.02	9.26	11.39	12.44	6.08	12.85		
	HEMBA1004638	17.07	21.26	52.09	19.97	27.34	24.5	24.76	14.24	22.8		
	HEMBA1004645	41.39	65.54	74.75	36.73	58.32	57.87	35.72	21.96	40.06		
	HEMBA1004656	33.89	50.4	80.19	35.73	46.51	37.77	45.77	32.71	37.95		
	HEMBA1004657	8.65	8.21	14.8	8.65	5.01	4.76	2.7	2.34	16.46		
45	HEMBA1004666	18.27	17.29	28.67	14.15	16.19	11.73	13.41	11.89	17.32	*	**
	HEMBA1004669	9.31	10.17	13.58	7.86	6.32	5.8	4.8	3.37	4.51	*	-
	HEMBA1004670	6.26	8.23	12.51	5.31	4.65	7.13	5.07	1.93	2.73	*	-
	HEMBA1004672	7.49	5.42	13.8	6.32	5.91	7.14	7.17	3.42	6.19		
	HEMBA1004689	18.06	37.4	36.02	13.85	14.84	13.32	10.59	5.45	12.39	*	-
	HEMBA1004690	8.71	10.59	14.84	3.74	5.26	4.9	4.08	1.25	4.02	*	-
50	HEMBA1004693	54.63	51.62	109.86	81.26	86.47	81.99	74.06	35.68	58.9		
	HEMBA1004697	107.99	90.54	174.23	129.1	114.25	71.85	45.98	67.21	100.42		
	HEMBA1004702	17.82	20.4	33.62	24.43	14.82	19.64	15.1	13.79	12.53		
	HEMBA1004704	4.12	4.28	3.95	3.01	2.64	2.5	2.6	1.84	1.67	**	**
	HEMBA1004705	8.53	8.58	10.66	4.87	5.69	4.53	7.25	3.35	5.23	**	*
	HEMBA1004706	4.44	4.15	10.51	3.36	3.58	2.66	4.3	1.58	2.61		
55	HEMBA1004709	17.24	19.06	37.36	23.46	18.59	23.59	17.98	10.66	14.19		
	HEMBA1004711	162.08	157.26	293.47	260.03	204.86	251.04	138.17	104.82	96.04		
	HEMBA1004723	8.81	12.37	23.58	15.07	18	14.65	13.5	4.03	7.35		

Table 372

	HEMBA1004725	8.16	9.51	14.17	11.97	14.28	12.46	9.22	7.11	10.71				
	HEMBA1004730	9.5	30.77	15.01	11.4	24.39	8.96	5.69	6.95	7.79				
5	HEMBA1004733	4.35	1.94	6.11	2.44	2.1	1.31	3.15	0.66	3.23				
	HEMBA1004734	6.35	4.56	8.84	3.47	5.46	3.65	7.89	2.85	5.88				
	HEMBA1004736	16.7	24.9	39.79	8.08	17.63	7.89	15.58	8.45	13.06				
	HEMBA1004748	7.15	9.02	16.19	2.15	7.19	3.48	6.72	4.3	8.2				
	HEMBA1004749	24.36	23.03	33.63	4.23	9.92	4.61	5.83	2.01	3.6	**	**	-	-
	HEMBA1004751	2.98	5.64	15.55	3.81	7.93	4.03	5.96	2.05	2.94				
10	HEMBA1004752	114.05	106.99	178.16	68.94	72.11	86.46	30.58	32.81	51.61		*	-	-
	HEMBA1004753	63.77	72.42	98.61	28.89	47.7	46.76	41.95	35	54.38	*	*	-	-
	HEMBA1004755	14.23	13.71	21.59	11.51	11.62	10.29	10.53	11.28	11.46				
	HEMBA1004756	8	8.06	13.16	9.58	10.37	12.14	11.47	5.24	11.51				
	HEMBA1004758	28.52	33.28	46.67	20.49	28.34	19.64	31.58	21.06	23.78				
15	HEMBA1004763	5.65	6.08	11.46	2.37	10.09	17.67	15.26	61.35	5.43				
	HEMBA1004768	3.64	9.18	17.67	4.3	5.33	4.44	3.13	1.14	2.86				
	HEMBA1004770	3.52	3.97	15.56	4.59	3.64	3.31	3.4	1.61	4.49				
	HEMBA1004771	9.14	8.57	13.33	7.83	4.73	6.17	4.13	3.12	6.19	*		-	
	HEMBA1004775	4.31	4.72	7.01	2.54	3.11	3.68	4.57	1.14	2.99				
	HEMBA1004776	24.15	24.27	34.07	11	13.72	16.67	11.79	13.67	5.14	*	*	-	-
	HEMBA1004778	7.73	3.98	15.13	3.29	12.02	3.24	6.23	3.84	2.81				
20	HEMBA1004784	24.44	36.5	43.33	23.54	19.27	15.1	33.56	28.4	19.49				
	HEMBA1004785	13.67	18.37	27.67	13.73	15.71	13.71	15.09	7.19	15.39				
	HEMBA1004789	4.14	8.07	13.1	2.66	4.24	5.12	10.75	3.53	4.53				
	HEMBA1004795	7.33	8.35	20.46	14.48	8.52	7.53	6.22	3.52	6.52				
	HEMBA1004797	7.1	4.75	10.25	8.19	4.85	5.24	4.01	3.13	5.6				
25	HEMBA1004803	8.6	9.94	11.36	7.93	6.31	7.52	6.11	2.35	5.54	*	*	-	-
	HEMBA1004806	3.19	2.79	8.69	6.88	5.26	4.11	3.33	0.92	0.9				
	HEMBA1004807	4.03	3.35	11.64	5.63	6	7.16	2.01	2.6	2.3				
	HEMBA1004816	15.48	10.97	19.39	6.27	7.54	6.26	5.63	8.15	5.23	*	*	-	-
	HEMBA1004820	7.87	10.12	20.63	12.23	11.52	10.1	9.12	3.16	8.37				
	HEMBA1004833	4.21	6.73	18.25	5.9	8.04	9.77	5.85	1.98	3.49				
30	HEMBA1004847	3.02	6.46	11.24	4.65	7.78	8.66	8.67	2.5	5.11				
	HEMBA1004850	4.4	5.74	10.78	6.32	4.58	7.77	3.54	4.67	2.65				
	HEMBA1004863	17.31	15.86	32.11	21.23	15.33	16.21	14.88	9.41	17.84				
	HEMBA1004864	17.46	20.24	32.03	15.36	13.18	16.06	19.67	7.45	13.87				
	HEMBA1004865	113.3	61.73	148.7	148.79	88.87	115.94	64.71	39.42	63.09				
	HEMBA1004880	8.83	11.17	12.28	9.73	8.92	10.05	5.47	2.68	3.9	**		-	
35	HEMBA1004882	141.61	124.12	179	131.9	123.22	118.49	123.09	86.3	152.75				
	HEMBA1004885	7.94	7.93	12.26	7.41	11.08	9.32	5.37	3.13	5.59	*		-	
	HEMBA1004889	35.77	44.93	60.57	51.03	25.98	30.7	17.41	45.83	36.11				
	HEMBA1004900	52.96	49.82	61.95	21.61	27.4	15.4	7.06	13.28	12.57	**	**	-	-
	HEMBA1004909	14.18	13.16	28.88	16.89	11.25	13.43	12.38	9.23	13.02				
	HEMBA1004918	6.03	4.11	8.13	4.43	3.46	3.67	3.79	1.63	1.47				
40	HEMBA1004923	9.64	9.9	14.09	8.35	13.9	10.52	5.58	4.15	7.26	*		-	
	HEMBA1004929	3.15	3.03	7.44	3.03	3.95	3.22	2.76	0.8	3.27				
	HEMBA1004930	4.7	7.7	9.9	4.33	7.94	6.01	5.83	3.66	7.33				
	HEMBA1004933	48.9	58.84	65.65	52.38	60.44	49.38	52.85	24.83	54.95				
	HEMBA1004934	3.85	4.55	8.24	5.31	3.47	5.34	6.35	6.72	5.35				
	HEMBA1004937	12.55	13.42	25.29	16.02	10.93	15.03	11.34	9.36	13.16				
45	HEMBA1004943	6.33	9.2	8.01	2.75	3.28	2.19	4.11	2.61	3.13	**	**	-	-
	HEMBA1004944	19.58	19.31	31.82	17.17	17.7	18.72	15.62	10.66	19.2				
	HEMBA1004946	12.19	9.84	23.87	11.5	9.34	11.54	7.67	6.35	7.62				
	HEMBA1004952	5.52	5.6	7.61	2.28	4.07	4.82	1.95	1.52	2.27	**		-	
	HEMBA1004954	95.41	161.15	61.32	125.56	130.49	124.27	79.29	36.2	131.05				
	HEMBA1004956	3.34	5.15	10.1	3.76	7.59	6.47	4.82	2.29	4.38				
50	HEMBA1004960	18.1	21	43	23.94	15.38	19.28	12.99	14.78	18.5				
	HEMBA1004971	17.31	26.71	28.24	5.08	6.02	5.94	4.63	4.75	6.7	**	**	-	-
	HEMBA1004972	122.03	238.04	172.22	44.53	137.98	72.83	61.38	80.13	88.64	*		-	
	HEMBA1004973	3.44	2.83	7.72	3.58	1.82	6.46	2.6	2.06	3.24				
	HEMBA1004977	14	10.09	24.08	10.99	9.73	9.85	6.91	5.11	5.98				
	HEMBA1004978	11.81	9.75	18.48	9.66	9.26	8.27	8.68	4.77	8.65				
55	HEMBA1004980	6.76	8.63	15.4	3.58	6.32	6.19	5.45	3.4	4.05				
	HEMBA1004982	6.24	8	15.9	4.68	8.72	7.61	5.71	2.32	4.42				
	HEMBA1004983	27.66	31.4	50.17	31.75	22.28	27.83	26.75	25.03	37.28				

Table 373

	HEMBA1004995	13.04	8.58	10.13	7.12	8.06	6.92	2.73	3.68	5.31	*	-
	HEMBA1005004	4.77	5.36	6.34	4.11	3.26	3.94	3.94	3.84	5.52	*	-
5	HEMBA1005008	57.09	40.78	98.86	67.53	69.03	54.32	23.5	39.71	21.46		
	HEMBA1005009	1057.6	723.08	1508	886.08	1346.5	1172.9	1256.5	763.02	961.92		
	HEMBA1005019	4.41	3.37	12.38	2.48	5.05	3.17	5.8	3.17	5.15		
	HEMBA1005021	20.78	39.68	34.72	6.67	27.86	14.2	11.45	16.23	4.97	*	-
	HEMBA1005029	70.74	90.66	114.47	109.76	103.35	90.04	59.53	40.06	53.52	*	-
	HEMBA1005035	18.47	18.85	35.14	26.8	19.92	22.3	9.64	15.48	14.58		
10	HEMBA1005036	6.46	8.45	12.94	4.31	7.1	4.1	3.99	2.47	4.91		
	HEMBA1005039	30.97	34.92	39.63	34.24	27.86	28.36	12.93	8.11	16.92	**	-
	HEMBA1005047	8.28	10.14	13.81	4.91	5.09	5.36	2.77	2.57	2.31	*	**
	HEMBA1005050	3.68	2.17	10.81	2.45	2.33	1.31	2.32	1.28	0.56		
	HEMBA1005062	4.16	12.91	14.13	4.05	8.34	22.08	6.52	3.12	5.74		
	HEMBA1005066	10.67	14.99	36.8	11.75	15.95	10.56	12.8	8.39	12.44		
15	HEMBA1005067	4.44	5.11	10.87	2.4	4.78	3.11	2.95	0.22	2.1		
	HEMBA1005070	52.72	54.64	132.49	164.51	146.19	162.23	48.46	33.29	55.3	*	+
	HEMBA1005075	3.89	4.62	7.08	4.3	4.86	3.7	4.12	2.52	4.18		
	HEMBA1005078	9.47	16.56	13.83	7.13	9.41	6.63	4.44	6.27	3.76	*	-
	HEMBA1005079	31.02	35.09	45.38	24.46	22.17	19.63	32.37	21.21	24.67	*	-
20	HEMBA1005083	6.87	5.26	12.68	2.37	3.44	3.16	3.82	1.83	4.73		
	HEMBA1005084	14.72	21.03	25.93	7.18	18.88	15.76	10.99	5.75	6.49	*	-
	HEMBA1005088	4.46	4.67	12.93	1.85	3.81	2.48	3.1	1.87	2.53		
	HEMBA1005089	4.71	9.88	14.88	4.89	6.06	3.51	4.1	0.92	1.92		
	HEMBA1005090	25.03	17.55	31.81	18.25	14.13	11.76	5.18	6.32	11.92	*	-
	HEMBA1005096	5.89	3.91	4.65	4.65	2.95	3.34	2.39	2.2	2.94	*	-
	HEMBA1005101	39.08	41.35	50.86	29.48	23.15	20.02	33.26	32.78	29.58	*	*
25	HEMBA1005107	40	41.43	50.54	29.82	24.91	24.18	41.74	30.86	33.12	**	-
	HEMBA1005113	113.11	107.38	156.04	92.91	86.12	76.09	106.26	47.64	78.36		
	HEMBA1005123	10.25	18.19	27.19	10.94	11.91	8.06	14	8.52	9.01		
	HEMBA1005133	17.82	23.43	41.02	14.36	24.16	22.06	27.83	16.74	25.23		
	HEMBA1005135	5.59	8.93	15.2	4.63	7.32	4.29	4.52	1.48	2.68		
30	HEMBA1005145	4.53	2.71	8.45	5.36	4.35	4.23	3.05	2.29	4.35		
	HEMBA1005149	378.91	317.95	317.16	22.18	181	208.94	102.53	216.46	124.98	*	**
	HEMBA1005152	6.82	9.2	10.54	4.39	6.2	1.79	3.59	2.97	2.92	*	**
	HEMBA1005159	7.43	8	10.73	4.97	6.07	2.08	4.16	3.29	1.57	*	-
	HEMBA1005172	7.45	10.34	13.12	4.47	4.62	4.49	4.3	1.57	2.99	*	*
	HEMBA1005185	22.87	28.13	43.59	20.68	26.1	16.31	27.6	18.57	18.78		
35	HEMBA1005186	8.26	12.01	22.97	7.71	9.71	6.32	6.15	2.19	5.11		
	HEMBA1005195	21.01	45.46	54.34	19.83	21.77	13.25	11.91	3.42	10.22	*	-
	HEMBA1005201	30.23	25.81	53.48	38.66	31.34	27.12	18.26	15.51	22.99		
	HEMBA1005202	5.59	7.98	9.58	3.99	3.6	4.2	6.81	2.2	7.96	*	-
	HEMBA1005204	16.46	12.78	28.18	11.48	14.05	9.97	14.37	10.45	14.76		
	HEMBA1005206	23.26	6.89	27.27	4.57	14.1	5.14	8.86	8.11	3.99		
40	HEMBA1005219	46.02	33.86	64.57	13.22	55.15	17.76	33.33	34.4	11.24		
	HEMBA1005223	6.35	5.89	13.54	0.44	2.75	4.32	3.73	1.82	1.78		
	HEMBA1005229	6.79	9.67	19.26	5.01	5.11	5.18	4.75	0.62	2.59		
	HEMBA1005230	211.84	132.19	314.59	37.27	92.19	87.58	104.99	40.98	12.2	*	-
	HEMBA1005232	5.02	3.23	8	4.94	3.86	4.85	3.42	2.21	2.54		
	HEMBA1005238	4.01	4.87	12.04	12.05	4.27	6.06	2.73	1.86	3.31		
45	HEMBA1005241	4.78	4.02	12.24	4.12	3.03	3.52	2.77	1.9	3.08		
	HEMBA1005244	7.96	6.13	14.8	5.66	6.64	4.51	3.63	3.58	2.47		
	HEMBA1005246	144.3	160.26	353.25	249	171.68	181.26	165.76	91.77	157.68		
	HEMBA1005251	11.91	8.98	32.78	5.64	10.3	10.41	18.87	11.34	4.1		
	HEMBA1005252	12.15	18.12	37.6	17.48	16.35	13.11	14.26	8.12	11.62		
	HEMBA1005267	41.28	35.46	59.97	65.43	48.12	53.65	34.92	15.48	29.09		
50	HEMBA1005274	146.06	122.53	200.33	113.76	78.58	123.13	106.12	96.92	123.47		
	HEMBA1005275	50.96	52.4	71.8	62.52	44.67	45.43	64.52	35.24	52.21		
	HEMBA1005288	36.19	33.62	70.75	88.7	68.37	56.26	25.84	20.1	22.79		
	HEMBA1005293	11.95	9.22	34.15	19.57	13.03	24.04	13.57	18.82	7.5		
	HEMBA1005296	17.02	8.96	24.16	11.91	18.13	12.63	5.55	16.37	7.9		
	HEMBA1005301	7.64	4.4	12.18	6.44	7.08	7.49	6.66	3.04	4.73		
55	HEMBA1005304	3.18	4.74	9.81	5.51	5.89	5.14	6.35	2.58	2.92		
	HEMBA1005305	4.23	5.99	12.03	5.04	5.33	5.38	6.54	0.53	2.54		
	HEMBA1005311	11.53	9.17	14.37	12.69	6.17	11	10.14	6.62	9.41		

Table 374

	HENBA1005313	33.27	32.37	38.89	32.29	19.06	24.67	17.8	16.01	18.82	**	-
	HENBA1005314	24.58	33.06	42.65	21.87	11.43	15.5	9.92	9.33	8.85	*	-
5	HENBA1005315	12.58	12.96	19.94	17.38	10.31	13.36	9.94	6.48	5.8	*	-
	HENBA1005317	4.9	4.68	7.03	6.55	5.75	6.41	3.83	2.01	4.66		
	HENBA1005318	2.91	3.45	4.86	4.07	3.07	4.59	2.08	0.38	2.27		
	HENBA1005324	11.54	12.46	27.19	15.78	17.61	18.74	11.73	1.86	14.23		
	HENBA1005331	43.61	41.81	60.5	40.68	48.26	41.6	45.76	21.6	43.46		
10	HENBA1005337	20.3	20.66	34.16	18.47	13.27	15.91	13.2	7.95	13.16	*	-
	HENBA1005338	37.76	51.08	62.83	38.86	14.3	16.63	9.18	11.59	18.35	**	-
	HENBA1005344	58.27	53.4	127.13	158.88	86.48	122.88	43.73	24.53	36.87		
	HENBA1005353	291.67	197.22	329.41	381.89	358.33	324.87	364.08	232.83	294.3		
	HENBA1005359	3.54	4.47	8.65	4.81	7.38	8.25	4.29	2.88	3.92		
	HENBA1005362	14.29	12.72	20.99	11.94	11.74	13.92	13.73	6.82	10.98		
15	HENBA1005364	3.08	8.57	11.19	9.32	9.41	5.54	6.78	3.23	3.82		
	HENBA1005367	9.52	14.36	9.74	11.62	16.31	12.41	12.24	9.27	3.86		
	HENBA1005372	309.34	404.59	430.49	84.13	123.69	78.11	25.56	68.19	97.12	**	-
	HENBA1005374	35.56	51.63	69.8	44.44	39.19	38.53	36.51	36.03	34.64		
	HENBA1005379	33.5	27	43.36	22.13	30.25	17.05	21.18	29.05	27.22		
	HENBA1005382	15.49	19.66	32.8	16.35	15.89	24.51	20.76	15.49	21.41		
20	HENBA1005384	6.36	8.47	15.31	11.14	12.78	12.49	8.42	6.41	12.29		
	HENBA1005386	7.43	7.3	12.47	6.27	5.44	7.51	3.39	1.08	4.63	*	-
	HENBA1005389	18.61	20.29	18.71	13.5	21.69	22.09	19.9	13.97	9.2		
	HENBA1005394	12.89	8.67	16.27	12.3	14.5	11.32	10.11	3.58	3.69		
	HENBA1005403	4.34	4.47	10.77	7.65	8.37	7.4	6.03	4.21	5.27		
	HENBA1005408	5.14	5.28	8.12	4.84	5.38	6.7	5.4	4.72	1.33		
25	HENBA1005410	147.8	198.98	244.61	96.9	175.54	169.68	68.34	63.45	81.73	*	-
	HENBA1005411	3.94	4.86	10.62	4.18	2.45	4.02	1.07	3.25	2.19		
	HENBA1005423	7.19	6.73	19.41	6.38	7.84	8.58	6.14	3.21	5.83		
	HENBA1005426	95.36	92.66	185.58	213.51	144.79	175.18	76.93	45.72	96.01		
	HENBA1005427	3.18	3.68	9.55	2.9	4.08	4.42	2.98	1.86	3.96		
	HENBA1005430	38.92	50.77	66.51	41.28	49.27	33.43	51.65	28.88	24.29		
30	HENBA1005438	85.73	96.52	156.38	59.22	45.51	57.38	12.76	14.31	32.68	*	-
	HENBA1005443	15.2	22.18	31.05	12.38	21.42	15.9	15.18	10.34	15.89		
	HENBA1005447	7.4	8.91	13.83	6.04	6.83	6.51	4.71	3.18	4.95	*	-
	HENBA1005449	188.67	185.78	227.88	315.2	205.18	189.94	184.99	92.08	155.69		
	HENBA1005452	87.1	82.51	97.54	153.23	76.5	106.72	73.14	41.42	77.58		
	HENBA1005454	4.07	5.62	12.12	2.12	9.94	2.42	3.66	2.56	2.8		
35	HENBA1005468	3.12	5.06	12.85	2.9	5.78	4.72	1.8	1.69	1.54		
	HENBA1005469	4.06	5.82	14.74	4.56	9.66	7.3	4.34	3.61	3.19		
	HENBA1005472	48.84	68.93	98.37	43.92	45.45	42.16	48.44	44.29	63.31		
	HENBA1005474	3.81	5.4	6.23	3.61	6.81	3.03	3.23	2.83	4.47		
	HENBA1005475	18.35	13.18	29.74	13.69	11.52	8.61	14	8.86	16.92		
	HENBA1005489	11.24	6.84	19.41	11.32	8.2	10.15	7.69	4.76	6.72		
40	HENBA1005497	3.55	3.84	13.2	3.87	5.02	4.47	2.68	1.54	6.08		
	HENBA1005500	9.06	12.27	15.75	5.67	8.54	10.09	5.5	7.58	6.57	*	-
	HENBA1005506	66.72	77.27	99.37	69.96	83.48	86.85	48.45	36.29	43.04	*	-
	HENBA1005508	10.52	16.74	23.57	15.52	16.57	19.17	24.35	7.4	7.32		
	HENBA1005511	106.43	145.35	110.4	50.22	49.21	46.23	5.8	10.19	8.56	**	-
	HENBA1005513	13.22	13.61	12.43	5.61	8.6	9.42	6.36	6.5	6.97	*	-
45	HENBA1005517	8.83	13.8	21.17	12.19	9.09	9.65	12.06	10.72	8.14		
	HENBA1005518	6.15	6.12	10.29	3.31	2.65	3.34	2.82	2.51	2.48	*	-
	HENBA1005520	4.72	5.27	15.66	1.8	9.96	5.07	11.44	4.1	6.1		
	HENBA1005522	7.43	6.22	15.1	2.69	4.51	4.56	4.2	1.89	5.13		
	HENBA1005526	12.95	11.98	23.79	6.97	14.67	6.23	7.41	3.51	8.41		
	HENBA1005528	20.88	31.78	47.82	17.24	26.35	20.12	19.44	10.67	18.86		
50	HENBA1005530	155.03	123.7	313.84	376.32	270.85	265.42	127.01	98.49	126.67		
	HENBA1005538	4.22	2.81	4.67	3.91	2.23	1.75	0.82	1.49	1.34	*	-
	HENBA1005539	7.37	8.42	11.33	9.56	8.07	5.43	6.22	7.08	3.71		
	HENBA1005545	6.67	6.11	9.83	3.2	2.97	2.68	4.51	2.07	2.36	*	-
	HENBA1005548	9.67	16.77	17.36	7.24	13.44	14.5	10.18	7.2	5.13		
	HENBA1005552	51.47	60.33	76.88	44.85	67.33	45.49	61.05	38.5	41.19		
55	HENBA1005558	1303.4	1695.5	2079.7	1863.4	2100.7	1420	1688.2	1099.2	644.47		
	HENBA1005568	18.05	24.94	43.8	19.93	30.36	19.35	24.29	10.08	5.54		
	HENBA1005570	9.18	10.68	10.58	5.69	4.61	5.33	3.91	1.39	3.62	**	-

Table 375

	HEMBA1005576	3.76	5.34	5.63	3.54	6.15	2.3	3.82	3.83	3.35				
	HEMBA1005577	3.45	4.03	5.12	2.3	2.95	1.9	2.63	1.06	1.56	*	*	-	-
5	HEMBA1005581	17.34	15.11	23.24	3.89	10.6	7.1	4.64	4.62	3.74	*	**	-	-
	HEMBA1005582	240.9	356.29	365.46	317.4	608.67	346.15	243.13	155.96	316.09				
	HEMBA1005583	56.28	75.41	54.74	36.66	53.45	30.25	44.93	12.37	20.67		*	-	-
	HEMBA1005588	48.19	61.31	71.13	27.32	36.77	18.93	99.81	56.7	45.14	*		-	-
	HEMBA1005593	8.46	13.58	28.24	14.33	10.97	7.86	11.3	3.69	6.67				
	HEMBA1005595	5.4	4.89	14.77	3.77	3.53	5.64	3.73	2.81	4.24				
10	HEMBA1005597	4.61	6.07	5.65	4.04	20.76	7.93	6.41	5.62	16.69				
	HEMBA1005606	10.57	19.2	23.77	3.86	10.94	4.17	5.54	1.39	3.32	*		-	-
	HEMBA1005609	15.17	18.03	17.77	3.19	7.05	3.09	3.33	3.84	3.16	**	**	-	-
	HEMBA1005616	3.29	3.65	8.89	1.88	4.28	2.06	3.75	2.04	3.26				
	HEMBA1005621	2.8	5.27	13.13	1.63	2.71	2.81	4.45	1.3	2.19				
15	HEMBA1005627	26.17	45.68	60.66	11.35	32.13	15.73	25.61	10.31	7.56				
	HEMBA1005628	4.16	6.62	18.11	5.71	6.97	5.93	6.45	1.4	3.09				
	HEMBA1005631	2.97	2.99	6.58	2.7	2.52	4.68	1.93	1.12	1.83				
	HEMBA1005632	8.75	7.76	13.3	5.6	4.94	4.75	6.21	2.5	5.1	*		-	-
	HEMBA1005634	13.26	27.71	36.18	8.65	7.52	11.69	10.2	6.61	5.28				
	HEMBA1005662	5.49	5.63	8.59	1.07	4.9	3.69	4.47	3.62	2.83				
20	HEMBA1005666	4.1	8.92	17.42	4.51	5.05	7.36	8.37	3.56	4.18				
	HEMBA1005670	19.65	25.57	58.84	10.77	25.74	28.55	25.33	19.21	13.78				
	HEMBA1005671	3.25	3.78	12.05	4.13	4.03	2.36	2.63	0.58	1.59				
	HEMBA1005679	30.48	23.92	60.53	11.99	24.03	21.81	34.62	12.99	24.28				
	HEMBA1005680	5.31	5.25	11.55	7.98	6.67	8.25	4.31	2.95	4.88				
	HEMBA1005685	10.54	10.31	19.75	6.25	14.08	11.58	12.25	7.49	2.77				
25	HEMBA1005698	3.05	4.09	5.88	5.75	3.35	4.26	2.89	1.71	1.85				
	HEMBA1005699	81.55	73.56	131.24	173.55	121.01	131.74	58.39	29.63	52.24				
	HEMBA1005703	8.7	6.7	19.33	15.32	12.15	10.29	11.29	5.53	9.29				
	HEMBA1005705	10.69	16.62	28.52	12.65	15.48	9.89	13.24	7.86	8.73				
	HEMBA1005712	14.41	9.07	21.89	4.52	12.06	8.24	12.54	7.16	9.37				
	HEMBA1005717	9.58	15.11	28.28	15.34	17.37	16.39	10.48	4.92	9.53				
30	HEMBA1005718	14.72	17.46	32.28	23.31	13	19.82	12.33	8.89	13.45				
	HEMBA1005721	7.61	8.19	16.43	10.15	9	9.16	5.24	3.31	7.52				
	HEMBA1005722	8.96	8.38	15.56	10.88	5.15	8.22	6.16	2.61	4.2				
	HEMBA1005724	3.21	3.63	9.19	3.08	3.41	4.96	4.32	2.79	3.41				
	HEMBA1005732	26.35	14.39	37.65	46.13	33.11	35.41	27.65	13.58	24.67				
	HEMBA1005737	10.7	10.58	19.74	12.96	11.14	14.53	14.77	5.18	11.46				
35	HEMBA1005742	24.19	21.22	31.29	17.65	22.38	19.25	19.89	11.57	20.16				
	HEMBA1005746	16.18	18.76	28.18	19.8	21.24	20.22	17.64	16.51	21.84				
	HEMBA1005747	4.59	6.97	9.33	5.84	4.66	4.23	3.4	2.42	2.9	*		-	-
	HEMBA1005749	4.06	4.65	5.89	4.59	4.51	2.42	4.14	4.65	3.14				
	HEMBA1005755	6.51	5.76	10.77	4.34	2.96	3.2	3.26	2.6	1.41	*		-	-
	HEMBA1005760	8.14	6.09	21.23	11.82	15.12	18.05	5.99	3.99	9.09				
40	HEMBA1005765	16.17	18.36	30.68	12.16	17.74	19.5	18.91	12.07	18.52				
	HEMBA1005766	4.59	6.7	11.4	6.4	6.48	7.14	3.63	2.36	6.46				
	HEMBA1005780	66.74	88.34	50.49	70.57	83.73	79.9	51.01	23.87	50.17				
	HEMBA1005795	12.49	13.53	22.26	21.04	27.08	17.3	17.89	8.53	16.93				
	HEMBA1005809	27.58	28.57	37.75	10.82	11.75	10.76	7.41	20.02	13.83	**	*	-	-
	HEMBA1005813	11.01	13.12	21.07	10.05	5.62	7.48	3.75	4.75	2.72	*		-	-
45	HEMBA1005815	13.88	21.46	26.3	18.7	15.38	15.54	15.88	14.09	23.04				
	HEMBA1005822	2.32	4.46	5.72	1.33	1.78	1.99	1.83	4.15	2.65				
	HEMBA1005829	11.63	17.29	26.15	14.23	14.49	18.69	18.12	8.68	16.12				
	HEMBA1005833	7.51	11.08	19.55	8.36	9.46	9.74	7.13	4.47	9.24				
	HEMBA1005834	2.53	4.28	9.15	2.39	5.2	3.43	3.05	1.57	2.22				
	HEMBA1005844	5.49	8.18	12.47	6.96	9.74	5.87	6.18	2.19	5.4				
50	HEMBA1005852	9.05	12.52	17.23	5.22	7.99	5.59	7.73	5.09	7.72				
	HEMBA1005853	12.09	27.26	20.62	6.51	8.22	6.09	4.4	8.87	5.67	*	*	-	-
	HEMBA1005878	16.48	26.29	29.76	6.78	14.33	12.64	11.87	13.79	15.64	*		-	-
	HEMBA1005883	10.6	8.45	21.85	5.18	5.86	5.16	3.04	2.55	2.52				
	HEMBA1005884	18.4	17.45	38.78	13.72	28.17	26.47	16.14	9.17	16.98				
	HEMBA1005891	14.35	23.5	29.7	12.96	17.06	15.29	15.47	12.21	17.4				
55	HEMBA1005894	20.76	25	45.44	20.3	23.59	18.03	21.15	9.72	19.92				
	HEMBA1005898	6.21	7.33	9.72	7.72	7.68	5.64	3.86	1.59	3.36	*		-	-
	HEMBA1005902	52.63	54.88	95.93	140.97	103.88	141.36	40.77	40.69	57.15	*		+	-

Table 376

	HENBA1005907	11.51	24.95	21.68	5.18	12.96	7.51	14.52	20.83	32.4			
	HENBA1005909	12.54	10.65	15.16	9.37	9.7	8.92	5.33	5.2	5.61	**	-	
5	HENBA1005911	4.25	2.94	8.69	4.53	4.07	3.47	3.19	0.81	2.14			
	HENBA1005912	35.05	30.41	48.44	55.56	35.89	54.16	35.55	16.99	36.27			
	HENBA1005913	8.07	12.66	17.16	3.35	11.55	8.12	4.56	4.08	5.57	*	-	
	HENBA1005921	8.39	17.95	29.27	13.5	18.47	18.42	20.02	11.79	13.13			
	HENBA1005922	10.23	12.69	22.71	8.62	19.47	16.43	10.1	8.02	9.98			
10	HENBA1005929	14.03	14.99	35	18.43	15.07	16.06	12.42	10.95	15.92			
	HENBA1005931	6.92	7.45	8.96	7.96	7.11	4.38	5.8	5.53	5.56	*	-	
	HENBA1005934	9.15	11.61	14.52	6.47	9.42	7.17	6.06	6.07	3.78	*	-	
	HENBA1005945	13.18	17.17	24.76	14.61	10.38	10.87	14.78	9.7	14.04			
	HENBA1005962	8.03	8.91	21.61	8.95	9.17	9.16	8.64	3.56	9.28			
	HENBA1005963	7.03	8.04	15.69	2.68	5.58	6.69	5.62	2.88	7			
	HENBA1005990	1.77	6.11	10.33	2.7	4.79	2.9	2.4	1.78	3.08			
15	HENBA1005991	64.98	101.38	91.59	21.08	89.91	49.01	45.05	21.27	28.13	*	-	
	HENBA1005999	10.77	8.18	14.85	9.74	9.96	11.62	9.75	7.35	11.3			
	HENBA1006002	4.73	10.03	9.92	4.44	5.47	3.19	2.29	3.3	1.96	*	-	
	HENBA1006005	11.33	12.26	21.89	15.72	14.29	10.03	11.77	7.68	11.25			
	HENBA1006011	7.74	6.02	9.99	4.17	3.85	3.65	4.89	1.78	2.14	*	-	
20	HENBA1006013	15.75	24.43	27.02	14.33	11.65	10.41	12.44	6.76	8.78	*	-	
	HENBA1006016	12.67	16.72	32.68	4.67	8.33	5.18	11.34	2.62	5.66			
	HENBA1006019	39.35	43.51	94.43	41.01	47.95	33.8	48.65	20.74	35.48			
	HENBA1006021	100.18	64.95	186.84	161.47	154.88	173.68	76.07	51.55	67.34			
	HENBA1006022	4.41	4.65	8.97	5.98	4.93	5.29	5.93	2.38	6.8			
	HENBA1006031	54.5	55.09	63.41	23.75	30.34	33.23	14.55	24.74	14.18	**	**	-
25	HENBA1006035	26.81	26.57	28.41	13.64	17.75	10.2	23.49	16.85	24.27	**	-	
	HENBA1006036	30.41	35.58	51.17	28.85	21.84	21.47	22.61	12.69	16.92	*	-	
	HENBA1006042	14.78	15.89	30.2	21.62	13.62	17.35	12.05	7.06	10.83			
	HENBA1006044	6.37	6.38	15.67	2.89	5.13	3.3	5.6	2.77	4.16			
	HENBA1006045	5.05	5.98	16.26	5.37	6.51	3.98	4.26	3.34	4.33			
	HENBA1006048	5.66	8.21	17.12	5.57	7.7	7.23	7.81	2.07	6.93			
30	HENBA1006053	9.91	12.14	22.17	11.19	10.11	10.25	6.6	4.29	8.53			
	HENBA1006055	18.11	16.89	29.58	15.19	13.98	12.78	12.35	11.58	12.66			
	HENBA1006058	12.02	10.46	14.6	9.27	7.95	6.43	9.22	7.8	6.16	*	-	
	HENBA1006063	115.82	107.87	141.14	161.05	129.88	130.01	94.43	64.84	83.98	*	-	
	HENBA1006067	14.46	16.19	18.97	8.28	13.91	5.01	10.46	4.28	4.98	*	-	
	HENBA1006081	3.95	8.3	15.7	2.09	6.94	3.38	3.92	1.35	3.37			
35	HENBA1006089	4.09	6.69	17.6	2.93	4.85	1.66	3.54	1.57	3.85			
	HENBA1006090	16.61	33.98	39.21	14.19	23.81	18.25	18.94	5.99	5.67			
	HENBA1006091	6.4	6.94	10.5	5.04	5.34	5.02	4.02	3.3	3.85	*	-	
	HENBA1006093	24.23	35.95	33.59	5.11	7.76	13.97	5.79	10.1	7.62	**	**	-
	HENBA1006099	23.7	22.12	46.77	18.77	21.87	13.39	21.06	17.59	21.54			
	HENBA1006100	15.19	17.46	28.4	13.14	14.55	10.6	18.9	11.15	17.08			
40	HENBA1006108	9.23	5.57	12.26	4.66	7.02	4.99	4.59	2.55	4.37			
	HENBA1006114	6.24	4.2	16.8	2.53	7.16	4.48	5.37	0.85	3.06			
	HENBA1006121	4.96	7.47	17.94	3.37	6.22	2.88	5.11	1.02	2.9			
	HENBA1006124	23.37	10.77	43.63	10.18	13.13	12.16	9.91	5.78	5.28			
	HENBA1006125	5.3	5.09	9.35	4.55	4.9	6.58	2.71	1.37	4.21			
	HENBA1006130	81.41	100.18	218.91	239.88	178.96	190.17	100.6	68.45	89.08			
45	HENBA1006138	16.78	21.47	42.54	20.91	18.85	14.71	18.67	11.93	13.92			
	HENBA1006142	6.25	5.14	9.74	3.49	5.53	4.08	2.75	2.92	2.44	*	-	
	HENBA1006150	20.94	16.77	47.47	16.05	12.94	20.13	22.73	16.22	18.83			
	HENBA1006151	3.81	3.62	12.07	4.06	2.71	3.79	4.85	1.6	3.25			
	HENBA1006155	51.87	36.97	81.85	14.8	33.19	24.55	29.86	21.38	8.77			
	HENBA1006158	7.8	6.18	16.28	4	7.84	5.44	10.27	1.55	3.09			
50	HENBA1006164	7.41	4.45	10.51	11.19	6.62	6.2	5.41	2.39	2.71			
	HENBA1006171	11.38	13.76	11.95	10	9.74	12.84	7.5	4.2	3.45	**	-	
	HENBA1006173	5.77	5.17	5.55	5.75	11.01	7.35	5.28	2.14	3.83			
	HENBA1006176	10.21	6.39	20.68	12.36	13.62	14.28	6.26	8.81	6.76			
	HENBA1006182	6.52	8.53	12.82	8.56	9.55	11.37	5.71	3.32	5.23			
	HENBA1006197	4.36	5.59	8.45	4.07	4.78	4.63	3.18	1.47	2.61	*	-	
55	HENBA1006198	6.83	8.29	18.43	9.27	9.93	14.63	6.95	4.93	6.04			
	HENBA1006213	46.5	59.16	87.76	45.37	52.9	41.61	64.69	38.82	49.81			
	HENBA1006217	77.53	104.19	150.86	44.45	56.82	81.63	56.2	53.63	65.92			

Table 377

	HENBA1006226	60.66	89.4	128.3	98.59	21.45	56.73	34.83	42.34	47.3		
	HENBA1006235	7.29	6.42	9.51	4.4	5.83	6.34	4	1.9	2.78	*	-
5	HENBA1006248	8.59	14.3	12.76	17.84	10.1	10.62	14.29	11.1	13.06		
	HENBA1006251	15.98	24.11	24.67	22.82	19.08	21.09	16.03	3.32	8.44		
	HENBA1006252	6.29	11.35	24.58	17.83	5.75	7.22	9.32	6.16	9.75		
	HENBA1006253	6.65	9.14	20.63	14.78	17.19	22.49	8.79	1.77	6.4		
	HENBA1006259	11.81	21.15	28.91	16.9	10.94	16.19	15.68	14.83	17.05		
	HENBA1006261	25.45	37.82	48.94	33.85	29.71	14.07	18.76	15.97	24.68		
10	HENBA1006268	4.53	5.62	11.14	5.03	3.83	5.91	4.8	2.63	2.52		
	HENBA1006271	27.87	48.98	84.46	39.21	39.6	40.82	30.74	14.23	28.33		
	HENBA1006272	3.48	5.09	12.53	3.82	7.27	10.33	8.77	2.68	5.16		
	HENBA1006273	4.26	5.62	9.16	7.22	6.74	6.25	4.33	1.91	3.78		
	HENBA1006276	8	7.56	13.01	10.92	8.88	11.33	8.59	5.55	8.36		
	HENBA1006278	3.56	6.86	4.87	4.56	7.03	4.18	3.68	1.91	2.81		
15	HENBA1006283	21.61	22.15	38.14	17.11	13.97	13.64	11.04	8.54	8.53	*	-
	HENBA1006284	9.77	12.43	9.21	7.3	6.48	8.66	4.11	16.95	4.13		
	HENBA1006291	7.57	5.98	8.47	4.12	5.97	5.86	4.51	2.35	4.32	*	-
	HENBA1006292	28.37	23.25	41.05	49.83	29.24	37.1	21.69	20.86	21.95		
	HENBA1006293	3.75	5.49	8.43	3.08	2.38	10.01	0.91	2.39	2.11	*	-
	HENBA1006299	20.83	28.58	31.92	37.12	28.94	29.71	18.96	13.53	20.58		
20	HENBA1006309	12.21	13.85	16.63	10.12	12.48	15.92	14.59	3.8	13.91		
	HENBA1006310	10.98	14.98	14.35	11.71	17.38	10.36	10.75	8.47	4.15		
	HENBA1006311	7.24	7.64	16.35	13.11	5.74	8	7.15	4.03	4.85		
	HENBA1006313	3.22	8.11	10.2	4.45	3.61	3.07	2.82	2.44	2.58		
	HENBA1006316	7.65	12.92	15.52	10.38	5.11	11.89	7.9	6.94	9.74		
	HENBA1006328	21.63	21.11	38.33	32.37	21.64	26.1	17.68	13.27	19.36		
25	HENBA1006334	3.37	3.68	14.62	4.58	3.28	2.72	2.89	4.86	1.73		
	HENBA1006335	17.68	32.85	46.47	23.14	32.25	24.21	26.2	15.13	17.28		
	HENBA1006344	55.44	64.87	82.83	51.59	45.13	40.79	32.94	23.43	27.33	**	-
	HENBA1006347	7.7	7.61	11.32	7.96	6.93	5.21	8.91	1.81	2.49		
	HENBA1006349	5.12	7.39	13.08	11.96	7.92	10.21	7.73	3.41	9.88		
	HENBA1006352	4.71	5.44	5.8	3.17	4.05	6.34	3.53	2.18	6.11		
30	HENBA1006357	21.84	30.15	32.51	16.24	19.4	20.03	17.68	17.67	25.75	*	-
	HENBA1006358	9.29	7.19	14.9	8.1	8.4	7.37	7.12	3.93	6.97		
	HENBA1006359	5.5	5.93	13.36	4.55	6.66	5.77	4.91	2.59	3.15		
	HENBA1006360	4.46	4.17	9.74	2.49	4.18	4.08	2.89	1.16	2.66		
	HENBA1006364	4.83	5.25	14.76	2.78	4.9	3.21	2.71	2.21	3.79		
	HENBA1006377	80.85	114.32	105.84	75.76	102.36	58.33	93.99	60.04	78.87		
35	HENBA1006380	20.03	20.23	49.46	23.06	19.66	23.19	14.68	15.28	25.75		
	HENBA1006381	21.8	26.78	34.04	28.98	18.12	16.56	28.76	15.54	19.65		
	HENBA1006385	26.15	27.47	48.23	21.69	21.93	26.5	17.06	11.15	26.68		
	HENBA1006390	66.76	79.54	86.03	47.23	63.78	61.2	79.04	51.69	65.97		
	HENBA1006391	9.83	7.54	21.2	5.37	10.85	8.66	7.1	4.25	6.66		
	HENBA1006398	7.74	10.16	17.94	6.15	8.15	10.18	5.31	3.87	6.36		
40	HENBA1006405	17.21	30.3	36.97	11.67	17.28	9.3	9.52	5.99	10.52	*	-
	HENBA1006410	12.29	24.19	20.82	11.01	22.54	19.08	10.32	24.08	7.5		
	HENBA1006416	13.77	16.34	35.1	20.2	19.08	14.96	13.83	12.25	17.9		
	HENBA1006418	14.88	14.23	12.55	8.74	10.37	7.82	5.57	12.05	3.94	**	-
	HENBA1006419	30.32	26.38	45.23	21.57	20.76	20.5	35.29	23.16	35.95		
	HENBA1006421	6.94	7.3	14.62	4.48	5.03	4.44	5.76	2.74	5.79		
45	HENBA1006424	6.59	5.16	10.86	2.39	3.13	4.03	3.8	3.29	5.21		
	HENBA1006426	16.94	21.77	35.51	13.82	15.6	11.92	15.06	10.89	16.55		
	HENBA1006430	21.51	23.1	52.14	21.8	26.01	14.55	25.55	15.62	24.71		
	HENBA1006438	7.39	9.88	27.72	9.7	12.86	10.02	7.77	3.89	8.06		
	HENBA1006445	5.97	4.62	11.24	6.9	4.18	5.84	3.07	2.65	7.57		
	HENBA1006446	10.44	29.9	25.23	12.03	4.68	7.84	2.86	8.87	4.65		
50	HENBA1006456	20.27	20.9	27.71	18.85	19.2	23.69	16.72	10.9	15.13	*	-
	HENBA1006461	10.85	13.87	19.86	8.91	8.16	8.85	10.75	7.35	8.75		
	HENBA1006467	2.98	4.33	9.77	4.94	3.17	2.66	4.06	1.76	2.14		
	HENBA1006470	34.3	38.7	56.67	41.16	36.04	29.19	28.2	24.42	29.45		
	HENBA1006471	8.92	14.85	23.43	12.81	12.27	40.2	16.21	5.14	6.51		
55	HENBA1006474	80.88	55.42	113.87	93.82	77.51	77.92	59.58	47.32	61.33		
	HENBA1006476	124.18	125.67	311.61	282.54	252.79	111.47	88.12	112.31	128.83		
	HENBA1006482	750.18	800.51	717.99	555.6	740.67	596.85	785.76	753.48	372.51		

Table 378

	HEMBA1006483	10.38	11.79	17.97	10.54	8.06	5.41	9.39	6.26	10.8			
	HEMBA1006485	14.11	21.34	22.05	9.66	9.42	6.66	9.41	4.35	6.34	*	*	-
5	HEMBA1006486	25.6	38.65	46.49	15.25	21.42	18.99	28.29	12.46	17.42	*		-
	HEMBA1006489	4.69	5.66	11.99	2.16	3.64	2.6	4.74	2.19	2.49			
	HEMBA1006492	21.26	21.32	31.79	8.11	21.1	11.99	16.25	6.33	8.98	*		-
	HEMBA1006494	3.73	5.82	13.17	4.37	5.86	3.22	4.57	1.78	4.99			
	HEMBA1006497	9.48	5.39	9.72	6.41	4.7	6.22	4.84	2.41	5.11			
	HEMBA1006501	70.71	74.3	109	137.89	121.18	132.43	56.47	47.55	54.22	*	+	-
10	HEMBA1006502	26	37.84	37.28	17.65	19.66	21.79	14.53	13.47	14.09	*	**	-
	HEMBA1006507	74.35	71.35	93.56	76.72	76.19	89.01	54.44	45.62	81.01			
	HEMBA1006517	10.15	13.34	25.2	8.05	9.91	8.2	9.98	8.78	9.53			
	HEMBA1006521	4.71	7.89	15.55	2.17	4.99	3.48	4.73	1.47	4.08			
	HEMBA1006529	20.44	40.14	54.85	11.1	18.97	9.04	8.44	3.17	5.16	*		-
	HEMBA1006530	2.11	3.93	16.06	3.3	3.94	2.97	2.36	0.8	2.85			
15	HEMBA1006535	4.76	6.35	8.43	4.93	4.07	4.99	1.52	1.3	3.36	*		-
	HEMBA1006536	7.73	9.35	15.74	6.97	6.8	8.19	6.06	4.78	7.71			
	HEMBA1006540	4.89	5.07	10.1	3.8	4.1	3.21	4.5	0.57	2.57			
	HEMBA1006544	9.55	9.44	12.65	5.51	6.6	3.64	6.81	6.28	5.66	*	*	-
	HEMBA1006546	13.83	18.34	35.37	18.49	13.07	8.02	20.42	13.65	12.24			
	HEMBA1006549	3.69	4.64	10.47	3.5	3.22	3.38	4.38	1.91	2.6			
20	HEMBA1006559	5.63	7.78	15.93	4.1	5.24	3.33	4.33	1.27	1.6			
	HEMBA1006562	4.46	7.73	13.41	4.81	4.36	7.66	6.04	1.8	5.11			
	HEMBA1006566	1.97	2.79	6.04	4.85	3.75	3.09	2.63	0.98	3.24			
	HEMBA1006569	9.03	13.38	17.77	8.08	5.02	11.82	6.18	3.56	5.28	*		-
	HEMBA1006572	4.01	5.33	6.28	3.85	4.61	4.82	3.06	1.11	1.97	*		-
	HEMBA1006579	48.81	48.67	106.01	77.85	58.85	72	32.03	38.94	29.18			
25	HEMBA1006583	21.83	28.38	52.62	37.84	32.54	33.86	32.6	18.06	30.33			
	HEMBA1006595	9.39	11.2	24.82	12.48	12.13	12.39	17.97	4.53	9.41			
	HEMBA1006597	10.74	17.9	34.13	14.71	18.52	13.99	17.64	9.01	20.29			
	HEMBA1006606	9.14	17.8	25.4	12.84	13.75	11.34	17.49	5.73	12.78			
	HEMBA1006612	16.16	16.45	27.36	16.16	10.37	13.84	7.68	7.75	9.58	*		-
	HEMBA1006617	8.08	9.55	19.24	13.65	9.22	10.71	8.25	4.71	9.91			
30	HEMBA1006624	62.58	66.3	115.43	55.71	47.06	62.71	45.87	24.82	44.31			
	HEMBA1006631	23.12	25.87	43.15	23.48	22.27	20.06	24.55	15.53	27.45			
	HEMBA1006635	7.91	10.88	14.85	9.02	10.78	9.39	11.43	5.66	11.05			
	HEMBA1006639	10.04	12.39	17.07	18.66	19.19	12.58	8.27	4.47	14.67			
	HEMBA1006643	1.84	4.34	3.2	4.98	3.53	3.26	2.93	0.82	1.75			
	HEMBA1006648	15.53	17.03	27.49	19.15	15.29	16.67	5.29	8.82	12.26			
35	HEMBA1006652	26.71	34.75	50.3	32.97	21.76	18.68	16.24	13.51	23.67			
	HEMBA1006653	7.56	6.61	17.15	7.18	4.77	7.22	2.33	2.95	3.74			
	HEMBA1006658	19.91	14.88	49.21	18.71	18.4	21.38	11.54	8.35	7.4			
	HEMBA1006659	58.61	60.76	125.49	159.5	103.52	108.54	57.82	49.19	67.43			
	HEMBA1006665	2.46	4.7	11.42	4.57	4.2	3.45	4.37	1.96	4.61			
	HEMBA1006666	3.78	4.89	6.54	3.83	3.74	5.58	5.07	2.85	4.33			
40	HEMBA1006671	29.88	46.04	31.81	11.03	10.78	7.48	20.4	8.57	17.2	**	*	-
	HEMBA1006674	17.95	21.64	48.41	21.77	17.05	22.65	20.34	20.43	18.22			
	HEMBA1006676	8.33	14.71	17.2	11.8	6.88	5.97	6.74	4.48	6.11	*		-
	HEMBA1006682	5.28	7.81	6.48	5.22	3.34	3.44	5.44	2.35	3.91			
	HEMBA1006688	8.06	7.99	15.76	5.58	7.11	7.53	6.82	4.86	5.53			
	HEMBA1006695	11.68	16.81	23.72	8.98	10.42	13.13	10.55	9	11.41			
45	HEMBA1006696	12.25	15.75	12.83	8.51	9.6	6.76	4.49	2.19	4.51	*	**	-
	HEMBA1006702	6.88	9.14	9.5	5.54	6.34	5.86	4.33	1.73	4.63	*	*	-
	HEMBA1006707	12.13	15.02	19.11	19.48	16.83	14.64	14.25	5.63	13.01			
	HEMBA1006708	7.17	12.19	21.37	12.13	8.06	8.49	3.77	4.26	7.59			
	HEMBA1006709	13.09	19.04	28.5	14.85	14.05	15.86	11.87	11.01	16.42			
	HEMBA1006717	5.25	5.26	12.53	4.74	4.01	3.68	7.38	2.38	6.67			
50	HEMBA1006724	12.11	8.3	19.78	5.53	10.32	5.8	9.44	6.24	6.16			
	HEMBA1006731	7.48	7.6	18.92	6.67	8.76	6.75	5.19	3.77	3.96			
	HEMBA1006737	6.06	6.19	10.33	4.37	4.14	4.69	4.38	0.91	4.4			
	HEMBA1006742	8.98	8.7	24.13	7.5	9.95	8.07	10.84	6.04	17.08			
	HEMBA1006743	14.91	22.66	22.54	17.15	17.28	14.05	13.93	8.87	7.89	*		-
	HEMBA1006744	17.72	19.61	39.58	28.17	20.27	23.33	18.16	15.95	23.07			
55	HEMBA1006749	4.84	4.51	4.65	3.84	2.79	5.06	3.99	2.53	5.17			
	HEMBA1006752	74.49	114.01	106.5	80.8	62.77	63.46	56.97	93.88	63.11			

Table 379

	HEMBA1006754	10.3	5.77	11.65	6.17	5.72	5.75	6.13	5.01	8.39			
	HEMBA1006758	7.27	4.9	12.62	10.94	5.09	5.73	5.5	2.15	4.84			
5	HEMBA1006767	5.55	5.53	9.74	2.73	5.09	3.33	3.97	3.29	3.02	*		
	HEMBA1006770	10.91	18.24	23.01	9.34	17.17	9.49	6.46	5.37	4.52	*		
	HEMBA1006779	21.14	29.08	46.61	19.18	32.07	21.74	27.02	14.11	23.35			
	HEMBA1006780	31.66	41.91	71.99	39.02	25.6	33.44	20.75	21.87	35.28			
	HEMBA1006789	11.15	8.92	10.14	6.24	5.48	5.24	3.29	3.78	6.02	**	**	-
	HEMBA1006795	13.29	18.12	23.2	10.87	8.5	11.23	14.12	7.4	15.69			
10	HEMBA1006796	8.15	7.65	12.79	2.99	3.39	3.14	3.97	0.85	2.9	*	*	-
	HEMBA1006805	10.17	13.14	20.22	7.25	5.84	4.86	8.13	5.47	7.83	*		-
	HEMBA1006807	358.41	425.1	450.14	425.56	524.37	388.31	479.65	356.88	266.31			
	HEMBA1006813	3.32	4.75	8.38	0.01	2.65	1.47	2.36	0.6	1.87			
	HEMBA1006819	11.44	14.72	25.12	8.56	18.43	11.48	10.78	2.32	9.36			
15	HEMBA1006821	15.76	14.89	42.37	23.12	22.95	19.27	10.56	11	21.11			
	HEMBA1006824	31.97	30.86	49.16	24.26	23.62	19.71	31.05	26.34	34.02			
	HEMBA1006832	259.36	308.26	291.59	339.91	237.21	321.61	326.22	280.59	176.89			
	HEMBA1006834	46.64	65.27	67.81	62.09	43.11	55.61	73	47.8	42.25			
	HEMBA1006835	8.46	14.27	21.58	9.55	10.78	10.45	9.6	6.1	8.18			
	HEMBA1006843	18.15	18.91	28.2	12.23	21.78	20.94	21.53	7.17	5.58			
20	HEMBA1006849	26.18	26.08	44.03	23.34	31.15	21.57	33.36	14.9	24.69			
	HEMBA1006850	16.77	33.56	37.75	10.59	18.63	8	9.03	3.5	6.56	*		-
	HEMBA1006861	14.67	13.53	34.61	20.34	16.15	19.04	12.38	6.63	17.89			
	HEMBA1006865	39.2	38.77	61.65	71.58	60.52	57.06	33.27	28.86	36.65			
	HEMBA1006867	18.5	15.53	22.34	9.22	8.88	9.34	9.42	6.3	3	**	**	-
	HEMBA1006873	17.71	23.93	26.16	14.12	11.71	14.57	15.58	7.18	17.11	*	*	-
25	HEMBA1006877	7.4	13.49	15.12	6.73	6.6	3.67	5.7	2.95	4.47			
	HEMBA1006878	10.48	14.11	25.64	11.23	13.75	11.88	9.01	2.84	7.36			
	HEMBA1006879	12.94	16.27	24.73	12.26	12.67	8.96	12.1	3.4	9.76			
	HEMBA1006884	16.51	27.4	33.59	6.17	20.26	51.39	18.62	5.59	4.55			
	HEMBA1006885	29.88	29.68	41.54	20.77	25.78	20.37	13.71	10.53	21.42	*		-
	HEMBA1006886	94.54	114.96	86.8	8.15	45.42	40.45	16.06	32.92	14.53	**	**	-
30	HEMBA1006889	11.07	12.36	15.21	4.3	6.85	5.29	4.87	2.48	1.64	**	**	-
	HEMBA1006896	72.84	75.71	95.1	25.42	32.71	26.4	32.9	16.88	9.13	**	**	-
	HEMBA1006900	25.47	32.8	47.12	42.47	30.76	32.5	22.96	11.97	13.31			
	HEMBA1006902	4.95	12.4	20.5	3.65	6.21	3.85	6.17	0.96	2.8			
	HEMBA1006912	17.87	28.61	49.99	20.94	22.1	17.02	26.3	12.33	21.65			
	HEMBA1006914	76.35	138.05	152.36	81.86	82.01	60.45	85.41	43.28	74.2			
35	HEMBA1006916	15.23	15.18	19.35	6.9	10.02	9.36	4.27	4.91	5.74	**	**	-
	HEMBA1006921	5.69	9.45	11.27	4.84	7.39	7.2	5.96	4.4	4.47			
	HEMBA1006926	14.39	14.83	25.68	4.9	10.25	8.6	7.17	9.16	6.2	*		-
	HEMBA1006927	8.1	6.16	12.12	3.55	6.9	3.55	4.27	4.44	3.56			
	HEMBA1006929	20.15	20.6	39.98	22.07	23.94	22.4	25.87	18.49	21.97			
	HEMBA1006936	9.54	10.99	23.15	1.62	9.22	9.34	13.47	4.19	5.58			
40	HEMBA1006938	3.12	8.25	12.19	4.54	5.27	8.96	3.85	0.26	1.77			
	HEMBA1006941	38.07	33.9	81.07	14.16	37.03	19.11	37.54	10.57	9.16			
	HEMBA1006942	17.04	18.44	31.05	13.54	11.67	15.34	9.95	7.49	11.08			
	HEMBA1006945	67.94	90.41	117.96	45.68	44.82	62.84	58.07	38.55	55.06			
	HEMBA1006949	5.04	6.37	14.93	11.38	7.05	7.71	7.34	3.55	6.74			
	HEMBA1006952	4.19	5.26	9.54	3.87	5.23	3.34	4.22	1.4	1.92			
45	HEMBA1006960	34.21	40.14	82.69	40.95	44.04	37.38	52.24	36.27	39.73			
	HEMBA1006973	11.14	12.47	24.84	14.07	12.49	8.94	10.47	5.46	6.01			
	HEMBA1006974	9.69	21.72	26.59	5.58	10.54	8	10.23	6.86	3.65			
	HEMBA1006976	5.49	4.82	13.28	5.67	2.91	2.68	2.79	1.22	3.42			
	HEMBA1006989	5.64	5.97	15.87	14.35	9.67	15.25	5.09	3.23	6.48			
	HEMBA1006993	22.88	33.04	62.59	43.82	36.96	35.47	29.4	20.95	25.28			
50	HEMBA1006996	6.77	6.15	10.45	9.29	8.92	7.56	4.85	2.62	3.17	*		-
	HEMBA1007001	13.6	18.68	46.24	26.01	27.9	24.22	17.93	11.6	13.83			
	HEMBA1007002	38.2	51.66	86.51	157.48	90.61	115.16	37.83	43.86	26.69			
	HEMBA1007013	4.23	5.6	9.85	5.49	4.83	5.04	4.32	1.34	5.39			
	HEMBA1007016	13.73	18.8	46.37	32.25	24.75	25.55	26.93	13.32	18.08			
	HEMBA1007017	1.76	2.36	7.34	6.45	3.5	5.8	4.75	0.45	2.16			
55	HEMBA1007018	12.78	19.44	26.15	6.88	7.17	10.67	5.95	5.18	4.75	*		-
	HEMBA1007044	4.27	3.89	8.13	7.26	4.08	4.08	4.49	2.95	4.25			
	HEMBA1007045	3.76	6.62	12.6	6.66	6.82	7.16	7.91	2.23	5.58			

Table 380

	HEMBA1007051	8.21	9.64	21.16	10.38	7.94	9.6	8.59	4.82	5.46			
	HEMBA1007052	0.84	3.34	5.89	3.8	5.54	5	4.04	2.23	3.75			
5	HEMBA1007053	13.43	20.61	15.83	23.76	9.7	6.82	3.37	2.88	5.47	**	-	
	HEMBA1007057	6.84	7.67	12.49	5.42	9.68	14.27	10.77	4.02	8.63			
	HEMBA1007062	5.25	11.04	5.4	4.94	7.78	6.88	7.11	2.74	5.57			
	HEMBA1007063	19.82	23.76	40.56	22.16	18.37	20.33	18.69	15.25	20.25			
	HEMBA1007066	7.17	6.3	7.54	7.55	3.16	6.35	4.34	2.31	5.66	*	-	
10	HEMBA1007069	6.08	6.94	13.93	10.41	5.55	7.88	5.56	3.75	4.11			
	HEMBA1007073	5	7.14	13.19	9.06	6.96	8.85	10.68	5.02	4.92			
	HEMBA1007076	9.13	8.92	19.82	9.03	17.18	17.73	15.84	7.01	8.52			
	HEMBA1007078	47.57	62.26	92.7	36.29	60.73	51.72	32.07	18.35	34.97			
	HEMBA1007080	86	60.21	81.69	89.81	65.76	74.19	50.6	40.71	38.08	*	-	
	HEMBA1007084	10.6	15.68	20.31	13.17	16.74	11.58	13.37	8.47	13.17			
15	HEMBA1007085	27.29	31.32	26.53	13.81	11.35	9.85	7.06	8.85	9.17	**	**	-
	HEMBA1007087	17.6	23.13	29.36	17.3	13.84	15.36	6.49	22.47	10.72			
	HEMBA1007089	21.17	21.1	33.63	20.7	38.69	28.03	18.24	32.57	32.51			
	HEMBA1007095	201.88	116.22	315.3	326.58	303	223.56	75.5	112.08	127.01			
	HEMBA1007101	27.84	40.49	45.85	23.93	27.74	34.28	41.09	23.85	46.77			
	HEMBA1007104	4.09	6	7.77	5.68	5.26	4.31	5.49	1.3	6.52			
20	HEMBA1007105	21.73	33.28	23.78	16.4	24.34	20.37	10.72	5.09	4.25	**	-	
	HEMBA1007112	9.74	14.28	16.52	10.26	12.13	8.53	8.39	3.2	3.6	*	-	
	HEMBA1007113	21.85	25.07	43.45	24.93	19.55	20.96	26.57	21.39	27.54			
	HEMBA1007121	143.44	168.43	201.05	310.6	189.7	223.39	139.17	100.56	162.13			
	HEMBA1007129	6.41	8.28	18.59	3.42	2.84	6.23	5.66	3.45	4.93			
	HEMBA1007147	12.43	15.07	27.38	13.28	12.69	11.69	10.77	9.49	8.81			
25	HEMBA1007149	15.43	22.2	36.85	20.24	33.61	28.67	16.97	12.22	16.92			
	HEMBA1007151	6.66	4.91	10.19	4.89	4.76	3.64	3.37	0.61	3.29			
	HEMBA1007172	5.54	5.79	15.25	6.45	6.57	4.48	5.2	2.26	4.93			
	HEMBA1007174	5.55	6.74	11.4	7.96	7.31	3.31	8.36	1.4	3.1			
	HEMBA1007176	10.89	13.76	22.08	12.85	11.37	10.5	5.77	8.47	15.97			
	HEMBA1007178	12.93	22.04	21.56	10.13	15.89	11.16	5.44	5.45	3.49	**	-	
30	HEMBA1007185	12.08	13.89	28.24	5.12	12.57	13.87	7.15	7.65	10.67			
	HEMBA1007186	7.21	3.2	19.91	4.57	4.73	5.62	4.03	0.89	3.73			
	HEMBA1007194	17.48	18.75	30.8	17.47	18.26	18.1	18.81	10.34	19.89			
	HEMBA1007200	4.21	4.82	12.05	2.35	4.05	3.94	2.19	1.93	1.96			
	HEMBA1007203	17.41	23.17	30.14	16.76	21.31	8.75	11.68	7.36	6.25	*	-	
	HEMBA1007206	25.5	42.75	37.89	30.71	35.28	24.97	38.96	21.71	36.83			
35	HEMBA1007224	24.39	40.17	34.49	15.91	19.51	9.53	6.52	8.53	10.32	*	**	-
	HEMBA1007226	89.72	73.23	106.85	134.34	88.67	116.09	67.3	41.82	79.65			
	HEMBA1007240	13.54	17.35	25.69	5.08	7.14	11.16	4.24	5.15	6.41	*	-	
	HEMBA1007241	5.35	7.7	9.62	3.24	3.12	3.91	4.59	2.56	3.21	*	*	-
	HEMBA1007242	4.41	5.32	8.31	2.05	4.24	3.88	2.68	0.75	5.03			
	HEMBA1007243	111.71	101.13	126.82	187.45	120.72	165.9	80.87	65.01	83.79	*	-	
40	HEMBA1007251	4.66	5.56	13.42	3.87	5.2	4.27	3.75	1.77	3.34			
	HEMBA1007256	7.71	17.43	18.8	11.41	15.37	11.45	13.72	5.68	6.36			
	HEMBA1007267	27.14	33.68	57.79	28.23	30.36	27.93	22.24	21.62	27.1			
	HEMBA1007273	5.82	10.89	12.53	5.12	4.08	4.32	3.9	1.99	5.52			
	HEMBA1007279	8.03	6.83	14.11	6.96	6.78	5.74	5.78	2.58	3.49			
	HEMBA1007281	4.41	6.17	11.59	1.95	1.64	1.99	3.42	2.15	2.75			
45	HEMBA1007283	10.13	14.5	18.59	11.27	10.46	9.5	8.86	8.35	11.65			
	HEMBA1007288	10	10.12	23.07	7.33	8.9	6.31	9.07	7.22	9.19			
	HEMBA1007291	3.94	6.53	14.21	2.35	5.74	4.15	6.79	3.29	5.42			
	HEMBA1007299	60.36	57.45	88.44	47.01	83.94	54.92	41.98	17.99	24.76	*	-	
	HEMBA1007300	10.43	10.11	14.15	17.47	5.8	7.51	10.92	2.6	3.93			
	HEMBA1007301	10.28	11.15	10.5	7.08	5.07	5.8	3.91	4.02	3.67	**	**	-
50	HEMBA1007319	7.15	12.6	10.93	3.57	6.52	4.89	3.16	3.33	2.24	*	*	-
	HEMBA1007320	6.22	6.62	11.18	5.17	5.74	4.76	5.15	2.1	2.94			
	HEMBA1007322	281.14	504.93	265.82	479.23	433.13	233.63	384.76	246.29	107.4			
	HEMBA1007323	3.87	5.98	13.69	3.16	3.64	1.67	4.69	0.43	1.85			
	HEMBA1007326	33.32	37.02	90.88	53.8	48.19	37.22	52.37	23.73	38.43			
	HEMBA1007327	14.51	15.7	50.08	17.82	23.55	19.83	20.48	9.78	17.51			
55	HEMBA1007332	15.93	13.1	23.53	14.44	19.66	12.93	14.13	7.11	7.2			
	HEMBA1007341	8.96	9.53	11.63	7.92	6.35	6.27	7.48	4.06	5.93	*	*	-
	HEMBA1007342	5.2	5.9	6.99	1.75	3.52	2.76	4.48	1.49	2.47	*	*	-

Table 381

	HEMBA1007347	16.98	22.65	29.56	14.57	13.83	11.3	16.82	11.86	19.8			
	HEMBA1007353	5.79	10.55	11.68	3.83	9.63	8.03	10.26	4.85	8.24			
5	HEMBA1000085	12.22	17.75	30.52	11.82	12.78	11.43	13.73	6.39	17.44			
	HEMBA1000088	18.71	35.13	41.01	19.83	22.41	13.75	23.85	15.07	25.11			
	HEMBA1000018	26.09	49.37	73.92	38.01	40.34	30.35	46.13	23.51	34.37			
	HEMBA1000024	16.68	21.57	43.98	24.42	20.7	22.54	19.03	14.92	22.2			
	HEMBA1000025	4.76	6.51	12.97	5.38	4.72	5.89	4.38	2.53	3.35			
10	HEMBA1000030	20.29	17.68	33.24	12.16	16.77	10.61	16.77	10.43	14.37			
	HEMBA1000036	14.36	14.21	18.16	2.88	10.75	5.3	7.22	6.69	3.23	*	**	-
	HEMBA1000037	11.11	16.21	12.93	4.27	8.42	4.3	6.83	2.67	4.79	*	*	-
	HEMBA1000039	8.22	15.6	26.39	9.92	10.66	6.88	12.98	7.81	13.65			
	HEMBA1000044	11.18	16.44	31.14	11.2	12.12	8.02	10.52	6.21	8.17			
	HEMBA1000048	8.23	14.79	19.17	7.61	10.2	7.2	15.14	3.23	4.66			
15	HEMBA1000050	12.03	11.84	30.06	14.4	13.92	13.02	11.35	6.38	12.59			
	HEMBA1000054	10.07	11.4	26.35	13.58	11.4	7.91	11.76	6.55	12.26			
	HEMBA1000055	458.88	310.46	850.13	127.99	485.16	208.47	362.27	384.63	141.27			
	HEMBA1000059	37.26	47.72	97.02	40.48	50.48	36.83	47.77	33.17	34.67			
	HEMBA1000072	84.93	93.08	177.56	168.05	149.4	148.43	84.23	55.56	75.03			
	HEMBA1000081	14.03	23.77	42.88	15.97	19.18	19.43	14.35	5.64	10.31			
20	HEMBA1000083	11.03	18.35	42.57	17.47	14.86	14.26	18.14	9.46	16.73			
	HEMBA1000089	12.54	18.95	30.4	15.64	14.81	12.6	22.7	8.13	18.39			
	HEMBA1000094	10.67	10.41	27.93	13.66	21.42	16.12	14.95	8.63	10.48			
	HEMBA1000097	6.26	10.91	14.76	6.71	9.5	4.54	15.21	6.91	3.77			
	HEMBA1000099	14.89	12.94	32.83	17.41	17.02	13.25	13.99	10.91	12			
	HEMBA1000103	79.17	84.17	154.39	129.48	133.3	142.91	117.04	80.44	93.95			
25	HEMBA1000106	13.4	15.97	19.47	7.19	4.59	5.52	5.12	3.42	4.98	**	**	-
	HEMBA1000113	4.8	10.67	20.57	6.45	7.88	9.01	9.02	3.11	6.76			
	HEMBA1000119	3.97	10.01	14.45	4.41	4.33	3.8	9.37	5.02	5.7			
	HEMBA1000133	88.66	47.28	101.21	23.18	118.13	70.04	134.7	41.76	81.57			
	HEMBA1000134	13.38	15.77	31.72	20.8	11.19	14.5	6.59	5.64	9.53			
	HEMBA1000135	34.17	26.36	68.3	67.42	34.73	49.05	25.95	21.33	26.27			
30	HEMBA1000141	7.91	11.34	20.35	10.92	8.05	11.46	11.73	5.94	9.7			
	HEMBA1000144	8.4	6.94	18.36	7.4	9.42	9.69	10.21	5.05	11.22			
	HEMBA1000147	3.5	3.8	22	5.61	6.52	8.28	7.06	1.83	3.83			
	HEMBA1000152	1.94	5.3	5.59	10.75	5.38	4.1	5.98	1.86	3.56			
	HEMBA1000154	7.08	8.64	11.01	9.8	10.82	8.45	9.52	5.05	11.09			
	HEMBA1000155	7.22	13.83	13.07	9.95	12.99	12.51	9.62	5.43	10.29			
35	HEMBA1000173	36.12	47.88	77.86	40.67	28.34	43.42	25.94	23.15	34.58			
	HEMBA1000175	4.3	6.41	7.7	6	3.69	3.11	3.98	4.45	4.04			
	HEMBA1000176	23.34	24.4	50.1	18.86	26.55	28.15	17.6	14.1	16.3			
	HEMBA1000198	1.73	5.17	9.68	5.19	3.63	4.66	4.31	1.03	3.4			
	HEMBA1000208	2.42	2.22	6.16	4.71	3	3.25	2.71	1.91	2.68			
	HEMBA1000209	4.99	7.73	19.16	5.65	5.94	7.5	3.72	1.31	4.4			
40	HEMBA1000212	4.66	5.69	7.88	3.69	6.97	3.08	4.71	1.75	3.95			
	HEMBA1000215	16.57	20.63	27.19	17.82	25.31	15.88	26.39	12.95	25.36			
	HEMBA1000217	25.38	37.33	52.96	16.88	15.01	12.09	9.3	23.54	15.2	*		-
	HEMBA1000218	31.37	54.57	73.09	37.79	38.52	34.06	37.08	24.06	36.48			
	HEMBA1000226	12.28	16.29	20.13	10.11	7.98	11.16	5.4	9.82	9.11	*	*	-
	HEMBA1000230	5.26	3.6	7.07	0.71	2.52	2.36	2.7	2.25	2.54	*	*	-
45	HEMBA1000240	5.06	6.06	9.84	4.39	4.5	5.46	2.75	2.24	3.3	*	*	-
	HEMBA1000244	7.48	12.78	15.39	11.19	10.98	11.37	6.63	4.57	10.35			
	HEMBA1000250	1.27	3.14	7.4	1.44	3.59	2.75	1.47	0.52	2.71			
	HEMBA1000258	10.17	16.1	24.98	15.18	17.62	13.97	14.16	8.49	16.99			
	HEMBA1000264	26.46	35.45	52.88	26.93	18.98	21.08	16.44	18.13	29.32			
	HEMBA1000266	12	14.67	15.28	5.33	5.8	4.87	9.31	5.79	7.42	**	*	-
50	HEMBA1000272	8.27	9.13	14.25	3.35	4.95	7.95	4.41	2.77	4.49	*		-
	HEMBA1000274	6.98	5.53	13.54	4.71	5.52	4.64	3.24	3.87	5.65			
	HEMBA1000276	5.09	3.14	11.53	3.19	3.43	4.43	2.41	0.94	4.11			
	HEMBA1000284	6.8	5.53	21.28	3.19	4.36	4.46	4.47	2.08	4.87			
	HEMBA1000307	8.46	14.9	24.21	13.5	12.6	8.38	8.3	4.98	7.88			
	HEMBA1000309	5.61	8.47	14.17	8.25	9.84	9.39	9.88	4.06	6.44			
55	HEMBA1000312	6.97	8.62	14.26	14.76	8.04	11.17	5.36	4.07	7.05			
	HEMBA1000317	7.52	4.64	7.99	3.4	3.92	3.39	4.7	5.98	4.31	*		-
	HEMBA1000318	6.93	8.7	14.09	8.17	6.23	6.97	7.59	3.11	9.29			

Table 382

	HEM881000332	4.52	4.05	10.22	2.71	3.85	3.38	4.09	2.98	4.92			
	HEM881000335	4.77	4.71	13.27	5.2	6.34	6.3	5.06	1.38	4.17			
5	HEM881000336	4.61	9.32	11.37	1.79	3.32	1.88	2.23	1.53	1.7	*	*	-
	HEM881000337	29.33	35.43	67.58	48.11	46.55	55.37	21.92	22.71	26.93			
	HEM881000338	34.7	54.08	50.89	33.23	39.29	35.27	51.12	24.63	33.57			
	HEM881000339	10.36	11.59	21.89	13.7	11	9.9	8.4	6.43	14.47			
	HEM881000341	7.15	6.94	11.5	5.95	5.91	6.13	8.18	5.44	9.71			
10	HEM881000343	22.54	22.93	36.07	24.96	20.99	25.34	24.47	20.51	25.26			
	HEM881000354	24.93	29.93	37.49	16.95	17.28	19.25	24.74	17.57	19.26	*		-
	HEM881000358	4.2	3.56	9.08	2.24	3.75	2.51	2.41	0	3.07			
	HEM881000369	7.77	9.59	8.26	0	3.16	0.74	4.97	3.09	8.59	**		-
	HEM881000373	4.9	5.6	9.86	3.73	5.67	3.02	3.88	2	4.12			
	HEM881000374	33.91	39.77	79.58	37.61	43.98	33.27	46.4	29.37	24.06			
15	HEM881000376	23.61	37.46	51.78	28.25	29.92	24.65	24.75	22.13	31.75			
	HEM881000383	18.87	23.34	28.75	7.22	8.14	5.48	8.08	3.98	4.53	**	**	-
	HEM881000391	18.94	23.82	39.78	18.85	17.85	18.64	26.87	13.66	21.63			
	HEM881000399	7.91	9.01	13.97	2.99	3.3	3.33	3.37	1.8	1.69	*	*	-
	HEM881000402	5.66	7.15	13.91	3.49	5.23	2.79	6.8	2.16	2.32			
	HEM881000404	4.49	5.13	14.15	2.37	3.5	4.1	3.34	1.25	1.09			
20	HEM881000407	10.22	16.01	27.46	10.21	12.59	7.8	5.46	2.69	5.89			
	HEM881000420	8.96	13.82	23.72	10.31	11.56	10.07	12.86	5.36	9.15			
	HEM881000430	87.5	75.56	120.02	34.45	32.4	42.69	83.02	74.93	33	*		-
	HEM881000434	34.1	37.7	48.77	30.73	22.51	21.34	32.9	22.77	33.21	*		-
	HEM881000438	4.47	5.36	6.73	3.08	3.98	3.03	2.33	1.63	2.04	*	**	-
	HEM881000441	14.04	26.42	32.37	16.04	15.64	13.8	26.09	16.54	18.05			
25	HEM881000447	26.11	49.46	42.13	39.56	42.28	10.3	26.83	15.38	20.58			
	HEM881000449	4.61	5.17	16.11	3.66	5.27	3.1	5.36	1.18	6.41			
	HEM881000453	36.46	39.41	48.95	17.29	27.48	11.55	15.42	4.83	8.75	*	**	-
	HEM881000455	7.98	15.4	31.12	12.14	13.6	12.23	19.02	4.77	15.17			
	HEM881000472	8.9	8.65	20.38	10.03	8.41	7.69	7.24	3.85	5.6			
	HEM881000480	18.47	20.31	37.47	19.05	17.04	11.84	20.16	15.95	20.84			
30	HEM881000486	36.69	36.48	47.19	21.3	19.24	16.88	39.82	23.52	22.96	**		-
	HEM881000487	6.37	6.26	12.27	7.11	4.47	4.08	6.03	4.45	5.18			
	HEM881000490	32.85	71.05	75.4	38.48	33.85	25.5	47.17	24.97	28.6			
	HEM881000491	10.98	13.88	21.94	11.39	11.14	7.83	9.44	3.7	10.75			
	HEM881000492	11.93	15.38	18.28	8.6	7.89	5.65	7.79	2.28	4.01	*	*	-
	HEM881000493	3.37	12.88	19.63	10.93	27.47	71.09	13.51	1.84	8.84			
35	HEM881000510	11.39	18.53	31.92	20.35	17	14.3	15.03	12.6	21.32			
	HEM881000516	5	6.48	9.48	3.37	2.52	5.44	4.17	3.02	4.74			
	HEM881000518	5.79	7.56	16.99	3.63	4.25	4.51	8.74	3.95	5.88			
	HEM881000523	16.51	22.61	33.14	14.54	14.09	13.74	17.51	11.52	13.77			
	HEM881000530	6.45	6.62	14.38	4.57	5.23	3.03	6.95	3.14	3			
	HEM881000542	11.01	10.05	25.81	5.58	5.42	6.88	5.64	1.26	2.47			
40	HEM881000550	7.5	9.67	18.88	5.5	6.7	4.85	3.66	1.58	2.78			
	HEM881000554	23.66	38.54	60.71	31.87	34.21	23.57	36.99	19.84	22.96			
	HEM881000556	5.71	9.66	13.39	4.65	5.23	10.47	3.94	4.86	6.74			
	HEM881000564	7.31	9.82	18.45	11.61	10.28	10.62	15.74	5.76	7.4			
	HEM881000567	20.61	20.17	47.63	8.75	7.89	6.38	13.88	8.67	4.74			
	HEM881000569	5.63	6.5	12.71	2.7	3.07	4.45	4.1	3.02	2.02			
45	HEM881000573	32.51	36.2	72.29	43.4	30.21	37.17	37	20.09	25.58			
	HEM881000575	14.84	26.39	42.18	17.14	17.78	15.29	22.14	11.44	16.53			
	HEM881000579	12.25	14.06	28.61	6.45	6.01	11.92	12.64	5.71	5.94			
	HEM881000585	4.75	6.58	10.45	5.85	6.89	6.63	6.35	0.91	4.03			
	HEM881000586	9.22	12.19	32.5	16.92	12.87	17.45	7.51	6.24	9.01			
	HEM881000589	11.66	16.54	23.61	18.44	15.28	16.1	11.67	7.91	7.82			
50	HEM881000591	12.71	17.74	34.25	24.96	19.88	19.6	12.6	9.24	10.66			
	HEM881000592	4.57	3.51	5.52	1.66	2.6	2.47	2.07	3.49	1.32	*		-
	HEM881000593	91.28	145.08	255.41	284.78	269.98	262.29	122.51	62.28	150.94			
	HEM881000595	28.02	34.64	53.56	11.28	18.32	41.15	22.88	29.26	17.38			
	HEM881000598	22.01	31.15	65.04	24.88	33.54	29.35	68.32	20.78	23.46			
	HEM881000611	2.41	5.2	8.28	7.8	5.78	3.85	5.15	1.83	3.38			
55	HEM881000617	53.65	47.37	106.59	110.75	55.04	84.65	42.52	37.92	47.84			
	HEM881000623	31.42	31.62	79.25	50.87	28.93	40.28	29.97	27.06	51.77			
	HEM881000630	5.75	17.04	13.07	8.82	8.82	8.76	7.98	4.83	11.56			

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	HEM881000631	17.85	20.22	28.17	18.29	17.71	18	15.1	13.03	22.53			
	HEM881000632	9.09	8	17.51	9.07	9.79	9.7	5.89	4.13	8.31			
5	HEM881000636	2.41	3.55	6.37	2.23	5.22	2.73	5.28	1.01	4.17			
	HEM881000637	10.09	17.58	15.59	10.48	18.82	18.4	10.07	3.67	7.99			
	HEM881000638	2.99	4.17	4.52	3.32	2.17	3.48	2.49	1.75	2.68	*		
	HEM881000642	39.5	47.36	81.46	47.61	39.34	45.01	39.82	28.49	56.57			
	HEM881000643	19.66	15.32	32.08	23.95	12.4	14.81	11.1	10.59	13.67			
	HEM881000649	12.99	15.1	28.14	16	12.05	14.32	13.77	8.35	17			
10	HEM881000652	14.35	8.01	17.67	7.91	13.41	10.82	9.88	9.25	11.18			
	HEM881000656	4.61	7.58	7.57	5.6	5.2	3.31	4.16	0.72	5.12			
	HEM881000665	4.16	6.24	9.15	3.47	7.38	6.78	5.21	1.62	5.11			
	HEM881000668	16.93	27.34	0.25	1.82	1.14	0.36	23.87	15.76	19.86			
	HEM881000671	38.43	46.48	92.78	44.14	31.73	40.3	25.53	28.64	41.28			
	HEM881000673	32.99	36.97	43.71	17.4	18	19.87	6.02	26.42	8.4	**	*	-
15	HEM881000679	47.01	69.39	88.27	46.41	43.74	44.85	52.81	42.78	53.45			
	HEM881000684	6.8	10.16	24.24	9.32	9.77	12.54	6.96	8.48	13.11			
	HEM881000692	16.03	14.55	25.59	15.28	15.92	17.55	16.09	8.5	14.57			
	HEM881000693	1.76	2.64	8.52	1.53	4.27	2.95	4.06	0.19	6.13			
	HEM881000705	14.59	17.08	31.29	17.89	15.24	18.52	13.25	7.08	17.6			
20	HEM881000706	11.29	12.22	20.56	12.35	17.3	12.09	6.4	4.7	7.15	*		-
	HEM881000709	45.75	62.83	118.05	70.74	40.37	58.09	48.11	45.53	67.69			
	HEM881000714	31.43	34.95	47.38	12.83	21.37	16.81	5.14	8.31	8.35	*	**	-
	HEM881000725	5.12	8.87	10.38	4.23	3.1	4.36	4.23	1.66	4.96			
	HEM881000726	0.86	1.95	5.91	0.06	0.38	0.65	0.77	3.05	1.2			
	HEM881000729	6.42	9.45	14.46	7.38	5.18	5.16	5.32	4.5	6.56			
25	HEM881000738	18.18	14.39	28.4	16.66	7.78	8.45	31.84	5.87	7.73			
	HEM881000749	19.05	25.67	36.38	23.07	19.8	20.09	17.18	15.06	19.35			
	HEM881000763	2.4	3.95	6.27	1.43	7.01	5.93	4.26	0.57	3.97			
	HEM881000770	32.56	40.83	87.59	46.89	28.6	43.89	33.53	25.96	52.34			
	HEM881000774	35.04	53.35	80.31	43.91	38.96	45.26	39.09	37.25	56.98			
	HEM881000777	45.62	74.38	70.43	17.25	25.76	25.38	18.75	21.39	27.43	*	*	-
30	HEM881000781	6.33	5.26	11.47	6.25	5.6	4	3.41	2.88	6.03			
	HEM881000788	18.37	23.49	32.23	14.46	15.9	16.37	22.44	12.27	19.59			
	HEM881000789	23.79	24.39	34.32	14.31	19.85	15.3	18.54	10.27	14.08	*	*	-
	HEM881000790	5.59	8.56	17.48	2.6	6	2.29	4.26	1.79	6.06			
	HEM881000794	18.79	29.68	40.8	14.17	25.07	14.74	20.31	17.36	24.13			
	HEM881000807	12.94	8.25	2.03	1.02	2.13	2.36	2.69	4.28	6.87			
35	HEM881000809	78.77	111.21	120.84	77.13	62.86	41.38	80.78	69.07	111.98	**		-
	HEM881000810	10.52	9.56	13.14	4.85	2.89	5.55	9.37	2.32	10.71			
	HEM881000821	11.49	9.52	21.32	7.91	10.41	6.87	11.4	5.99	7.83			
	HEM881000822	14.47	17.81	31.19	12.64	15.48	12.05	15.29	6.81	15.5	*		-
	HEM881000826	7.31	8.22	12.01	4.01	6.22	5.16	2.28	1.16	3.63			
	HEM881000827	3.32	10.97	13.01	2.13	2.92	3.29	2.14	1.1	3.35			
40	HEM881000831	2664.2	3968.9	2993.4	2288.3	2955.9	3122.5	3699.5	1769.3	603.46			
	HEM881000835	65.9	87.92	134.3	99.52	82.05	71.78	46.58	49.76	78.84			
	HEM881000840	22.85	22.57	43.26	24.08	23.34	18.79	20.99	18.48	32.32			
	HEM881000848	11.78	12.27	18.41	9.27	11.15	6.47	11.75	6.28	10.74			
	HEM881000852	6.96	7.13	13.91	5.13	5.29	6.06	3.72	3.05	2			
	HEM881000857	14.9	19.2	33.57	16.67	15.76	14.92	14.34	9.21	17.14			
45	HEM881000858	18.62	21.62	40.52	17.01	24.14	29.4	19.12	14.81	25.58			
	HEM881000867	3.35	5.16	11.87	1.01	3.43	0.49	5.8	0.59	7.29			
	HEM881000870	5.48	10.65	17.84	3.33	10.48	4.74	3.18	0.41	3.45			
	HEM881000876	9.67	10.87	29.49	19.7	15.97	14.54	9.25	6.54	15.24			
	HEM881000881	16.87	17.18	33.12	17.09	13.5	10.07	12.12	11.55	18.55			
	HEM881000883	6.22	6.79	8.96	2.61	2.5	1.97	4.54	1.83	3.25	**	*	-
50	HEM881000887	5.96	5.57	6.2	3.69	2.17	1.88	2.97	1.27	2.62	**	**	-
	HEM881000888	3.12	5.25	10.45	4.39	3.56	2.35	3.24	2.38	1.97			
	HEM881000890	10.06	35.98	23.82	9.78	19.94	41.91	13.4	7.59	9.49			
	HEM881000893	34.65	25.07	51.31	20.43	19.67	19.95	21.33	13.24	12.88			
	HEM881000900	14.11	15.32	20.53	11.04	14.54	9.38	11.56	4.15	3.3	*		-
	HEM881000905	8.7	11.8	4.84	3.81	3.66	3.74	10.34	4.58	8.59			
55	HEM881000908	10.34	11.07	11.16	10.97	10.92	24.1	19.82	7.35	8.29			
	HEM881000910	14.49	13.52	29.52	12.54	13.67	12.24	17.07	12.01	16.77			
	HEM881000913	52.28	41.72	87.34	40.16	51.04	32.05	56.11	40.33	43.91			

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	HEM881000915	26.06	60.99	57.47	25.29	36.05	22.49	27.81	17.27	27.94			
	HEM881000917	5.69	5.32	12.64	3.03	4.44	3.24	2.96	0.58	2.57			
5	HEM881000927	17.9	20.69	49.41	20.99	18.29	12.76	18.76	15.57	19.4			
	HEM881000932	14.04	31.9	58.79	23.84	30.24	22.56	24.51	13.79	19.35			
	HEM881000933	73.2	82.97	106.78	17.69	17.17	51.59	30.19	46.68	77.12	*	-	
	HEM881000936	28.64	37.39	39.34	11.49	17.42	18.08	9.46	19.76	21.12	**	*	-
	HEM881000939	13.01	16.47	24.62	8.79	10.18	11.8	13.33	5.75	13.18			
10	HEM881000941	55.55	67.95	96.78	34.29	51.94	34.02	64.38	50.22	47.74			
	HEM881000947	13.1	15.93	33.36	11.69	15.06	7.82	14.81	8.66	11.7			
	HEM881000954	9.7	14.84	29.47	10.7	10.34	11.24	13.58	8.18	14.09			
	HEM881000959	5.31	7.05	16.81	1.63	2.59	1.53	2.83	0	2.89			
	HEM881000973	7.09	9.47	31.83	11.47	11.07	10.69	11.63	4.69	9.55			
	HEM881000975	3.47	3.38	0.39	0.25	0.11	0.78	2.64	0.48	3.5			
15	HEM881000981	13.64	11.74	28.6	8.77	7.91	9.41	10.88	6.85	13.87			
	HEM881000985	21.62	19.08	51.54	22.07	25.82	18.12	29.3	14.45	17.75			
	HEM881000991	46.57	60.97	104.38	49.12	52.31	37.89	58.02	46.82	42.32			
	HEM881000996	7.55	10.13	19.44	15.43	7.58	7.76	25.49	7.93	12.48			
	HEM881001000	8.66	10.27	29.46	13.94	12.61	10.4	13.32	7.07	9.02			
	HEM881001004	4.52	20.53	22.05	7.15	7.85	4.71	7.51	4.91	9.37			
20	HEM881001008	27.45	57.49	106.29	36.82	29.09	41.72	54.86	25.88	43.51			
	HEM881001011	13.92	18.59	22.13	8.85	6.12	13.6	9.78	8.17	13.65			
	HEM881001014	4.93	5.88	7.48	5.94	4.03	6.17	3.66	1.76	2.96	*	-	
	HEM881001020	38.49	45.64	94.13	52.12	43.16	44.7	42.48	28.95	25.72			
	HEM881001024	14.35	17.88	33.12	21.84	15.86	15.33	12.31	9.54	11.76			
	HEM881001026	36.33	37.82	64.87	35.84	31.03	31.81	34.99	27.91	28.23			
25	HEM881001037	29.37	38.91	99.73	42.44	38.61	41.96	49.51	23.14	48.42			
	HEM881001042	40.43	19.68	79.17	12.87	30.43	38.57	43.54	27.06	24.73			
	HEM881001046	1.02	3.17	4.37	2.13	2.63	1.33	3.19	0	2.81			
	HEM881001047	3.32	3.99	7.05	6.87	5.14	9.57	4.92	2.39	5.02			
	HEM881001048	14.93	18.87	36.47	38.03	15.11	21.97	9.91	8.51	13.37			
	HEM881001051	16.67	10.51	26.31	24.66	18.42	23.37	16.85	8.02	15.72			
30	HEM881001056	5.76	6.07	15.19	9.62	10.04	7.15	7.61	2.99	9.72			
	HEM881001058	13.02	13.37	20.82	14.04	12.97	13.5	13.64	8.33	17.02			
	HEM881001060	6.48	6.79	11.56	3.09	7.6	8.52	5.42	2.73	5.08			
	HEM881001063	7.02	9.34	7.27	6.14	6.79	5.01	6.52	5.39	11.16			
	HEM881001068	12.88	13.51	18.25	11.13	9.67	11.92	6.97	9.12	12.67			
	HEM881001082	19.71	21.28	25.07	26.2	26.41	15.74	14.59	12.53	27.85			
35	HEM881001095	9.14	8.65	18.5	8.62	9.69	8.93	5.69	6.23	9.72			
	HEM881001096	44.08	45.29	88.46	46.23	37.21	42.49	31	20.55	25.13			
	HEM881001101	14.24	13.37	19.97	9.53	14.04	14.7	13.73	9.26	15.99			
	HEM881001102	5.29	6.01	11.42	4.54	5.69	5.17	5.82	3.61	6.55			
	HEM881001104	38.08	39.86	49.87	41.44	36.7	31.13	23.82	16.12	29.93	*	-	
	HEM881001105	44.24	54.5	42.57	26.76	34.74	25.96	40.78	32.97	47.69	*	-	
40	HEM881001112	7.32	12.27	12.46	6.67	5.72	6.06	2.52	6.54	5.01	*	-	
	HEM881001113	12.36	16.73	27.57	10.87	11.17	11.23	11.03	6.35	13.81			
	HEM881001114	10.5	25.04	16.53	8.31	9.62	7.81	7.26	6.53	13.76			
	HEM881001115	5.38	5.54	12.89	5.57	5.33	6.84	5.79	8.01	10.93			
	HEM881001117	24	32.48	48.34	30.8	26.94	25.33	34	33.8	46.28			
	HEM881001119	6.59	8.79	10.75	5.08	5.94	5.54	5.24	3.59	5.78	*	-	
45	HEM881001126	22.85	31.95	38.8	19.87	19.28	19.37	24.09	9.52	26.55			
	HEM881001133	2.49	4.42	8.71	2.43	5.35	3.57	4.22	0.99	2.59			
	HEM881001137	7.73	11.05	0	0.73	0.66	0.68	7.84	6.26	16.01			
	HEM881001142	3.94	3.85	6.48	2.73	4.14	2.88	2.5	3.32	8.04			
	HEM881001145	7.24	10.68	17.23	5.39	7.36	5.26	4.34	3.98	7.6			
	HEM881001151	3.26	6.63	6.67	3.5	3.71	2.34	0.95	2.94	4.05			
50	HEM881001153	3.1	3.77	9.68	1.47	2.32	1.7	2.21	0	1.53			
	HEM881001158	5.14	4.68	9.64	3.27	3.84	3.55	2.97	1.38	2.99			
	HEM881001169	31.33	46.44	55.42	27.9	34.88	25.03	41.78	26.83	37.34			
	HEM881001170	8.62	15.69	19.05	7.59	11.25	8.63	12.14	5.58	9.38			
	HEM881001175	2.65	3.14	5.1	4.52	2.61	4.91	2.72	1.86	6.12			
	HEM881001177	5.44	6.28	5.09	1.64	3.43	6.94	2.77	2.32	6.91			
55	HEM881001182	18.97	18.18	22.47	9.28	11.35	10.35	7.83	8.39	8.5	**	**	-
	HEM881001192	9.02	9.64	12.65	5.82	4.73	5.18	6.79	2.78	10.91	*	-	
	HEM881001199	4.71	4.4	13.79	2.26	2.76	5.59	3.91	3.02	2.96			

Table 385

	HEM881001200	13.2	15.34	26.9	9.43	12.58	11.64	13.55	8.01	17.32			
	HEM881001208	18.63	26.31	21.34	16.48	23.59	8.33	19.57	7.02	6.33			
5	HEM881001209	6.61	9.43	16.76	4.47	13.17	7.28	9.02	4.73	7.13			
	HEM881001210	2.22	5.57	9.4	5.43	2.97	2.71	2.73	1.63	4.83			
	HEM881001215	9.7	12.03	15.37	9.6	10.02	9.52	8.36	4.91	10.29			
	HEM881001217	10.51	10.25	17.62	6.77	6.49	7.62	10.25	4.74	16.86			
	HEM881001218	6	5.57	10.2	5.12	3.8	3.11	4.86	3.23	6.96			
10	HEM881001221	26.87	26.88	47.38	27.34	25.86	18.24	28	17.58	20.46			
	HEM881001224	16.71	16.42	17.84	3.84	6.91	9.28	7.94	2.93	4.93	**	**	-
	HEM881001230	17.23	21.95	42.64	15.78	20.28	10.72	28.16	18.31	25.4			
	HEM881001234	6.94	12.6	13.24	4.58	8.31	8.14	5.53	1.54	8.42			
	HEM881001235	4.87	3.91	1.57	0	1.12	0.17	1.32	0.88	4.29	*		-
	HEM881001237	5.75	2.45	7.86	3.45	3.48	1.87	2.9	1.6	4.06			
15	HEM881001242	16.88	13.35	16.55	9.1	8.16	9.95	11.54	6.31	10.57	**	*	-
	HEM881001244	35.65	49.79	60.5	32.41	25.43	27.28	45.76	28.88	37.22			
	HEM881001249	22.08	31.03	56.18	21.17	26.84	20.21	27.38	14.91	24.06			
	HEM881001253	28.9	34.49	70.42	28.32	28.95	21.57	41.19	24.41	34.07			
	HEM881001254	7.43	6.21	17.96	4.5	6.62	3.53	4.22	0.83	3.95			
	HEM881001266	69.19	45.43	92.09	93.11	71.97	69.72	54.64	34.46	57			
20	HEM881001267	104.19	98.07	152.36	13.92	33.06	57.1	34.39	45.85	70.55	*	*	-
	HEM881001271	34.55	33.29	51.36	34.34	20.46	23.71	30.23	24.87	29.48			
	HEM881001282	9.97	10.71	15.91	7.88	6.97	9.33	8.95	7.26	10.69			
	HEM881001287	3.47	3.55	8.03	3.1	1.84	1.48	2.02	1.47	1.7			
	HEM881001288	15.95	79.12	35.23	25.95	31.84	28.36	30.82	15.48	12.44			
	HEM881001289	22.37	27.51	58.3	21.33	26.2	17.4	27.36	15.96	26			
25	HEM881001290	4.47	6.46	15.08	5.02	4.85	3	3.41	2.52	3.43			
	HEM881001294	300.12	442.69	478.77	294.44	431.41	291.22	536.94	211.14	291.4			
	HEM881001299	11.76	27.27	23.84	14.94	18.67	41.4	14.69	12.85	20.6			
	HEM881001302	14.9	20.75	33.76	16.74	10.48	13.15	15.46	13.18	16.41			
	HEM881001304	20.54	137.19	27.35	22.15	29.27	12.7	29.77	14.5	13.73			
	HEM881001314	6.45	11.88	16.63	9.21	7.91	6.84	9.36	5.15	7.34			
30	HEM881001315	4.17	4.2	11.99	3.59	3.25	2.94	5.12	2.66	3.24			
	HEM881001317	58.08	165.69	115.47	26.35	66.22	33.54	41.88	11.39	13.42	*		-
	HEM881001326	7.12	11.9	25.13	9.45	10.76	5.58	7.57	2.53	8.72			
	HEM881001331	60.43	105.03	131	66.61	74.76	59.35	124.09	50.05	41.99			
	HEM881001335	0.53	0.14	1.28	1.92	0.74	0.41	1.38	0	1.24			
	HEM881001337	19.31	21.8	38.53	21.67	17.28	16.88	20.3	14.12	26.23			
35	HEM881001339	6.1	5.5	14.98	6.52	5.57	3.43	4.24	2.59	4.91			
	HEM881001344	11.08	7.69	21.58	3.98	10.13	4.45	6.01	7.37	4.42			
	HEM881001346	14.51	8.09	19.68	7.72	9.53	5.04	11.31	3.15	5.25			
	HEM881001348	2.18	3.12	12.35	0.43	2.84	1.52	3.82	0.54	2.87			
	HEM881001350	52.05	108.41	129.66	78.51	93.58	81.19	64.58	43.45	65.59			
40	HEM881001356	7.52	9.31	28.43	13.44	18.12	16.4	11.29	5.29	11.49			
	HEM881001364	8.27	9.27	21.55	13.04	8.88	12.02	9.82	4.71	9.74			
	HEM881001366	11.82	16.33	29.77	17.62	9.11	9.15	17.69	10.49	12.45			
	HEM881001367	34.9	33.46	79.86	33.05	29.6	26.79	45.62	23.04	29.37			
	HEM881001369	13.59	34.47	15.16	9.61	17.82	9.58	10.33	11.36	4.3			
	HEM881001380	5.78	6.69	14.57	4.06	3.91	3.5	3.91	2.87	4.28			
	HEM881001381	7.8	18.4	21.36	7.96	16.58	12.19	13.62	2.72	8.14			
45	HEM881001384	64.99	90.97	10.61	0.27	3.72	0.15	67.41	60.83	3.42			
	HEM881001387	12.67	18.5	30.56	17.22	19.87	15.36	19.61	9.85	12.99			
	HEM881001394	1.26	2.69	4.65	6.43	2.24	3.63	0.47	1.11	0.58			
	HEM881001407	7.9	11.42	30.12	19.8	14.97	11.43	10.87	6.27	10.35			
	HEM881001410	2.04	3.94	3.61	2.8	2.74	2.85	1.42	0.21	2.14			
	HEM881001413	4.48	4.13	8.85	5.53	3.83	5.6	1.34	2.67	1.9			
50	HEM881001419	11.47	23.84	24.98	19.26	14.85	15.61	11.95	7.31	16.96			
	HEM881001421	5.76	4.41	16.42	7.89	11.28	6.94	5.16	2.14	5.02			
	HEM881001424	2.91	4.4	4.11	0.76	0	0.56	5.88	1.84	0.07	**		-
	HEM881001426	14.06	23.97	51.32	27.45	25.66	29	18.89	8.5	8.91			
	HEM881001429	6.88	11.32	20.01	14.76	14.71	20	10.35	6.2	12.32			
	HEM881001436	18.71	17.94	33.05	24.24	11.69	16.55	21.47	12.89	21.69			
	HEM881001443	19.58	21.95	43.4	20.44	16.81	19.91	22.72	13.56	24.01			
55	HEM881001449	35.58	35.95	71.7	35.81	35.7	39.37	42.62	30.92	51.15			
	HEM881001454	4.44	10.09	10.48	10.32	5.73	8.72	4.72	2.95	5.93			

Table 386

	MEMB81001458	9.69	12.19	21.36	34.84	17.29	10.08	13.2	9.97	12.41			
	MEMB81001461	19.67	23.1	39.56	20.5	28.42	24.75	17.54	14.4	25.15			
5	MEMB81001463	19.56	21.33	35.61	31.93	33.77	43.28	30.72	20.68	36.42			
	MEMB81001464	28.01	27.99	31	14.62	14.82	15.04	16.45	13.58	23.87	**	*	-
	MEMB81001466	15.16	15.92	27.83	19.85	13.38	15.96	13.7	10.31	15.02			
	MEMB81001482	17.23	20.81	35.32	19.01	19	19.25	19.83	14.79	21.88			
	MEMB81001500	41.82	45.54	68.26	37.83	39.48	37.77	46.2	37.01	39.45			
10	MEMB81001505	20.94	22.59	32.35	26.78	22.08	24.15	26.64	17.19	32.59			
	MEMB81001521	8.53	7.62	10.6	8.16	6.3	6.64	6.41	3.73	7.14			
	MEMB81001527	2.99	3.88	4.38	4.6	7.15	3.37	3	1.09	4.09			
	MEMB81001530	3.48	3.01	4.27	1.8	4.75	3.13	7.05	4.01	3.15			
	MEMB81001531	35.17	50.68	53.86	24.43	15.05	19.88	14.37	19.2	25.31	*	*	-
	MEMB81001532	17.53	24.2	32.45	18.39	15.75	13.6	15.22	13.76	17.31			
15	MEMB81001535	12.38	16.91	23.89	12.47	13.36	10.82	9.04	12.27	13.78			
	MEMB81001536	66.38	84.8	143.72	91.2	78.03	69.03	101.64	71.92	118.47			
	MEMB81001537	11.79	11.39	16.93	9.29	11.02	10.91	6.73	5.87	10.85			
	MEMB81001542	14.96	22.23	29.71	13.95	16.64	16.35	12.71	5.92	15.48			
	MEMB81001543	23.66	28.65	30.69	20.28	24.21	31.58	17.34	19.58	58.07			
	MEMB81001547	23.94	50.04	39.45	14.74	15.27	12.72	12.08	2.84	4.52	*	*	-
20	MEMB81001548	3.11	4.4	5.6	1.9	1.94	2.29	3.65	4.19	3.74	*		-
	MEMB81001551	3.8	7.07	10.09	4.64	4.24	4.26	3.14	1.65	6.16			
	MEMB81001555	8.19	9.59	15.51	4.72	6.09	5.64	3.45	5.22	5.59			
	MEMB81001562	17.05	18.48	38.18	19.29	13.39	17.57	16.22	12.15	22.52			
	MEMB81001564	38.37	50	64.37	49.41	38.27	48.76	40.56	25.46	46.57			
	MEMB81001565	18.11	21.08	35.2	23.9	18.29	10.69	18.09	9.6	15.5			
25	MEMB81001569	18.83	22.86	28.98	20.6	18.61	17.83	18.18	11.82	14.18			
	MEMB81001573	3.68	5.99	8.15	7.26	5.87	2.52	10.81	4.11	5.2			
	MEMB81001585	31.55	42.11	57.35	32.5	28.22	32.05	31.45	26.22	33.57			
	MEMB81001586	19.62	27.08	60.2	25.12	17.34	21.21	21.42	13.56	26.31			
	MEMB81001588	3.6	1.4	8.8	2.53	0.56	1.81	2.28	0.36	3.78			
	MEMB81001595	10.36	11.37	25.05	8.69	10.88	9.92	9.72	7.65	13.65			
30	MEMB81001596	50.23	70.48	94.67	85.43	78.99	83.08	60.67	47.9	57.78			
	MEMB81001599	12.08	19.55	22.95	3.76	11.11	7.77	4.14	3.06	5.8	*		-
	MEMB81001603	15.69	23.5	36.56	18.96	19.27	14.23	19.02	14.12	17.69			
	MEMB81001606	8.92	10.53	14.14	3.61	11.6	8.26	6.12	2.83	3.66	*		-
	MEMB81001612	12.97	18.3	27.94	17.56	18.03	14.45	13.69	13.84	21.14			
	MEMB81001618	47.24	51.05	53.93	31.05	43.7	40.99	38.7	45.72	63.89	*		-
35	MEMB81001619	21.53	28.8	35.45	21.69	15.6	18.53	19.99	9.27	17.16			
	MEMB81001623	32.27	35.63	43.91	23.19	18.98	32.29	44.61	25.32	56.22			
	MEMB81001625	8.57	7.58	12.04	5.34	5.5	6.91	4.26	3.63	6.59	*		-
	MEMB81001630	10.5	14.13	23.29	7.12	9.43	7.75	11.72	5.74	8.87			
	MEMB81001635	8.75	10.43	14.63	5.84	10.39	7.88	13.65	6.82	10.88			
	MEMB81001637	32.58	33.36	51.7	33.85	36.88	33.36	45.82	19.62	25.12			
40	MEMB81001641	50.01	60.79	92.28	48.36	49.98	43.85	47.93	38.87	56.74			
	MEMB81001653	12.57	22.18	30.48	17.59	15.29	13.82	24.06	13.06	30.12			
	MEMB81001665	3.93	2.53	9.42	3.83	1.95	2.69	2.78	1.9	1			
	MEMB81001666	19.92	21.89	36.37	13.51	17.12	14.78	11.97	10.86	17.21			
	MEMB81001667	16.89	20.47	51.29	17.31	18.04	14.47	10.43	9.14	14.45			
	MEMB81001668	4.06	3.82	13.97	2.65	3.74	1.89	2.27	0.07	2.33			
45	MEMB81001669	4.2	4.89	17.86	5.72	6.1	3.19	6.26	1.74	4.46			
	MEMB81001670	46.37	46.73	48.84	13.56	78.84	42.13	34.32	15.02	19.72	*		-
	MEMB81001673	67.96	61.75	141.78	71.26	44.3	44.21	62.82	56.55	66.02			
	MEMB81001675	17.04	14.33	30.97	18.1	10.45	10.58	21.47	8.1	12.88			
	MEMB81001679	6.24	17.91	21.96	5.19	4.96	3.87	10.86	6.26	8.43			
	MEMB81001684	10.61	21.58	17.28	4.97	9.8	7.91	15.07	5.39	2.51			
50	MEMB81001685	5.57	8.99	14.97	3.84	6.75	3.87	5.52	1.85	2.86			
	MEMB81001695	5.09	9.94	17.45	5.82	8.3	5.19	6.66	2.16	2.97			
	MEMB81001703	4.68	6.84	16.43	5.87	6.69	4.05	8.72	2.46	4.64			
	MEMB81001704	5.61	7.88	21.01	10.94	17.96	9.05	14.4	6.3	9.45			
	MEMB81001706	7.42	2.91	5.37	4.07	5.66	4.18	6.33	3.36	3.19			
	MEMB81001707	3.87	5.86	5.44	3.17	4.08	5.01	5.27	1.48	7.88			
55	MEMB81001717	14.88	12.76	30.35	13.57	11.78	8.58	13.5	11.39	12.48			
	MEMB81001731	39.25	68.03	95.93	39.11	36.32	32.38	46.55	35.06	44.86			
	MEMB81001734	5.17	6.48	12.05	1.52	7.19	2.49	5.94	1.69	6.44			

Table 387

	HEMBB1001735	41.8	74.33	131.1	48.7	40.13	60.42	53.81	28.45	83.52
	HEMBB1001736	7.77	13.39	28.59	8.57	9.16	5.35	8.09	5.45	9.42
5	HEMBB1001747	2.69	8.82	13.53	4.41	6.88	3.98	4.96	1.05	3.48
	HEMBB1001749	10.28	24.28	26.11	5.15	8.2	10.2	5.99	4.27	10.01
	HEMBB1001753	10.3	11.05	20.9	9.25	9.8	9.74	6.82	5.36	10.12
	HEMBB1001756	6.53	8.08	12.86	3.9	3.99	4.72	5	3.97	3.65
	HEMBB1001757	7.8	24.09	26.61	6.4	12.83	5.96	11.18	14.36	9.41
	HEMBB1001760	14.27	19.82	42.06	14.81	14.45	11.21	17.24	9.18	15.44
10	HEMBB1001762	0.8	3.04	8.27	0.57	4.82	0.71	2.56	0.81	3.52
	HEMBB1001780	13.76	23.09	49.83	16.38	14.53	12.62	15.44	6.8	13.71
	HEMBB1001785	6.49	12.36	24.07	15.82	12.17	15.29	9.31	2.84	7.32
	HEMBB1001788	25.43	19.69	45.01	19	16.71	23.01	19.54	20.38	25.43
	HEMBB1001793	5.14	15.25	7.48	1.07	13.29	8	16.96	8.27	6.44
	HEMBB1001797	14.78	27.69	37.34	12.45	18.06	22.63	22.37	14.75	11.18
15	HEMBB1001802	13.95	6.42	12.11	6	9.1	3.62	4.89	7.62	4.73
	HEMBB1001812	19.94	26.82	51.97	30.77	23.99	24.59	25.74	15.27	19.71
	HEMBB1001815	11.81	15.53	37.64	17.99	17.45	14.83	20.39	13.54	19.43
	HEMBB1001816	17.77	23.19	75.37	26.22	24.8	18.06	30.17	15.34	21.15
	HEMBB1001831	8.13	8.07	23.31	9.34	10.75	10.45	10.25	3.73	10.62
20	HEMBB1001834	14.4	18	35.74	22.13	11.64	13.05	15.55	10.35	12.6
	HEMBB1001836	30.28	39.5	43.48	42.55	36.92	34.82	31.2	18.99	16.41
	HEMBB1001839	14.36	16.68	38.4	17.83	16.75	14.74	12.83	10.7	10.84
	HEMBB1001841	25.77	32.45	51.17	33.9	26.13	25.07	27.91	22.04	19.78
	HEMBB1001844	15.48	34.84	44.55	31	24.08	23.04	21.12	16.3	25.7
	HEMBB1001847	17.89	27.89	60.83	26.2	23.47	23.52	21.19	9.97	20.24
25	HEMBB1001848	4.85	5.43	11.29	3.58	4.51	3.65	6.07	3.08	5.61
	HEMBB1001850	38.14	52.12	78.88	56.18	68.55	53.58	61.43	34.94	43.46
	HEMBB1001859	30.81	27.05	59.36	68.19	35.46	57.28	19.8	14.26	20.24
	HEMBB1001863	3.46	3.88	8.32	5.64	4.36	4.8	7.82	2.45	4.74
	HEMBB1001867	14.5	16.62	28.09	12.79	10.98	12.92	14.13	8.77	15.8
	HEMBB1001868	5.84	8.18	12.72	7.12	6.24	5.61	8.09	8.94	8.48
30	HEMBB1001869	54.86	64.59	94.37	86.31	67.89	82.85	80.48	51.3	89.82
	HEMBB1001872	6.07	11.98	13.6	18.68	9.46	7.21	18.78	6.55	10.02
	HEMBB1001874	3	3.3	6.61	4.59	12.05	11.19	3.13	1.36	5.74
	HEMBB1001875	12.99	18.2	23.61	26.52	29.44	24.9	34.89	17.55	28.83
	HEMBB1001880	18.04	17.79	33.89	31.27	17.63	20.15	14.84	10.37	14.08
	HEMBB1001899	34.29	45.59	63.32	39.63	32.89	31.82	35.58	26.2	35.72
35	HEMBB1001903	8.16	10.41	29.09	8.47	10.89	12.17	9.48	4.66	7.91
	HEMBB1001905	28.16	29.19	50.5	33.46	32.78	32.37	33.69	21.9	33.71
	HEMBB1001906	4.65	5.05	9.2	6.27	6.88	4.65	7.25	6.26	9.65
	HEMBB1001908	2.42	5.7	6.4	5.21	4.63	6.7	4.19	0.96	5.33
	HEMBB1001910	5.2	10.62	10.84	8.51	10.51	9.98	6.79	2.76	7.39
40	HEMBB1001911	29.98	51.31	56.74	43.98	49.18	34.13	49.74	26.26	62.6
	HEMBB1001919	21.14	31.44	37.82	20.71	15.99	14.9	18.9	21.96	29.35
	HEMBB1001921	7.15	10.68	16.34	7.38	7.15	5.66	5.97	5.19	7.01
	HEMBB1001922	17.41	22.59	26.93	13.84	10.93	18.21	23.02	11.95	17.79
	HEMBB1001925	13.97	12.3	26.77	11.6	11.78	10.4	15.51	12.86	15.84
	HEMBB1001930	40.03	59.19	73.92	44.03	41.91	43.37	40.7	31.14	54.53
	HEMBB1001944	1.94	5.58	8.4	6.66	4.5	5.16	2.67	2.16	4.4
45	HEMBB1001946	11.9	14.15	28.25	12.61	15.86	30.85	15.45	10.36	15.75
	HEMBB1001947	12.74	2.15	16.64	14.03	14.01	12.25	15.71	4.99	12.24
	HEMBB1001950	17.57	25.59	40.32	25.51	11.85	16.5	13.53	12.65	19.84
	HEMBB1001952	26.14	33.12	47.22	23.32	21.94	24.22	34.78	37.99	49.1
	HEMBB1001953	17.2	26.64	33.2	20.18	17.54	17.43	18.02	10.46	24.03
	HEMBB1001957	5.93	5.66	12.29	2.67	5.82	5.6	4.01	5.73	6.62
50	HEMBB1001959	4.28	3.66	11.59	1.82	2.82	5.97	1.57	2.64	3.72
	HEMBB1001962	11.92	43.87	27.13	12.9	32.94	14.36	12.1	15.99	21
	HEMBB1001967	34.88	44.03	60.34	44.77	38.71	38.73	44.26	27.2	37.33
	HEMBB1001973	28.25	35.18	38.62	28.67	29.33	21.67	37.28	18.87	23.03
	HEMBB1001974	70.1	95.85	135.62	108.46	60.16	80.87	54.72	61.03	86.88
	HEMBB1001983	4.69	4.06	8.04	3.84	5.22	5.54	6.15	3.31	5.57
55	HEMBB1001987	10.55	12.27	28.1	12.58	12.32	11.95	11.85	6.54	23.57
	HEMBB1001988	9.33	7.22	23.4	8.24	11.34	8.88	13.31	6.58	9.63
	HEMBB1001990	26.2	19.68	27.76	43.3	26.68	36.79	27.71	13.13	24.3

Table 388

	HEM881001996	27.04	42.61	48.67	17.55	24.82	18.56	28.17	23.4	25.36	*	-
	HEM881001997	14.71	23.01	29.3	15.9	17.15	12.6	18.98	11.27	17.5		
5	HEM881001999	15.2	22.46	20.51	13.68	17.9	14.36	19.76	8.32	11.63		
	HEM881002002	6.41	8.68	14.02	3.86	4.69	7.48	2.32	2.31	9.35		
	HEM881002005	13.93	14.9	24.54	14.07	12.64	13.23	24.2	15.6	24.4		
	HEM881002009	13.81	20.37	28.5	12.9	13.24	9.2	14.63	11.53	16.62		
	HEM881002013	35.52	43.43	61.55	22.34	25.62	25.39	38.97	23.31	36.2	*	-
10	HEM881002015	17.64	16.37	26.67	10.62	13.94	14.66	13.44	9	13.73		
	HEM881002024	5.8	10.6	13.79	2.3	5.04	3.13	2.77	1.85	3.6	*	-
	HEM881002035	52.65	85.52	32.75	21.71	70.63	38.58	40.44	20.7	17.84		
	HEM881002039	4.95	5.73	12.99	4.99	10.04	5.87	7.91	2.61	3.57		
	HEM881002041	26.99	42.34	59.33	33.42	31.41	30.59	35.5	25.94	36.66		
	HEM881002042	7.32	8.11	15.44	8.43	5.37	4.7	6.95	4.45	6.64		
15	HEM881002043	15.38	16.33	33.37	9.15	15.16	12.75	12.63	10.91	12.91		
	HEM881002044	6.28	7.19	15.99	4.63	6.03	3.49	8.95	3.61	5.78		
	HEM881002045	13.55	14.05	38.81	21.11	17.68	16.3	14.27	7.83	17.46		
	HEM881002049	20.72	21.4	45.82	13.96	20.22	15.6	21.11	13.82	17		
	HEM881002050	12.83	16.25	37.04	11.52	18.46	11.6	18.41	9.54	14.5		
20	HEM881002051	28.94	18.92	52.44	23.53	26.05	15.13	33.91	14.41	28.65		
	HEM881002068	64.56	61.13	134.22	53.82	39.3	49.08	48.07	48.15	30.52		
	HEM881002069	20.89	27.08	36.85	26.67	17.79	18.85	23.6	16.68	23.73		
	HEM881002075	15.68	17.27	22.02	11.81	12.44	12.63	5.87	5.58	11.32	*	-
	HEM881002079	27.46	41.14	33.47	23.15	21.35	9.24	13.25	11.63	12.65	**	-
	HEM881002080	27.32	43.03	71.5	48.33	38.81	19.92	37.68	22.99	28.59		
	HEM881002082	11.54	12.93	24.86	5.24	21.72	15.36	15.59	4.71	14.1		
25	HEM881002084	17.19	20.49	48.44	15.57	24.56	30.61	24.16	14.34	22.35		
	HEM881002088	4.86	8.19	14.88	4.12	8	4.95	6.55	2.38	8.06		
	HEM881002092	144.34	116.11	135.03	45.77	56.49	60.46	15.5	25.51	16.94	**	**
	HEM881002094	15.12	19.26	35.12	17.76	15.07	8.88	14.96	9.23	22.31		
	HEM881002103	5.46	7.53	11.18	8.4	4.51	4.6	8.52	3.47	4.97		
	HEM881002109	59.58	83.46	107.06	62.19	50.92	51.12	65.01	50.9	42		
30	HEM881002115	5.46	60.72	14.77	39.13	16.84	5.85	5.92	6.74	5.3		
	HEM881002120	6.4	5.75	12.8	2.74	5.51	2.64	3.13	1.57	3.49		
	HEM881002121	19.45	25.43	55.52	28.56	24.08	19.83	25.58	15.89	20.17		
	HEM881002134	10.91	24.24	43.39	24.03	23.79	24.09	19.26	8.44	14.1		
	HEM881002136	18.13	18.78	45.57	23.81	13.25	20.44	11.9	15.85	24.31		
	HEM881002138	50.09	51.59	110.11	35.51	42.15	39.79	27.69	28.58	25.22		
35	HEM881002139	8.36	15.47	10.43	4.01	4.89	4.74	7.89	6.83	4.81	*	-
	HEM881002141	9.19	16.96	13.1	1.9	10.98	7	5.65	7.53	4.35	*	-
	HEM881002142	6.36	8.37	8.62	2.74	2.82	2.25	4.04	2.02	5.71	**	*
	HEM881002145	10.49	16.24	32.26	9.14	12.19	10.34	12.54	5.18	7.82		
	HEM881002152	24.88	22.9	59.51	8.84	21.68	20.2	34.39	10.44	7.92		
40	HEM881002162	46.61	80.75	107.44	66.24	81.5	44.12	82.89	47.69	70.76		
	HEM881002173	3.55	25.4	7.84	5.45	25.86	14.76	4.91	5.53	5.99		
	HEM881002189	5.91	5.36	11.91	4.49	4.74	3.73	7.69	4.5	2.15		
	HEM881002190	8.05	5.19	7.81	3.82	3.51	3.24	3.4	1.73	2.03	*	*
	HEM881002193	13.5	31.42	40.95	12.51	15.71	29.81	30.17	23.34	31.46		
	HEM881002217	11.76	15.56	34.59	12.72	11.26	16.37	17.63	11.07	12.8		
	HEM881002218	25.74	52.63	73.43	32.82	28.59	24.52	35.6	20.64	25.88		
45	HEM881002228	108.24	84.59	214.25	80.62	78.36	108.65	166.71	123.42	65.1		
	HEM881002232	10.76	24.39	31.98	19.41	21.33	17.37	22.17	6.39	14.13		
	HEM881002245	29.32	39.47	46.03	33.69	25.42	30.62	28.25	20.36	26.6		
	HEM881002247	23.04	30.4	36.26	21.55	23.11	19.18	30.01	21.82	18.27		
	HEM881002249	8.45	5.4	12.9	9.1	8.18	7.58	2.92	2.96	4.18		
	HEM881002254	13.55	8.54	22.22	9.35	11.14	10.19	5.38	9.93	4.18		
50	HEM881002255	24	39.55	56.2	39.15	37.05	37.31	39.64	23.55	35.88		
	HEM881002266	19.55	37.2	69.12	27.4	30.03	37.09	27.79	17.42	23.42		
	HEM881002271	8.4	14.75	33.73	16.63	15.77	17.75	17.9	8.81	11.82		
	HEM881002280	0	1.32	3.2	1.59	2.57	0.19	2.26	0	1.09		
	HEM881002296	13.25	17.07	48.86	29.84	17.48	25.16	17	14.47	20.56		
	HEM881002300	7.2	17.96	22.84	22.43	7.83	12.63	8.34	8.09	9.04		
55	HEM881002302	8.19	9.85	13.55	11.87	6.29	9.78	7.21	2.24	3.19	*	-
	HEM881002306	4.46	4.94	10.04	8.42	4.47	9.84	5.18	3.92	6.24		
	HEM881002316	9.41	18.69	11	13.6	12.17	15.43	7.32	2.42	6.96		

Table 389

	HEM881002326	6.79	10.97	11.32	21.02	12.83	6.76	6.12	3.86	6.53		
	HEM881002327	29.86	39.37	46.64	28.75	34.27	35.49	23.76	23.05	28.43		
5	HEM881002329	12.21	17.09	28.97	18.73	8.27	19.71	9.42	11.59	11.1		
	HEM881002340	3.57	5.21	5.98	7.77	3.22	9.25	5.09	2.16	1.79		
	HEM881002342	6.21	7.8	10.28	6	3.29	3.42	3.33	3.85	5.15	*	-
	HEM881002358	32.09	38.53	65.28	39.45	32.86	34.65	33.44	21.57	27.85		
	HEM881002359	3.96	3.69	6.45	3.93	4.64	4.39	3.95	0.63	2.74		
10	HEM881002364	3.43	4.07	8.33	6.97	4.3	5.26	4.27	1.48	3.01		
	HEM881002366	7.13	10.16	14.56	9.95	9.83	9.89	9.48	6.8	10.03		
	HEM881002371	17.53	29.76	21.32	21.87	21.71	16.54	9.41	9.09	4.87	*	-
	HEM881002381	7.92	12.33	16.15	8.95	3.96	8.62	4.76	5.05	4.4	*	-
	HEM881002383	135.68	179.56	228.28	286.57	191.47	226.83	107.86	116.89	120.62	*	-
	HEM881002387	23.79	23.11	43.55	20.25	12.08	15.04	3.85	6.21	4.42	*	-
15	HEM881002409	13.31	12.51	22.34	8.77	11.21	10.89	4.44	4.37	4.87	*	-
	HEM881002413	3.49	3.12	9.08	4.81	2.78	4	1.3	1.86	1.66		
	HEM881002415	2.64	3.61	7.39	2.66	2.05	3.42	0.86	1.28	2.41		
	HEM881002424	6.07	9.92	9.97	6.37	9	12.89	6.72	4.73	6.15		
	HEM881002425	4.48	7.81	11.5	5.69	9.56	5.52	4.13	1.79	5.11		
	HEM881002427	29.25	30.49	60.22	43.33	23.55	33.03	24.65	22.4	31.01		
20	HEM881002442	6.2	17.54	17.42	9.79	7.28	9.01	4.36	12.11	11.81		
	HEM881002447	110.71	207.61	155.4	83.72	84.2	96.3	26.65	37.71	31.85	*	-
	HEM881002453	5.36	5.98	9.95	2.72	2.55	3.56	2.41	1.81	3.86	*	-
	HEM881002457	16.89	16.27	19.17	6.78	17.09	11.88	7.07	5.54	6.6	**	-
	HEM881002458	23.11	31.15	52.26	31.43	27.93	29.52	25.75	14.57	26.97		
	HEM881002463	24.77	42.25	57.37	32.51	37.48	24.85	28.18	20.41	30.3		
25	HEM881002465	3.27	5.17	9.01	3.69	4.27	4.31	3.51	0.9	2.26		
	HEM881002477	4.25	7.51	5.14	7.06	3.76	4.24	1.98	3.33	2.58	*	-
	HEM881002479	20.58	32.93	33.42	17.09	21.13	16.76	11.95	15.32	21.36		
	HEM881002489	48.69	62.6	67.58	34.04	44.48	57.32	35.3	36.02	39.44	*	-
	HEM881002492	11.53	17.66	26.19	13.16	10.94	12.55	11.2	5.85	15.28		
	HEM881002495	5.18	3.21	9.5	2.92	4.34	3.1	3.82	2.25	3.88		
30	HEM881002502	34.71	31.95	38.03	46.31	31.48	35.99	26.54	23.82	25.15	**	-
	HEM881002509	11.07	15.55	26.84	12.73	16.51	11.29	10.77	7	12.74		
	HEM881002510	28.51	45.37	36.84	31.94	38.1	20.25	23.53	21.31	17.08	*	-
	HEM881002520	14.34	15.62	18.28	10.3	7.17	4.37	1.27	2.73	3.96	*	**
	HEM881002522	27.23	55.84	54.45	41.8	39.8	28.31	15.32	22.78	36.38		
	HEM881002527	2.56	2.91	5.88	1.86	2.03	3.34	1.71	1.04	2.87		
35	HEM881002530	5.16	6.33	11.67	5.25	3.42	5.09	4.28	2.92	7.5		
	HEM881002531	26.73	31.41	45.92	22.42	21.99	29.07	24.79	13.7	18.84		
	HEM881002534	27.18	46.28	57.65	25.13	29.76	23.09	34.17	26.17	36.08		
	HEM881002536	13.04	20.55	23.13	9.22	13.07	13	15.33	12.24	18.4		
	HEM881002544	23	32.2	43.29	21.03	30.23	27.52	19.17	15.09	14.85		
	HEM881002545	3.59	4.33	9.7	5.81	3	3.66	1.12	0.96	13.79		
40	HEM881002550	7.33	13.21	13.27	3.83	6.5	4.73	2.81	3.61	2.61	*	*
	HEM881002556	19.36	24.38	22.91	7.86	11.05	11.87	7.3	3.24	5.41	**	**
	HEM881002571	7.32	4.72	8.5	4.01	3.71	2.33	1.87	1.16	2.04	*	*
	HEM881002579	3.21	4.8	10.5	2.3	2.84	2.3	2.51	1.04	2.73		
	HEM881002582	9.95	12.82	19.84	6.39	8.66	6.74	3.36	2.01	3.49	*	-
	HEM881002584	4.7	5.64	13.38	4.24	5.58	5.79	3.53	1.46	2.34		
45	HEM881002587	8.59	15.17	29.93	11.81	13.87	11.06	10.85	4.49	11.04		
	HEM881002590	27.91	31.34	78.12	45.05	22.1	24.36	21.48	22.81	39.4		
	HEM881002596	9.4	9.36	12.16	12.87	8.92	9.94	3.39	4.59	5.2	**	-
	HEM881002600	7.35	8.89	8.63	4.2	3.37	4.13	3.83	2.53	0.85	**	**
	HEM881002601	13.59	25.38	25.69	13.58	12.98	10.65	15.53	14.47	12.11		
	HEM881002603	4.01	4.35	8.49	3.09	3.23	2.33	3.4	1.13	1.07		
50	HEM881002607	5.59	8.75	13.05	6.25	8.3	3.46	5.04	2.83	4.29		
	HEM881002610	6.17	9.3	18.74	7.02	8.85	5.16	5.21	2.01	3.82		
	HEM881002613	5.1	6.85	16.57	4.47	6.62	3.43	4.07	1.86	3.63		
	HEM881002614	108.18	118.26	257.79	160.19	127.61	115.27	80.95	70.77	100.61	*	-
	HEM881002615	3.76	4.74	6.46	3.53	4.89	3.11	2.31	1.58	0.85		
	HEM881002617	15.34	16.43	20.69	14.06	10.46	7.36	16.03	9.38	12.23		
55	HEM881002623	43.46	62.43	70.11	89.32	59.95	64.13	46.57	40.8	51.16		
	HEM881002624	20.45	39.7	56.1	29.45	24.85	24.11	26.5	22.1	22.65		
	HEM881002631	12.8	24.72	22.26	5.67	13.71	7.87	12.49	14.8	9.64		

Table 390

	MEMB1002635	3.81	5	11.37	1.21	3.62	1.08	2	1.05	2.82			
	MEMB1002644	6.38	7.38	19.6	6.87	6.62	5.91	7.04	3.57	7.83			
5	MEMB1002654	44.15	47.27	98.13	55.06	50.78	51.15	27.74	20.25	41.98			
	MEMB1002661	16.29	22.35	33.51	18.43	18.3	14.62	15.42	10.61	19.12			
	MEMB1002663	12.29	20.14	24.54	5.77	16.48	12.72	3.66	7.87	3.2	*		
	MEMB1002664	26.04	27.32	31.97	12.71	14.38	12.28	15.87	10.5	16	**	**	
	MEMB1002677	2.85	4.67	7.35	1.19	3.8	1.22	2.58	0.54	2.04			
10	MEMB1002683	408.12	530.85	581.04	161.92	536.41	322.12	493.61	190.86	318.34			
	MEMB1002684	5.89	14.15	21.74	5.64	5.67	5.5	2.78	0.53	2.33			
	MEMB1002686	2.08	2.21	13.73	0.94	2.87	1.96	2.53	0.03	2.4			
	MEMB1002692	6.27	8.28	18.48	7.56	4.81	4.6	4.23	1.22	6.95			
	MEMB1002693	37.13	59.89	50.13	8.18	9.08	32.77	12.89	24.23	25.51	*	*	
	MEMB1002697	12.19	19.73	29.39	11.74	11.32	12.96	13.01	7.86	10.37			
15	MEMB1002699	12.29	7.87	29.87	3.99	12.05	3.69	6.19	2.34	1.91			
	MEMB1002702	4.21	4.82	9.81	4.02	2.81	2.59	2.32	3.46	2.32			
	MEMB1002705	42.01	58.09	92.41	42.52	47.93	35.39	82.62	52.43	59.52			
	MEMB1002712	82.07	113.22	149.92	77.66	93.78	72.72	96.78	72.75	86.71			
	IMR321000028	2.68	4.75	13.62	4.72	4.88	2.62	2.74	1.07	1.92			
	IMR321000031	7.53	10.04	0	0.26	16.99	0.79	7.55	3.43	9.54			
20	IMR321000034	9.42	10.78	32.44	15.73	16.03	17.46	6.96	5.24	7.94			
	IMR321000039	1.72	2	2.81	3.07	3.78	1.79	0.76	0	1.77			
	IMR321000044	5.65	7.08	18.45	11.11	7.14	7.03	4.83	2.08	3.62			
	IMR321000063	10.51	11.67	19.12	13.18	11.6	12.05	6.47	7.76	7.56			
	IMR321000085	3.33	5.05	8.66	2.61	3.29	3.45	1.96	0.92	3.07			
	IMR321000089	3.15	5.89	14.29	4.37	6.53	5.77	3.28	1.07	2.45			
25	IMR321000091	59.8	78.47	131.41	171.62	125.26	143.68	43.76	27.21	45.98			
	LIVER1000004	4.13	4.93	5.75	3.08	2.76	4.02	2.18	1.07	1.36	**		
	LIVER1000008	10.35	13.6	22.11	11.7	10.53	14.7	11.26	5.83	10.54			
	LIVER1000011	59.6	50.82	129.92	124.27	66.83	94.45	48.23	37.68	48.06			
	LIVER1000022	2.42	3.87	7.13	5.18	2.89	5.96	3.99	0.85	2.2			
	LIVER1000025	11.19	21.41	14.85	14.92	17.52	18.14	8.19	3.93	7.48	*		
30	LIVER1000030	5.79	4.25	8.83	9.98	5.67	5.82	4.77	2.89	3.63			
	LIVER1000045	4.77	5.86	5.47	6.22	7.71	6.61	4.81	3.96	4.97			
	LIVER1000046	23.39	30.93	40.35	28.67	14.67	17.18	8.63	19.03	18.73			
	LIVER1000072	9.51	20.72	24.34	17.51	14.57	15.78	8.13	9.06	13.17			
	LIVER1000077	7.51	7.91	13.85	13.48	8.07	9.05	5.23	4.4	6.07			
	LIVER1000080	5.07	5.78	10.96	6.47	4.34	6.39	3.86	2.15	4.56			
35	LIVER1000086	11.03	13.61	23.46	8.67	23.05	12.3	11.46	8.1	16.78			
	LIVER1000092	10.59	15.75	23.53	19.18	22.61	13.71	8.85	6.69	7.35			
	LIVER1000095	51.53	68.53	98.85	69.98	49.48	69.44	74.79	43.47	64.56			
	LIVER1000097	8.95	15.6	14.45	10.75	13.82	9.14	5.8	2.85	3.46	*		
	LIVER1000098	41.49	40.97	103.47	50.66	24.2	43.26	26.16	32.27	27.07			
	LIVER1000100	3.55	4.13	7.44	3.5	3.68	3.78	2.58	3.54	3.3			
40	LIVER1000101	44.76	62.72	56.32	36.92	31.17	34.9	40.25	36.83	38.75	*	*	
	LIVER1000106	3.93	4.77	8.45	2.61	3.61	4.62	2.14	3.23	3.22			
	LIVER1000108	6.19	8.29	14.94	4.01	4	6.54	5.47	6.84	5.37			
	LIVER1000115	1.31	3.43	5.31	1.07	1.91	1.17	0.78	1.21	1.27			
	LIVER1000120	5.87	8	12.35	7.59	6.45	6.85	5.23	2.59	6.22			
	LIVER1000138	5.5	7.3	19.82	7.01	10.38	6.37	5.23	4.12	9.23			
45	LIVER1000146	4.13	5.06	8.45	8.15	4.26	4.91	1.55	2.41	3.37			
	LIVER1000148	10.81	16.45	14.93	9.88	11.05	13.74	6.11	8.29	5.5	*		
	LIVER1000157	4.51	3.83	6.67	3.38	5.06	4.69	1.48	2.24	4.29			
	LIVER1000161	85.1	101.44	127.49	155.4	95.91	123.47	63.19	53.6	81.33			
	LIVER1000167	9.34	7.8	16.08	6.28	7.39	6.18	4.07	3.11	4.06	*		
	LIVER1000174	14.38	23.84	29.19	10.08	10.54	10.6	4.27	1.62	4.26	*	*	
50	LIVER1000185	15.55	11.69	24.81	3.86	12.78	7.24	6.4	3.76	4.58	*	*	
	LIVER1000187	40.28	72.32	62.92	52.19	53.14	45.8	30.48	15.14	10.77	*	*	
	LIVER1000190	13.01	13.24	16.57	5.85	5.19	5.07	2.85	4.77	5.27	**	**	
	LIVER1000192	3.52	6.68	4.51	4.92	4.75	3.34	0.75	1.7	3.55			
	MANNA1000009	5.18	9.12	9.31	4.2	4.16	3.51	1.94	1.4	2.13	*	*	
	MANNA1000015	5.78	4.65	11.74	5.4	3.83	5.36	2.48	1.65	3.15			
	MANNA1000019	8.71	5.86	17.78	9.05	5.32	5.22	3.67	4.83	8.34			
55	MANNA1000020	101.37	73.62	112.56	134.32	82.42	106.51	82.61	44.53	81.2			
	MANNA1000024	19.83	36.9	36.17	7.46	24.94	15.61	12.77	15.51	6.89	*		

Table 391

	MAMMA1000025	3.49	6.73	9.73	4.76	8.15	5.09	3.99	1.9	3.02				
	MAMMA1000043	8.59	8.02	15.22	6.68	3.56	4.76	2.11	1.9	6.1				
5	MAMMA1000045	9.03	8.98	17.21	11.43	6.71	9.34	5.16	4.47	6.29				
	MAMMA1000046	41.47	53.57	56.97	30.34	27.99	31.56	37.45	30.61	48.64	*		-	
	MAMMA1000055	10.6	18.89	12.32	4.6	6.26	5.89	3.62	4.44	2.53	*	*	-	
	MAMMA1000057	3.76	2.41	12.19	2.23	1.8	1.43	1.21	1.53	2.81				
	MAMMA1000060	10.21	8.2	18.54	5.99	7.11	5.88	5.98	4.17	6.29				
10	MAMMA1000069	143.75	270.15	259.45	49.26	67.48	38.63	33.36	39.16	49.31	*	*	-	
	MAMMA1000084	3.34	5.16	10.93	3.47	4.79	2.05	3	0.67	2.88				
	MAMMA1000085	3.86	4.9	7.86	4.65	4.18	4.46	2.36	1.98	8.94				
	MAMMA1000092	1.88	4.62	8.98	3.96	2.75	3.09	2.27	0.07	1.18				
	MAMMA1000096	3.52	3.48	7.14	2.58	2.53	2.5	0.67	1.83	1.35				
	MAMMA1000097	4.98	3.73	8.88	2.04	2.02	1.49	1.93	0.71	1.64	*		-	
15	MAMMA1000102	16.31	20.65	29.78	15.97	14.1	11.62	28.48	21.84	17.26				
	MAMMA1000103	24.25	30.87	39.49	18.45	29.7	17.72	21.24	13.56	7.51	*		-	
	MAMMA1000106	8.95	10.76	22.4	12.82	11.13	10.63	6.32	4.47	6.45				
	MAMMA1000117	2.83	6.06	12.12	2.65	4.11	2.11	5.97	1.27	1.18				
	MAMMA1000118	8.06	8.77	19.58	14.56	12.82	9.23	5.17	8.7	14.06				
20	MAMMA1000129	4	2.76	5.79	3.46	3.6	1.79	1.7	2.01	2.69				
	MAMMA1000133	5.05	7.04	6.39	3.71	2.31	3.3	8.78	9.22	3.38	*		-	
	MAMMA1000134	7.25	6.71	12.23	3.97	5.46	2.89	5.9	4.64	5.77				
	MAMMA1000139	8.81	13.92	27.94	9.57	7.21	7.44	10.8	7.32	10.69				
	MAMMA1000141	10.59	12.38	22.86	16.46	15.91	12.46	8.35	6.81	8.98				
	MAMMA1000143	47.46	88.55	73.36	60.42	67.69	52.39	70.22	26.61	57.3				
	MAMMA1000150	7.57	5.6	14.19	2.79	8.22	2.73	5.6	1.58	3.48				
25	MAMMA1000155	11.41	12.76	22.27	10.11	6.62	6.85	2.76	1.55	4.85	*		-	
	MAMMA1000163	15.02	19.25	32.92	19.25	12.39	13.68	10.19	9.3	14.14				
	MAMMA1000171	7.6	10.37	13.24	2.98	2.32	1.89	2.54	1.28	1.33	**	**	-	
	MAMMA1000173	6.75	5.29	9.57	2.32	2.23	1.04	2.07	1.37	0.99	*	*	-	
	MAMMA1000175	3.46	6.59	11.02	3.52	2.3	2.43	3.53	1.51	2.66				
30	MAMMA1000183	25.33	42.54	44.08	23.65	35.89	24.05	16.46	12.47	14.16	*		-	
	MAMMA1000191	5.92	8.95	18.7	5.23	6.43	6.14	3.97	2.29	6.56				
	MAMMA1000192	11.99	14.56	36.16	26.22	18.77	12.98	9.82	7.53	11.64				
	MAMMA1000193	3.19	3.37	6.86	4.95	4.82	4.54	1.06	1.39	2.14				
	MAMMA1000198	47.48	58.45	65.4	32.82	40.48	48.35	28.71	22.96	42.97	*		-	
	MAMMA1000204	11.23	12.69	25.02	6.96	11.44	9.78	5.53	7.76	6.1				
35	MAMMA1000207	12.4	7.47	19.55	6.26	5.09	4.84	6.03	8.39	7.97				
	MAMMA1000214	8.42	8.75	15.08	9.58	9.32	7.56	7.33	4.95	7.33				
	MAMMA1000220	22.52	15.12	36.99	5.02	6.29	6.82	6.38	3.87	3.09	*	*	-	
	MAMMA1000221	10.4	16.64	24.93	5.03	11.07	6.49	6.69	3.21	1.94	*		-	
	MAMMA1000226	13.64	11.97	28.4	5.25	12.91	9.41	26	12.92	3.5				
	MAMMA1000227	14.38	17.15	40.21	23.86	16.67	19.14	13.83	7.29	12.46				
40	MAMMA1000230	3.53	5.09	7.34	3.64	2.92	4.31	1.76	1.24	2.65	*		-	
	MAMMA1000241	2.76	3.88	6.29	2.63	1.66	1.65	1.27	0.15	1.78	*		-	
	MAMMA1000245	6.45	7.89	22.51	9.95	8.51	9.68	6.76	3.1	4.13				
	MAMMA1000248	21.38	25.61	55.84	30.22	20.66	19.73	24.19	11.24	13.89				
	MAMMA1000251	5.31	4.84	10.73	2.94	4.44	3.42	3.67	1.53	2.11				
	MAMMA1000254	2.32	3.23	8.55	2.43	2.71	1.01	0.9	0.97	0.54				
	MAMMA1000257	2.87	3.77	9.11	1.37	3.58	0.82	2.27	0.96	1.23				
45	MAMMA1000262	45.74	36.4	0	0.39	0	0	34.58	23.42	46.99				
	MAMMA1000264	9.34	12.72	36.1	26.8	15.94	23	7.31	7.08	9.25				
	MAMMA1000266	0.66	1	3.04	2.63	2.61	0.59	0.15	0	1				
	MAMMA1000270	13.12	14.9	18.21	14.67	11.46	11.77	8.4	9.61	6.99	*		-	
	MAMMA1000271	3.88	3.72	7.35	4.08	3.89	3.79	1.47	2.83	1.69				
	MAMMA1000277	41.4	51.52	103.66	30.74	33.8	53.69	17.12	13.52	16.27				
50	MAMMA1000278	11.35	16.91	37.8	22.57	16.53	16.11	10.35	6.71	12.84				
	MAMMA1000279	3.26	3.91	6.49	3.15	3.6	2.86	2.52	0.56	1.77				
	MAMMA1000283	29.38	33.95	49.97	69.77	34.21	54.3	27.86	21.79	21.83				
	MAMMA1000284	5.55	5.62	6.77	4.76	4.06	5.69	4.18	2.05	4.21	*		-	
	MAMMA1000287	18.44	27.31	36.41	15.51	4.83	9.89	4.34	3.99	2.59	*	*	-	
	MAMMA1000294	14.59	17.3	29.88	19.53	15.7	20.07	17.98	12.1	15.45				
55	MAMMA1000298	4.06	4.13	7.44	4.06	5.42	8.4	4.25	2.39	4.19				
	MAMMA1000302	3.99	3.48	11.09	6.9	8.86	5.91	4.93	2.1	3.71				
	MAMMA1000303	1.77	4.16	5.21	2.14	3.15	3.07	3.83	0.5	1.85				

Table 392

	MAMMA1000305	32.01	34.24	58.88	37.52	42.02	39.78	30.9	18.25	28.49		
	MAMMA1000307	7.32	11.17	15.9	9.52	5.29	9	4.83	4.75	5.32		
5	MAMMA1000309	13.21	12.45	16.61	13.37	8.5	8.68	5.45	4.69	8.26	**	-
	MAMMA1000312	3.8	4.66	7.38	5.51	4.44	4.58	3.65	2.16	2.53		
	MAMMA1000313	5.23	3.78	8.22	6.32	8.18	4.37	4.06	1.99	2.36		
	MAMMA1000331	3.57	2.97	7.78	3.29	3.56	6.01	3.84	1.96	2.66		
	MAMMA1000335	1.93	3.97	7.5	5.14	3.16	3.87	4.24	1.18	2.51		
10	MAMMA1000339	4.85	7.71	8.76	4.7	9.96	8.63	2.97	1.94	3.31	*	-
	MAMMA1000340	13.8	21.06	20.08	19.65	20.75	20	20.39	11.88	8.29	*	-
	MAMMA1000348	6.6	5.86	10.24	5.86	4.39	5.28	1.91	2.51	3.44		
	MAMMA1000356	48.67	74.66	87.35	53.83	37.37	46.85	35.71	39.77	39.98		
	MAMMA1000358	9.54	13.7	18.74	8.76	9.05	7.26	6.27	7.75	6.04		
	MAMMA1000360	4.42	6.35	14.28	5.25	6.74	5.72	3.05	4.95	4.76		
15	MAMMA1000361	62.5	108.93	116.66	101.62	117.16	105.86	87.17	73.39	114.81		
	MAMMA1000363	4.98	6.13	8.18	4.8	3.56	6.25	3.82	2.21	3.44	*	-
	MAMMA1000370	5.17	12.45	10.14	5.35	7.18	7.58	3.49	1.29	2.83	*	-
	MAMMA1000371	2.39	4.39	9.15	3.68	6.58	4.68	2.76	1.36	2.71		
	MAMMA1000372	17.51	21.43	34.07	12.37	14.77	13.39	11.25	17.12	32.9		
	MAMMA1000385	2.59	3.13	9.36	4.39	3.21	2.85	3.43	3.75	2.78		
20	MAMMA1000388	15.23	16.36	27.37	8.49	18.09	20.18	11.94	20.32	17.28		
	MAMMA1000395	2.71	2.65	9.67	2.23	1.16	2.27	1.54	2.51	1.57		
	MAMMA1000402	17.65	14.83	40.38	21.39	34.95	27.07	11.67	5.88	6.61		
	MAMMA1000403	4.76	5.81	8.95	2.66	5.93	4.73	3.53	2.03	3.28		
	MAMMA1000410	8.38	10.39	14.35	8.64	10.52	7.1	6.79	5.15	5.87	*	-
	MAMMA1000413	13.08	31.41	34.59	25.16	26.53	19.73	20.54	9.59	10.58		
25	MAMMA1000414	26.2	35.15	53.64	41.13	33.28	34.97	22.92	16.5	31.45		
	MAMMA1000416	93.85	138.41	125.21	46.14	53.85	91.17	35.64	64.76	53.2	*	-
	MAMMA1000421	12.39	14.43	18.48	7.65	12.15	12.39	5.74	4.49	4.48	**	-
	MAMMA1000422	142.54	131.07	148.31	147.75	137.43	173.26	122.42	112.28	99.77	*	-
	MAMMA1000423	5.22	2.76	10.5	5.24	3.96	3.14	2.65	0.29	3.52		
	MAMMA1000424	16.73	20.92	35.59	20.88	21.28	23.97	15.73	11.76	16.32		
30	MAMMA1000429	9.36	15.84	18.54	7.22	10.71	6.57	4.21	3.75	2.1	*	-
	MAMMA1000431	1.71	4.16	6.38	1.45	4.13	3.04	2.28	2.32	2.5		
	MAMMA1000432	63.4	133.96	122.67	9.74	51.75	20.93	35.92	64.94	54.93	*	-
	MAMMA1000437	7.75	15.03	14.39	12.33	7.79	9.82	5.47	8.03	11.07		
	MAMMA1000444	7.3	9.64	12.3	7.17	6.74	4.04	4.84	3.63	6.39	*	-
	MAMMA1000446	72.49	65.48	72.84	97.18	57.65	80.67	67.4	46.57	58.28		
35	MAMMA1000449	18.1	22.35	31.63	13.49	17.76	14	17.72	12.22	18.97		
	MAMMA1000457	18.4	25.87	17.2	2.76	17.71	11.5	15.1	3.75	16.53		
	MAMMA1000458	7.78	16.72	16.75	9.69	10.94	4.65	4.37	2.84	7.72		
	MAMMA1000468	16.03	28.35	43.07	20.2	27.28	30.25	21.32	9.68	14.64		
	MAMMA1000472	6.66	14.63	17.94	8.59	8.34	7.38	4.92	4.41	8.54		
	MAMMA1000473	18.92	28.23	28.07	15.83	15.65	17.15	17.93	13.07	20.76	*	-
40	MAMMA1000477	3.29	5.76	7.67	2.77	2.69	3.84	2.99	1.75	1.93		
	MAMMA1000478	3.8	4.66	7.21	2.84	2.45	2.89	2.43	1.21	0.87	*	-
	MAMMA1000483	141.82	256.33	267.79	98.09	257.9	180.98	169.43	158.7	175.76		
	MAMMA1000490	11.74	16.92	30.01	11.37	13.37	11.4	15.98	7.97	17.05		
	MAMMA1000496	29.48	25.33	53.38	30.03	31.05	22.35	19.18	13.04	16.93		
	MAMMA1000500	4.21	8.78	19.16	2.1	8.22	5.73	7.01	0.97	6.78		
45	MAMMA1000501	3.3	3.92	7.8	5.4	3.37	3.89	2.1	0.03	4.12		
	MAMMA1000503	8.55	8.62	11.61	8.76	3.91	6.21	3.65	2.45	1.88	**	-
	MAMMA1000506	19.56	37.71	40.79	41.28	34.62	14.86	17.29	25.75	7.33		
	MAMMA1000510	6.43	9.68	12.68	8.8	8.42	5.47	7.38	4.77	5.1		
	MAMMA1000515	16.44	20.18	30.29	25.14	20.54	20.81	15.29	9.87	15.02		
	MAMMA1000516	5.05	38.96	14.92	3.26	5.69	7.88	10.33	1.91	1.96		
50	MAMMA1000522	27.99	43.17	68.38	38.83	18.51	22.66	24.89	20.61	23		
	MAMMA1000524	5.97	11.73	10.41	4.38	10.1	5.92	5.73	2.46	2.76	*	-
	MAMMA1000528	3.99	4.53	7.16	4.83	4.31	6.82	4.96	1.75	1.88		
	MAMMA1000534	20.75	20.93	19.83	14.18	15.4	10.89	14.95	12.85	11.39	**	-
	MAMMA1000541	7.6	8.83	11.36	1.44	4.17	2.11	2.2	1.84	1.98	**	-
	MAMMA1000550	2.63	1.99	8.54	2.03	3.94	1.32	3.32	0.71	2.83		
55	MAMMA1000556	761.19	1381.9	1153	543.64	1435.2	1032.9	1229.3	435.34	855.29		
	MAMMA1000559	6.09	5.3	11.69	2.67	3.19	2.37	2.27	0.81	3.09		
	MAMMA1000565	3.15	5.75	13.35	1.46	4.28	0.82	2.18	0.1	1.13		

Table 393

	MAMMA1000567	2.83	9.61	12.53	4.59	4.66	3.08	3.91	1.78	2.49			
	MAMMA1000576	14.4	23.94	41.43	6.77	7.53	16.66	14.73	20.93	24.41			
5	MAMMA1000582	342.62	404.06	589.09	206.24	397.1	307.2	196.5	234.99	295.12			
	MAMMA1000583	3.44	4.94	9.73	2.95	5.37	2.97	1.64	1.64	2.31			
	MAMMA1000585	10.36	9.76	14.3	7.6	6.3	4.54	9.1	4.55	7.57	*	-	
	MAMMA1000587	9.1	16.85	23.22	12.86	13.24	10.32	9.64	5.62	11			
	MAMMA1000591	24.67	34.19	52.67	17.16	22.85	23.65	15.05	11.26	16.03			
10	MAMMA1000594	25.66	32.59	51.71	40.6	49.12	36.4	18.51	9.64	20.88			
	MAMMA1000597	10.5	17.98	38.06	21.57	17.46	15.09	12.1	5.53	10.65			
	MAMMA1000605	8.03	8.9	14.02	3.22	4.68	8.25	3.07	3.06	5.3	*	-	
	MAMMA1000612	3.76	3.67	7.3	1.87	2.17	1.53	2.62	0.72	2.53			
	MAMMA1000614	8.91	9.36	17.48	7.74	5.34	6.31	7.11	2.55	5.61			
	MAMMA1000616	10.09	7	22.98	5.69	13.58	6.11	4.8	4.98	3.1			
15	MAMMA1000621	18.37	26.27	42.33	24.96	17.41	18.13	16.86	13.76	19.28			
	MAMMA1000623	5.51	4.72	11.4	2.5	4.83	2.59	2.52	1.82	1.65			
	MAMMA1000625	3.19	6.18	12.95	3.95	4.29	3.37	3.1	1.01	2.69			
	MAMMA1000635	3.08	4.28	9.79	5.68	3.5	2.91	2.33	0.32	2.12			
	MAMMA1000643	3.16	4.8	8.96	4.43	4.19	14.5	3.27	1.73	4.43			
	MAMMA1000646	53.05	63.8	128.68	68.06	63.84	78.26	48.7	34.2	32.4			
20	MAMMA1000652	7.49	6.59	12.24	7.34	7.8	10.34	5.92	2.92	1.26			
	MAMMA1000657	4.53	4.12	7.44	5.71	2.66	4.08	1.96	2.59	1.6	*	-	
	MAMMA1000664	18.71	22.51	38.34	17.17	14.96	16	10.64	12.09	11.81			
	MAMMA1000667	8.69	17.36	17.2	3.58	6.25	8.92	3.77	5.36	2.7	*	-	
	MAMMA1000668	23.14	46.99	61.08	27.38	33.9	32.87	41.85	23.92	33.78			
	MAMMA1000669	3.03	3.5	9.1	2.2	5.51	1.81	2.38	2.13	1.46			
25	MAMMA1000670	4.89	6.68	9.53	5.24	3.91	6.43	9.4	3.5	1.93			
	MAMMA1000672	127	118.39	232.08	362.26	175.38	245.8	112.44	89.34	106.16			
	MAMMA1000681	42.17	56.4	66.57	28.1	10.46	18.45	7.15	8.3	5.57	*	**	-
	MAMMA1000684	6.35	5.06	11.76	8.34	4.22	4.13	4.18	2.86	3.12			
	MAMMA1000696	7.53	9.04	16.29	12.54	11.44	15.76	4.16	3.21	5.89			
	MAMMA1000702	2.37	2.75	7.2	4.27	3.94	4.85	2.38	1.14	1.76			
30	MAMMA1000706	7.11	13.17	13.46	6.85	13.62	11.39	5.11	2.82	4.43	*	-	
	MAMMA1000707	5.79	9.88	8.46	5.04	7.37	7.72	4.37	2.73	5.56			
	MAMMA1000713	13.18	25.83	23.83	10.07	8.95	6.62	3.02	4.1	4.74	*	*	-
	MAMMA1000714	21.05	29.79	38.76	24.92	18.64	21.26	20.38	21.53	20.97			
	MAMMA1000718	7.11	5.26	13.51	4.07	3.72	3	2.71	1.31	2.37			
	MAMMA1000720	56.24	56.67	100.19	108.88	65.38	82.83	53.41	37.73	50.75			
35	MAMMA1000723	83.95	62.78	122.37	158.83	112.68	140.59	85.25	48.89	63.98			
	MAMMA1000731	13.21	20.89	24.92	19.74	19.6	18.49	13.07	8.64	14.74			
	MAMMA1000732	4.13	6	9.07	5.99	9.97	7.96	4.16	1.33	3.64			
	MAMMA1000733	12.22	18.56	20.77	15.57	15.03	11.37	17.6	9.79	15.79			
	MAMMA1000734	4.23	6.43	10.91	7.98	3.73	6.91	3.13	3.72	3.43			
	MAMMA1000735	4.58	4.07	5.19	5.1	2.18	3.84	1.49	1.8	2.72	**	-	
40	MAMMA1000738	27.47	31.39	43.2	35.52	27.09	30.72	11.08	15.85	19.91	*	-	
	MAMMA1000744	11.43	16.18	20.32	9.63	9.84	10.4	16.64	15.89	17.27			
	MAMMA1000746	5.14	6.4	11.37	3.9	6.11	4.85	2.11	2.43	3.5			
	MAMMA1000748	2.95	3.98	9.11	2.66	4.26	3.02	2.63	1.16	2.48			
	MAMMA1000751	3.53	4.94	7.73	2.22	4.21	3.15	2.53	1.56	2.63			
	MAMMA1000752	9.18	9.76	16.46	16.7	13	12.37	10.17	5.29	10.03			
45	MAMMA1000757	17.77	21.89	38.71	25.58	19.94	21.44	12.48	15.54	20.02			
	MAMMA1000760	6.79	10.56	9.64	3.73	4.03	3.96	1.97	4.15	4.68	*	*	-
	MAMMA1000761	4.06	4.2	7.68	1.53	2.88	3.67	1.98	1.33	1.45	*	-	
	MAMMA1000775	4.12	5.64	14.4	7.07	2.94	5.07	2.8	2.71	4.1			
	MAMMA1000776	26.15	27.77	36.92	48.47	26.15	33.74	22.66	12.7	18.46	*	-	
	MAMMA1000778	38.93	73.17	60.3	15.58	59.91	40.66	15.6	19.11	12.75	*	-	
50	MAMMA1000781	10.71	16.72	21.48	6.1	15.65	13.14	10.25	9.83	6.19			
	MAMMA1000782	5.28	6.96	8.31	4.59	9.33	5.12	3.95	1.7	2.78	*	-	
	MAMMA1000784	12.93	21.78	27.25	9.87	8.6	8.24	5.41	7.95	18.83	*	-	
	MAMMA1000783	14.83	19.2	21.42	14.77	17.9	16.09	9.03	8.51	18.38			
	MAMMA1000798	10.63	12.91	13.99	6.66	4.6	7.92	6.32	3.01	7.59	*	*	-
	MAMMA1000802	10.59	10.38	19.17	11.33	9.98	8.79	5.57	3.43	5.21	*	-	
55	MAMMA1000810	6.03	6.16	13.72	6.5	6.85	7.38	2.82	2.22	3.59			
	MAMMA1000813	22.11	37.42	37.78	16.99	20.99	20.43	27.71	18.27	23.96			
	MAMMA1000814	1.64	5.26	13.69	2.27	7.88	1.6	3.8	1.06	1.8			

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5	MAMMA1000824	52.75	82.46	54.98	22.75	86.37	46.11	53.27	21.38	20.22				
	MAMMA1000827	3.29	5.2	12.5	6.91	5.04	2.83	2.54	1.96	3.02				
	MAMMA1000831	31.08	35.42	39.96	20.36	22.38	25.87	17.52	21.92	26.79	*	*	-	-
	MAMMA1000838	4.58	6.92	8.85	2.9	2.71	3.02	3.13	2.4	1.8	*	*	-	-
	MAMMA1000839	4.7	5.1	9.24	1.82	2.67	4.2	2.02	1.34	1.48	*	*	-	-
	MAMMA1000841	4.43	2.78	9.96	2.71	2.83	2.07	3.01	0.81	2.24				
	MAMMA1000842	6.22	8.19	14.72	3.28	5.48	4.22	5.77	2.92	7.82				
10	MAMMA1000843	10.02	23.1	28.88	14.54	17.26	10.11	4.63	3.65	6.21	*		-	
	MAMMA1000845	2.57	2.89	10.34	0.88	3.81	2.04	1.66	1.53	3.4				
	MAMMA1000851	40.29	50.53	100.08	64.55	45.92	39.66	42.2	36.12	64.01				
	MAMMA1000854	3.86	5.86	8.12	2.91	1.76	3.56	1.11	0.53	1.24	*		-	
	MAMMA1000855	91.57	117.96	159.35	213.71	138.54	171.88	95.66	65.57	93.06				
	MAMMA1000856	3.13	2.69	5.73	1.9	1.05	2.66	1.82	0.46	1.81				
15	MAMMA1000859	3.59	5.65	10.37	1.76	1.83	1.2	3.38	1.09	1.24				
	MAMMA1000862	8.58	10.61	23.09	5.34	11.79	7.43	5.15	1.27	2.11				
	MAMMA1000863	17.14	20.47	45.55	14.36	24.31	16.09	24.81	12.68	16.34				
	MAMMA1000865	3.2	5.96	11.12	4.18	4.78	11.8	2.48	0	2.86				
	MAMMA1000867	12.55	18	37.97	18.03	16.36	15.97	9.25	8.53	14.8				
	MAMMA1000875	197.47	247.19	307.15	151.05	163.7	159.54	127.81	148.8	137.51	*	*	-	-
20	MAMMA1000876	4.29	6.54	6.75	2.84	2.75	3.43	2.51	1.58	2.61	*	*	-	-
	MAMMA1000877	2.84	3.61	4.96	2.05	1.13	1.68	2.93	0.77	2.2	*	*	-	-
	MAMMA1000878	5.22	9.31	15.62	6.72	6.36	5.06	10.1	4.12	5.11				
	MAMMA1000880	13.15	18.7	32.08	12.61	12.85	8.92	10.54	7.92	11.52				
	MAMMA1000881	6.97	11.85	26.23	10.06	11.84	7.67	8.29	6.16	7.32				
	MAMMA1000883	11.76	21.56	31.01	16.67	19.82	18.1	18.77	10.78	19.11				
25	MAMMA1000897	18.89	25.07	44.99	26.44	17.53	21.31	17.58	14.36	19.92				
	MAMMA1000898	4.54	4.74	8.26	5.15	4.11	4	3.9	1.83	1.2				
	MAMMA1000905	19.81	46.58	24.87	13.58	12.04	12.03	17.95	11.63	11.81				
	MAMMA1000906	13.7	9.74	18.2	5.83	6.94	4.39	4.39	2.34	1.82	*	*	-	-
	MAMMA1000908	8.3	13.83	18.11	10.1	14.32	5.63	5.09	3.21	3.69	*	*	-	-
	MAMMA1000911	13.12	16.04	26.46	13.81	12.11	7.57	12.29	5.96	12.25				
30	MAMMA1000914	2.41	3.47	11.09	1.11	2.25	1.29	1.59	0	0.87				
	MAMMA1000920	68.92	152.1	139.06	77.3	106.8	94.98	122.37	27.22	25.46				
	MAMMA1000921	3.68	5.93	12.67	7.11	6.12	6.97	3.45	2.44	2.92				
	MAMMA1000931	35.49	29.12	32.19	9.74	14.61	15.82	7.85	20.92	4.78	**	*	-	-
	MAMMA1000940	16.07	19.99	34.79	11.52	14.07	12.51	10.88	8.84	14.41				
	MAMMA1000941	36.94	28.9	55.32	14.85	46.69	25.1	44.15	31.17	20.09				
35	MAMMA1000942	19.99	18.82	58.05	28.3	25.6	20.38	16.91	16.31	24.51				
	MAMMA1000943	14.05	10.94	26.95	6.92	4.75	8.24	3.89	2.4	1.4	*		-	
	MAMMA1000952	3.98	5.7	16.6	3.37	4.97	3.51	7.54	1.89	3				
	MAMMA1000956	5.62	5.18	14.83	6.99	6.03	6.18	4.85	2.51	6.15				
	MAMMA1000957	0.61	0.47	2.13	0.38	0.27	1.52	0.16	0	0				
	MAMMA1000962	26.82	25.6	21.85	10.69	8.37	7.64	7.43	8.92	3.07	**	**	-	-
40	MAMMA1000966	13.96	15.32	18.62	3.18	4.77	5.42	5.48	5.55	2.07	**	**	-	-
	MAMMA1000968	3.82	3.17	8.04	2.19	4.04	1.69	2.56	0.98	1.54				
	MAMMA1000972	109.05	38.4	166	38.59	38.3	60.84	51.28	65.81	23.12				
	MAMMA1000973	4.24	3.6	8.43	1.16	3.43	2.39	3.18	1.23	1.88				
	MAMMA1000975	4.83	5.04	16.94	6.44	6.12	4.99	5.27	1.93	5.12				
	MAMMA1000976	10.4	12.69	31.13	7.88	10.7	11.37	8.68	4.42	4.88				
45	MAMMA1000979	15.33	18.37	49.49	29.29	22.41	26.44	15.03	8.9	16				
	MAMMA1000986	11.83	20.17	19.1	14.27	9.07	14.47	9.64	5.8	3.91	*		-	
	MAMMA1000987	35.85	39.55	84.06	67.43	62.8	61.8	46.73	25.89	38.89				
	MAMMA1000988	12.53	13.76	42.26	22.92	17.53	17.38	12.36	7.34	12.64				
	MAMMA1000994	6.93	10.09	26.01	16.14	13.54	12.99	6.56	3.79	6.83				
	MAMMA1000998	3.85	8.09	10.95	3.78	4.4	5.85	1.97	0.73	2.47	*		-	
50	MAMMA1001003	11.87	14.9	34.42	24.16	21.08	20.65	13.23	10.02	16.87				
	MAMMA1001007	4	4.13	6.2	3.14	6.73	3.28	4.14	1.49	4.79				
	MAMMA1001008	20.12	23.76	44.26	26.75	20.79	27.13	18.57	19.08	24.22				
	MAMMA1001013	9.3	12.99	14.08	13.97	3.4	7.56	6.85	5.46	5.5	*		-	
	MAMMA1001014	3.74	2.89	7.41	3.98	5.49	5.98	4.67	4.19	1.31				
	MAMMA1001021	58.82	76.19	93.74	67.98	54.85	51.75	72.35	45.95	58.5				
55	MAMMA1001024	88.7	92.15	131.2	139.16	94.51	99.4	87.98	68.05	106.24				
	MAMMA1001025	69.9	102.4	41.66	70.13	59.68	30.76	22.6	25.23	39.06				
	MAMMA1001028	80.18	111.56	110	73.96	84.44	72.45	97.15	91.69	100.75				

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	MAMMA1001030	7.4	11.72	12.89	11.66	7.79	10.11	7.28	6.15	7.3		
5	MAMMA1001035	39.22	53.03	74.6	50.1	27.34	38.76	23.51	31.74	38.44		
	MAMMA1001036	3.31	5.83	5.4	5.92	5.35	4.3	4.37	2.81	3.74		
	MAMMA1001037	24.23	31.03	53.22	27.23	25.26	31.34	28.91	17.23	25.45		
	MAMMA1001038	12.98	20.58	21.05	13.13	14.71	11.55	14.52	10.1	18.77		
	MAMMA1001041	1.54	2.15	5.75	4.24	4.69	7.8	3.02	1.22	2.08		
	MAMMA1001043	1.39	2.46	4.67	3.06	4.27	3.32	4.35	1.52	2.3		
10	MAMMA1001050	1.33	4.39	4.83	3.8	5.59	5.14	4.27	1.05	2.57		
	MAMMA1001054	19.75	24.03	50.38	32.02	21.79	27.11	13.83	16.21	20.46		
	MAMMA1001059	3.19	4.55	5.53	3.65	3.25	5.05	2.54	10.99	3.33		
	MAMMA1001066	5.02	4.16	8.84	5.66	2.95	3.72	1.82	2.25	3.08		
	MAMMA1001067	17.58	21.79	31.08	14.83	16.92	18.84	15.29	17.34	18.26		
	MAMMA1001072	2.53	1.88	3.3	1.93	1.68	2.41	2.3	1.25	2		
15	MAMMA1001073	0.84	2.27	6.85	1.01	1.41	5.24	0.75	4.07	1.61		
	MAMMA1001074	24.28	39.17	47.61	31.96	28.12	24.54	31.91	23.64	32.81		
	MAMMA1001075	1.48	5.48	8.44	3.99	4.91	2.99	2.44	2.09	3.72		
	MAMMA1001078	21.72	26.12	44.96	33.39	16.5	21.38	18.07	17.35	25.34		
	MAMMA1001080	12.04	17.72	15.6	14.26	12.06	16.7	6.39	6.97	11.08	*	
	MAMMA1001082	4.59	9.29	12.12	6.84	2.79	4.23	4.41	1.12	3.78		
20	MAMMA1001091	16.73	23.95	30.14	19.81	16.46	17.71	21.25	12.1	23.6		
	MAMMA1001092	7.81	11.13	15.6	7.44	8.17	6.28	7.18	4.54	7.68		
	MAMMA1001094	11.74	16.72	20.33	14.77	10.66	23.71	14.53	12.3	17.29		
	MAMMA1001105	45.26	57.55	66.73	41.25	47.01	32.75	30.09	24.22	28.58	*	
	MAMMA1001110	7.59	14.4	12.56	8.44	9.45	9.37	9.82	4.24	0.9		
	MAMMA1001126	37.56	44.85	64.49	49.13	34.88	37.49	24.63	36.31	49.73		
25	MAMMA1001133	5.76	9.31	8.87	3.28	3.01	4.08	2.64	5.37	6.55	*	
	MAMMA1001139	7.27	14.13	10.95	4.54	4.49	4.1	6.16	2.44	5.84	*	
	MAMMA1001141	6.69	8.3	15.1	2.9	4.24	4.06	2.47	2.3	5.32		
	MAMMA1001143	3.83	3.21	9.91	1.84	2.97	1.81	3.49	1.28	2.11		
	MAMMA1001145	2.22	12.54	14.95	2.6	3.58	6.73	2.4	2.76	3.58		
	MAMMA1001150	10.97	15.54	29.9	12.2	13.68	9.93	10.31	8.5	12.03		
30	MAMMA1001154	5.02	9.06	11.37	4.94	8.36	4.03	3.8	2.43	3.42		
	MAMMA1001159	6.91	7.68	15.13	5.63	3.35	4.72	2.34	2.78	4.72		
	MAMMA1001161	109.99	168.02	168.22	189.81	141.37	144.88	81.63	94.69	118.15		
	MAMMA1001162	7.19	5.58	7.65	7.64	5.6	5.96	4.02	2.29	5.78		
	MAMMA1001181	2.37	3.1	6.4	4.16	1.93	2.21	2.1	2.11	4.15		
	MAMMA1001186	3.02	2.01	9.14	2.7	2.02	2.05	2.34	0.77	3.58		
35	MAMMA1001189	17.92	24.89	44.3	19.97	22.86	16.26	24.9	14.32	18.92		
	MAMMA1001191	10.11	15.9	19.2	7.11	13.06	8.79	15.3	10.81	16.52		
	MAMMA1001198	4.68	8.28	11.96	3.49	7.28	5.15	6.52	2.84	2.49		
	MAMMA1001202	30.38	37.04	84.46	54.02	29.63	36.02	18.16	17.9	40.13		
	MAMMA1001203	8.99	12.77	20.34	10.56	11.45	9.96	10.07	8.3	11.49		
	MAMMA1001206	14.27	17.3	21.28	14.44	9.47	13.85	15.08	7.44	16.29		
40	MAMMA1001208	3.37	1.85	7.28	0.99	1.62	0.23	1.58	0.63	2.48		
	MAMMA1001215	12.57	20.58	26.01	4.39	17.55	6.44	10.98	8.12	6.27		
	MAMMA1001220	12.2	14.97	20.97	18.99	11.55	15.4	10.87	5.54	12.65		
	MAMMA1001222	13.14	15.27	54.43	12	15.72	10.61	17.61	13.51	15.3		
	MAMMA1001223	5.47	11.04	23.87	8.51	8.76	8.32	9.09	3.98	9.79		
	MAMMA1001232	5.9	6.27	10.44	10.05	4.68	7.4	3.45	2.12	5.89		
45	MAMMA1001234	78.47	62.1	106.68	104.09	22.14	88.22	44.43	81.83	25.73		
	MAMMA1001237	4.23	3.61	4.51	2.39	3.8	1.85	3.83	2.61	1.63	*	**
	MAMMA1001243	26.51	33.45	37.19	22.72	19.97	20.13	13.4	8.73	6.36		
	MAMMA1001244	3.29	3.23	5.47	2.05	2.81	0.99	2.32	0.99	1.85		
	MAMMA1001249	32.97	38.57	66.31	31.72	40.81	37.57	44.31	25.2	27.49		
	MAMMA1001256	13.8	15.37	22.1	10.86	16.44	20.14	15.27	12.69	11.49		
50	MAMMA1001259	3.58	4.73	9.83	2.71	2.66	1.74	5.81	0.4	3.31		
	MAMMA1001260	15.61	18.65	19.14	11.02	7.29	22.35	9.03	6.24	10.39	**	
	MAMMA1001262	8.3	48.53	16.27	15.78	7.11	6.47	9.48	5.41	7.71		
	MAMMA1001268	7.26	6.65	12.6	5.74	6.05	4.12	3.69	3.37	4.04	*	
	MAMMA1001271	4.99	4.56	6.83	2.12	3.55	3.26	4.68	2.4	2.94	*	**
	MAMMA1001274	197.38	283.08	348.26	54.68	91.98	70.74	33.35	19.31	25.39		
55	MAMMA1001280	10.76	14.33	28.14	10.36	11.35	10.7	14.52	8.71	14.89		
	MAMMA1001283	4.11	3.31	10.89	0.34	3.46	2.07	2.94	1.3	1.97		
	MAMMA1001284	6.24	6.15	16.76	7	6.77	4.3	3.05	1.61	4.29		

Table 396

5	MAMMA1001286	29.08	30.31	35.52	8.75	7.01	14.48	10.18	16.99	22.31	**	*	-	-
	MAMMA1001289	8.87	7.96	10.4	9.73	7.53	9	7.31	3.62	7.73				
	MAMMA1001292	24.97	44.07	66.54	9.34	36.59	35.11	13.77	28.43	10.4				
	MAMMA1001296	4	4.17	8.01	2.8	3.49	2.38	2.75	2.82	4.19				
10	MAMMA1001298	7.53	9.89	10.46	2.88	6.46	2.62	5.34	3.84	1.86	*	*	-	-
	MAMMA1001305	3.74	4.35	13.81	2.61	4.06	3.12	3.76	5.53	2.5				
	MAMMA1001309	10.42	15.14	31.52	12.87	13.99	9.19	10.23	3.68	9.96				
	MAMMA1001310	2.92	5.46	13.25	3.59	3.89	1.96	3.03	0.43	1.21				
	MAMMA1001322	2.17	2.64	6.93	3.3	2.91	2.5	1.12	1.37	2.03				
	MAMMA1001324	4.53	3.59	5.55	3.63	2.78	3	2.65	1.6	1.68	*		-	
	MAMMA1001330	4.9	5.1	12.68	7.84	4.19	4.82	3.36	2.64	3.18				
	MAMMA1001333	4.95	3.16	7.58	2.56	3.62	3.33	2.38	2.25	1.89				
15	MAMMA1001334	31.92	25.66	43.45	18.83	15.13	18.08	17.92	22.66	13.99	*		-	
	MAMMA1001337	4.26	3.84	13.74	3.62	4.64	5.34	4	3.29	3.16				
	MAMMA1001341	4.05	4.96	11.41	4.38	5.21	4.83	5.24	4.52	3.64				
	MAMMA1001343	2.73	5.65	10.8	3.22	4.68	4.2	3.94	1.64	3.95				
	MAMMA1001344	2.25	2.47	7.73	4.27	4.36	3.62	2.73	1.3	3.12				
	MAMMA1001346	5.84	6.71	17.37	10.65	9.35	8.33	6.74	3.26	6.06				
	MAMMA1001383	6.99	8.47	18.39	14.27	8.27	9.89	7.45	4.12	6.12				
	MAMMA1001388	25.28	28.84	63.23	32.5	23.98	25.52	24.7	25.15	17.69				
20	MAMMA1001396	15.94	20.37	30.49	14.54	24.62	26.46	14.45	46.08	11.25				
	MAMMA1001397	14.75	18.37	41.81	21.11	18.82	16.79	17.96	11.5	21.37				
	MAMMA1001401	2.94	3.12	6.56	1.21	2.62	3.02	2.46	0.76	2.89				
	MAMMA1001408	1.5	3.57	7.4	2.81	1.88	3.96	5.62	0.76	2.46				
	MAMMA1001411	6.08	3.93	9.81	9.46	6.06	8.29	3.36	4.18	4.81				
	MAMMA1001414	6.51	7.32	14.7	23.79	6.86	10.67	5.51	4.82	6.45				
	MAMMA1001415	3.95	8.97	8.68	5.52	5.96	8.18	6.06	2.79	4.69				
	MAMMA1001418	8.77	9.1	12.47	12.83	10.06	11.32	13.03	7.4	7.63				
25	MAMMA1001419	7.73	7.93	11.48	9.88	6.73	10.35	9.18	5.19	6.18				
	MAMMA1001420	5.14	4.76	6.97	10.23	6.22	6.56	5.34	3.95	4.64				
	MAMMA1001426	5.19	7.71	9.63	5.55	8.11	6.73	7.6	4.91	8.87				
	MAMMA1001428	3.64	3.18	7.92	6.62	3.95	5.99	3.35	1.43	3.18				
	MAMMA1001432	12.35	13.88	21.83	18.83	11.53	18.33	8.1	11.28	14.53				
	MAMMA1001435	20.05	30.02	44.24	21.04	23.96	21.39	14.97	14.52	16.51				
	MAMMA1001442	6.94	7.75	11.08	5.53	5.57	7.7	6.68	4.54	7.44				
	MAMMA1001446	26.48	31.11	44.32	20.63	23.27	24.39	8.85	5.14	8.85	**		-	
30	MAMMA1001450	11.55	15.7	15.65	12.27	11.07	10.5	14.48	8.46	14.95				
	MAMMA1001452	4.86	7.91	8.36	9.2	4.08	6.24	7.72	3.93	6.05				
	MAMMA1001465	8.92	12.52	15.39	11.83	13.04	10.87	16.92	7.42	13.06				
	MAMMA1001476	132.51	144.85	285.99	418.67	194.96	350.68	82.5	94.08	100.24				
	MAMMA1001478	18.64	21.54	45.82	21.72	20.69	19.34	14.71	16.9	28				
	MAMMA1001479	11.41	20.27	19.2	13.74	10.72	9.96	13.4	11.81	15.33				
	MAMMA1001487	48.7	29.91	87.89	41.22	44.32	54.61	29.8	35.15	13.96				
	MAMMA1001498	4.35	2.96	9.82	3.07	3.33	1.99	1.92	4.02	3.09				
40	MAMMA1001501	4	5.27	10.62	3.92	4.81	5.08	4.06	2.78	3.9				
	MAMMA1001502	3.5	3.68	8.07	3.61	4.35	4.14	3.43	1.95	7.01				
	MAMMA1001510	11.46	20.55	16.62	13.12	12.05	13.04	13.33	7.96	10.37				
	MAMMA1001522	4.88	10.87	13.99	8.11	4.33	5	2.46	3.78	5.04				
	MAMMA1001529	59.97	69.9	94.57	30.63	46.88	57.69	31.84	37.9	51.83	*		-	
	MAMMA1001532	28.38	37.51	51.46	23.78	26.52	23.49	26.6	24.11	41.98				
	MAMMA1001533	19.86	8.23	26.5	6.01	12.03	8.61	7.93	4.83	6.28				
	MAMMA1001534	11.45	13.72	20.66	6.58	8.79	8.61	9.6	5.71	8.05				
45	MAMMA1001535	10.07	15.11	17.7	7.42	8.38	7	2.75	2.21	3.48	*	**	-	-
	MAMMA1001547	5.79	10.79	16.77	6.18	7.64	6.73	7.59	4.04	7.84				
	MAMMA1001551	1.79	3.35	10.09	2.36	3.75	2.54	3.47	0.46	2.39				
	MAMMA1001569	5.44	7.64	12.53	5.97	3.18	5.89	2.71	3.74	6.78				
	MAMMA1001575	19.87	31.06	32.95	20.06	20.37	18.83	18.83	16.95	22.11				
	MAMMA1001576	4.97	13.68	9.34	4.55	6.26	3.49	1.76	5.49	4.16				
	MAMMA1001584	17.12	20.22	32.05	43.71	22.66	30.09	21.3	15.63	24.89				
	MAMMA1001586	3.44	2.63	9.42	2.75	2.52	1.44	2.63	0.98	2.02				
50	MAMMA1001590	4.74	3.32	9.43	0.65	2.72	2.98	5.93	1.26	2.67				
	MAMMA1001599	6.91	10.35	19.33	5.33	6.4	5.4	7.64	5.96	7.44				
	MAMMA1001600	12.56	24.27	25.25	10.57	15.9	13.61	21.16	12.02	17.72				
	MAMMA1001604	20.93	20.87	41.04	17.28	15.57	5.46	4.43	10.16	15.17				
55														

Table 397

	MAMMA1001606	37.25	38.33	44.14	13.41	26.09	29.22	7.5	16	15.16	*	**	-	-
	MAMMA1001609	2.18	4.53	5.97	1.87	1.39	1.8	4.17	2.27	1.51				
5	MAMMA1001614	10.91	17.85	21.09	12.42	12.51	13.02	16.85	9.92	19.29				
	MAMMA1001615	1.95	3.17	11.55	2.77	2.24	1.36	2.33	1.46	2.06				
	MAMMA1001619	11.51	16.15	15.55	6.34	13.88	8.59	8.19	7.08	5.14	*		-	
	MAMMA1001620	4.59	6.42	11.46	1.77	3.88	3.43	3.11	1.71	4				
	MAMMA1001623	46.36	31	53.81	63.16	42.72	47.15	31.15	25.06	25.66				
10	MAMMA1001626	23.59	24.5	38.75	33.26	30.12	18.9	7.93	11.89	22.41				
	MAMMA1001627	23.89	43.37	29.47	17.73	21.82	12.9	6.43	10	7.98				
	MAMMA1001630	9.27	13.78	11.56	7.25	5.63	6.82	2.81	4.06	2.66	*	**	-	-
	MAMMA1001633	3.1	2.16	7.03	2.23	2.28	2.16	0.8	0.79	2.49				
	MAMMA1001634	3.53	6.28	9.01	3.76	4.19	2.88	3.9	2.94	2.79				
	MAMMA1001635	3.28	4.64	15.97	2.28	2.56	1.53	6.22	1.65	2.6				
15	MAMMA1001649	3.05	5.72	15.55	3.26	4.9	2.56	4.26	1.39	3.94				
	MAMMA1001654	4.23	5.9	13.55	3.26	5.84	3.8	3.63	1.4	2.71				
	MAMMA1001660	39.09	42.24	88.43	56.56	52.47	44.31	41.47	39	60.86				
	MAMMA1001663	8.52	11.06	11.71	10.2	6.57	5.19	7.96	6.94	8.33				
	MAMMA1001670	5.91	7.75	6.72	4.07	2.57	5.22	5.32	3.26	4.27	*	*	-	-
	MAMMA1001671	56.61	62.54	66.07	56.8	37.97	53.72	50.14	43.96	58.96				
20	MAMMA1001679	6.69	13.86	10.25	4.05	5.47	3.58	4.46	7.43	6.03				
	MAMMA1001683	15.6	21.19	31.72	12.85	17.62	10.3	18.14	10.49	14.57				
	MAMMA1001686	4.11	3.45	11.77	4.66	4.36	4.4	4.89	1.58	2.59				
	MAMMA1001688	4.96	5.41	15.23	3.79	4.7	4.42	2.65	1.46	3.58				
	MAMMA1001689	28.44	25.89	32.18	7.85	17.39	15.22	8.44	8.89	20.79	*	*	-	-
	MAMMA1001692	5.97	3.79	10.24	3.42	9.67	3.1	3.28	4.26	5.93				
25	MAMMA1001711	4.75	4.66	8.45	3.21	3.28	2.22	2.67	8.04	0.88				
	MAMMA1001715	4.22	4.73	9.43	3.9	2.04	3.47	3.76	4.11	2.61				
	MAMMA1001730	3.39	2.22	8.02	1.72	1.43	1.79	1.71	1.46	1.86				
	MAMMA1001735	8.81	9.96	22.03	12.16	11.12	10.37	6.84	5.43	7.1				
	MAMMA1001740	2.28	4.25	11.56	2.64	4.24	1.86	2.43	1.41	3.14				
	MAMMA1001743	10.52	18.5	19.92	5.55	7.23	6.37	6.45	1.87	3.83	*	*	-	-
30	MAMMA1001744	4.59	3.07	5.75	3.86	4	4.16	2.05	2.19	3.63				
	MAMMA1001745	12.62	11.29	21.77	12.13	11.56	10.5	13.92	9.55	13.74				
	MAMMA1001751	11.11	8.28	15.68	3.47	4.56	3.38	2.93	2.2	1.66	*	*	-	-
	MAMMA1001752	5.63	3.02	9.77	2.83	5.25	2.56	2.97	2.42	0.97				
	MAMMA1001754	23.39	32.69	51.88	31.96	35.9	26.06	34.24	24.41	25.71				
	MAMMA1001757	5.44	8.41	15.4	4.99	7.7	6.28	7.54	3.86	5.12				
35	MAMMA1001760	2.58	5.03	10.84	4.07	3.09	11.35	3.87	1.47	1.67				
	MAMMA1001764	1.11	5.18	12.27	3.88	5.02	2.55	4.09	0.44	2.15				
	MAMMA1001767	3.1	2.25	5.04	3.83	2.36	7.31	2.64	1.02	1.81				
	MAMMA1001768	11.92	10.35	26.44	10.9	12.51	10.66	12.91	3.89	9.69				
	MAMMA1001769	14.67	15.11	32.18	14.99	14.79	13.17	17.74	10.66	13.05				
	MAMMA1001771	5.81	5.01	9.7	5.52	6.04	4.42	3.1	4.15	2.2				
40	MAMMA1001773	40.73	46.88	88.4	41.31	38.76	36.3	25.57	21.1	22.63				
	MAMMA1001778	15.44	10.48	54.31	14.07	14.31	18.11	19.19	12.85	7.66				
	MAMMA1001783	12.5	12.45	33.56	11.62	10.75	17.89	7.63	5.83	3.14				
	MAMMA1001785	4.08	3.99	8.35	2.35	3.38	3.07	3.75	1.41	2.66				
	MAMMA1001788	6.1	6.55	20.74	18.01	10.68	15.67	7.37	4.2	7.06				
	MAMMA1001790	1.31	0.72	1.87	1.36	1.35	1.32	1.67	0.59	1.36				
45	MAMMA1001800	2.19	1.86	2.06	3.44	3.43	3.44	1.48	0.44	1.31	**	*	+	-
	MAMMA1001804	9.74	13.74	26.09	23.09	17.83	16.06	15.63	9.04	8.32				
	MAMMA1001806	15.42	15.2	24.16	21.08	16.33	17.7	13.08	11.61	12.4				
	MAMMA1001812	2.66	2.87	5.53	5.25	2.56	2.24	1.76	1.16	2				
	MAMMA1001815	0.82	1.33	4.14	2.35	1.64	0.9	2.33	0	1.04				
	MAMMA1001817	7.15	8.39	26.7	8.84	11.15	9.35	10.6	5.97	8.95				
50	MAMMA1001818	11.74	18.24	23.68	11.92	10.04	13.23	8.57	10.06	9.02				
	MAMMA1001819	15.72	24.34	43.46	17.35	11.3	16.16	12.64	12.63	16.41				
	MAMMA1001820	22.82	19.64	37.64	42.37	24.16	31.98	15.13	16.66	19.01				
	MAMMA1001824	8.99	12.77	18.28	12.69	14.09	15.06	12.72	9.76	11.95				
	MAMMA1001832	7.22	10.73	12.96	9.65	7.55	9.34	6.24	4.93	7.88				
	MAMMA1001836	9.42	23.13	19.47	21.69	15.29	10.85	11.8	5.71	11.11				
55	MAMMA1001837	3.6	4.29	8.23	5.89	6.7	8.36	4.62	1.11	4.3				
	MAMMA1001848	16.38	27.46	23.83	25.7	38.67	49.58	24.68	13.45	27.7				
	MAMMA1001850	4.58	4.63	5.94	6.14	2.91	3.96	4.34	2.05	2				

Table 398

	MAMMA1001851	3.04	3.08	4.42	3.11	3.54	2.54	2.52	0.56	2.38		
	MAMMA1001852	4.14	3.26	11.19	3.61	3.33	5.4	1.88	2.12	2.02		
5	MAMMA1001854	1.51	2.81	6.9	2.87	1.88	2.16	2.29	1.4	2.53		
	MAMMA1001858	19.51	21.77	35.8	19.05	16.81	16.88	15.59	11.41	20.06		
	MAMMA1001864	13.26	17.9	34.07	19.43	19.24	16.98	19.91	10.97	23.39		
	MAMMA1001868	35.41	51.95	37.39	27.02	32.06	24.02	38.47	28.02	40.25		
	MAMMA1001874	10.43	12.98	12.56	15.09	16.33	15.06	13.47	8	7.34	*	+
10	MAMMA1001878	8.74	13.09	17.2	10.72	7.64	9.1	6.72	5.47	7.12		
	MAMMA1001880	4.07	4.26	5.15	5.16	2.51	4.87	2.76	4.1	3.13		
	MAMMA1001885	11.53	16.59	20.89	11.02	9.99	7.12	10.84	10.3	12.47		
	MAMMA1001890	18	26.55	27.35	18.41	24.49	18.88	18.85	18.1	22.42		
	MAMMA1001893	9.74	13.29	21.33	8.06	11.26	12.34	13.42	8.15	13.42		
	MAMMA1001901	5.91	10.54	9.81	6.07	8.49	8.27	5.4	3.05	2.51	*	-
15	MAMMA1001907	2.61	3.62	7.04	35.62	7.01	7.16	2.77	1.6	2.87		
	MAMMA1001908	8.52	7.37	12.33	6.04	6.79	5.83	5.18	1.69	2.73	*	-
	MAMMA1001919	28.87	31.67	48.08	80.53	41.26	66.58	17.81	21.06	28		
	MAMMA1001931	5.05	3.95	9.8	4.52	3.24	2.79	3.04	5.51	2.52		
	MAMMA1001937	14.26	19.97	17.05	11.88	9.67	16.46	11.3	11.49	14.97		
	MAMMA1001951	10.03	11.71	22.7	11.88	9.84	10.7	11.47	12.01	12.62		
20	MAMMA1001956	993.12	926.97	1643.3	1427.1	1487.9	1519.7	1062.9	902.24	975.35		
	MAMMA1001957	5.28	8.16	19.85	8.48	7.2	6.6	6.19	4.02	7.97		
	MAMMA1001960	4.45	5.22	11.99	3.94	5.66	4.15	4.01	2.89	2.74		
	MAMMA1001963	9.87	14.96	20.88	14.68	14.73	14.4	8.07	6	3.43		
	MAMMA1001969	11.23	14.81	19.75	14.09	10.96	16.21	10.31	8.8	19.07		
	MAMMA1001970	4.02	5.46	5.52	3.48	4.15	15.31	4.95	4.07	2.18		
25	MAMMA1001978	13.78	19.86	26.28	16.09	13.28	16.86	13.67	12.24	23.16		
	MAMMA1001992	6	4.83	12.16	2.11	5.12	11.04	3.79	2.55	5.99		
	MAMMA1001994	4.27	7.76	10.55	16.33	8.69	5.41	3.19	4.78	5.52		
	MAMMA1002008	2.62	3.39	13.27	3.37	3.96	2.92	2.97	2.86	1.68		
	MAMMA1002009	3.5	5.4	13.89	4.02	6.32	3.6	2.53	1.71	1.09		
	MAMMA1002011	3.21	3.57	5.26	2.05	5.5	3.92	2.9	2.56	2.89		
30	MAMMA1002022	23.41	32.84	43.13	18.55	24.01	20.69	18.94	17.16	21.03		
	MAMMA1002024	4.69	8.48	7.61	4.82	3.7	4.18	3.88	2.33	4.09		
	MAMMA1002032	22.72	24.3	34.55	17.1	16.95	18.46	20.89	15.73	25.86		
	MAMMA1002033	5.27	4.69	9.29	4.37	4.11	4.75	8.94	7.94	5.81		
	MAMMA1002041	6.92	11.13	16.18	4.7	5.73	4.73	2.24	3.33	5.35		
	MAMMA1002042	4.21	5.9	12.97	1.93	6.7	3.65	5.79	7.29	5.48		
35	MAMMA1002045	3.58	4.86	12.3	4.27	5.48	4.41	3.9	4.78	2.67		
	MAMMA1002047	6.8	7.34	9.55	7.31	12.68	11.46	8.75	3.44	4.92		
	MAMMA1002056	2.57	2.86	6.48	3.74	3.21	3.7	1.38	1.89	2.78		
	MAMMA1002058	12.8	12.32	19.01	10.51	10.24	9.8	10.2	7.07	10.6		
	MAMMA1002060	3.44	2.98	10.21	3.91	3.36	3.73	4.39	1.38	3.75		
	MAMMA1002065	5.77	6.94	12.55	3.81	3.34	3.54	3.78	2.53	2.66		
40	MAMMA1002068	5.43	5.26	11.94	2.41	4.51	4.09	4.21	2.57	4.68		
	MAMMA1002070	3.38	5.43	10.65	2.42	2.8	1.57	1.88	0.34	3.17		
	MAMMA1002078	3.03	3.94	12.3	1.63	3.98	2.25	2.32	1.3	2.65		
	MAMMA1002080	11.92	16.79	18.92	3	9.03	5.76	7.02	2.85	4.16	*	**
	MAMMA1002082	8.32	5.53	12.97	8.62	3.65	5.55	2.81	1.42	4.34		
	MAMMA1002084	5.95	5.89	9.82	6.01	4.3	5.5	3.1	3.76	3.18	*	-
45	MAMMA1002087	4.18	2.51	5.36	3.1	3.55	1.79	2.57	2.24	1.51		
	MAMMA1002091	4.77	6.45	9.77	6.57	5.69	2.84	2.82	2.99	2.11	*	-
	MAMMA1002093	7.77	50.44	12.78	4.52	8.15	3.8	10.66	4.49	6.61		
	MAMMA1002095	2.07	3	10.99	1.29	1.85	0.7	1.89	0.49	1.88		
	MAMMA1002108	11.08	15.62	32.13	20.98	14.76	19.73	14.58	13.23	20.21		
	MAMMA1002112	11.23	16.95	26.2	16.44	15.29	9.14	16.6	9.46	11.52		
50	MAMMA1002118	15.81	20.81	31.7	25.23	19.06	12.25	11.43	15.5	24.54		
	MAMMA1002119	10	9.39	20.1	14.99	8.54	8.01	7.06	7.05	10.3		
	MAMMA1002125	8.81	6.62	15.53	7.95	7.53	5	5.63	5.81	8.41		
	MAMMA1002126	38.45	22.62	47.44	8.75	23.38	14.29	26.49	8	13.65		
	MAMMA1002128	9.97	18.56	26.22	10.58	12.77	9.47	19.63	7.42	11.63		
	MAMMA1002132	6.21	7.25	34.7	5.61	8.67	4.88	6.36	3.29	9.25		
55	MAMMA1002140	16.11	29.14	22.82	11.98	12.1	5.91	9.18	3.59	4.66	*	*
	MAMMA1002142	3.45	5.23	11.28	4.42	6.67	3.75	4.53	0.93	3.45		
	MAMMA1002143	16.35	16.97	31.08	20.92	14.17	21.18	9.45	9.06	16.49		

Table 399

	MAMMA1002145	59.23	60.84	77.53	26.62	46.01	14.01	21.49	27.44	27.68	*	**	-	-
	MAMMA1002147	5.58	4.1	8.16	3.48	3.17	3.48	3.61	1.58	1.54				
5	MAMMA1002153	2.82	4.71	7.06	3.26	5.54	4.01	3.33	4.14	1.01				
	MAMMA1002155	2.48	3.25	10.86	2.89	3.23	2.81	4.53	1.33	2.05				
	MAMMA1002156	1.89	5.51	11.57	0.4	3.84	3.05	2.17	1.45	3.44				
	MAMMA1002158	31.98	68.42	55.01	8.28	17.41	13.99	16.74	7.42	4.4	*	*	-	-
	MAMMA1002164	1.74	3.48	10.17	3.33	5.39	3.9	5.07	0.22	3.21				
10	MAMMA1002165	14.96	21.57	31.25	20.06	14.73	17.78	14.07	10.69	17.29				
	MAMMA1002170	22.65	29.54	35.22	10.64	9.2	7.67	9.57	17.6	7.86	**	*	-	-
	MAMMA1002174	5.6	8.95	10.45	5.64	4.66	7.45	4.49	3.82	4.25		*		
	MAMMA1002175	51.5	30.74	138.92	91.4	93.51	53.96	49.64	44.62	29.88				
	MAMMA1002180	26.41	35.57	64.21	33.73	28.48	23.51	38.7	27.33	38.33				
	MAMMA1002198	37.99	80.63	138.79	18.29	47.55	46.05	13.24	10.75	8.83				
15	MAMMA1002205	15.14	20.56	52.79	21.27	16.14	13.46	24.47	10.14	16.64				
	MAMMA1002206	2.93	3.59	10.31	2.52	3.96	2.18	3.53	0.98	3.24				
	MAMMA1002209	183.5	268.42	348.13	282.08	352.1	269.26	189.69	127.24	124.82				
	MAMMA1002215	24.38	31.33	40.05	29.39	28.67	24.47	25.62	23.02	20.25				
	MAMMA1002219	2.71	0.94	3.73	1.84	2.07	2.08	0.86	0.6	1.35				
	MAMMA1002224	15.23	8.24	19.36	12.34	12.12	11.67	6.61	10.38	6.31				
20	MAMMA1002229	16.46	14.44	27.79	9.51	10.83	11.84	7.32	11.92	8.59				
	MAMMA1002230	22	37.1	57.12	14.15	20.28	20.13	22.25	15.46	15.8				
	MAMMA1002233	70.38	89.47	122.68	8.19	33.96	39.69	218.52	154.84	147.67	*	*	-	+
	MAMMA1002234	7.92	8.85	12.79	4.92	10.39	5.68	11.44	4.89	8.58				
	MAMMA1002236	136.07	148.16	220.88	36.8	57.62	87.11	34.48	55.67	55.33	*	*	-	-
	MAMMA1002243	20.02	20.33	38.87	38.33	25.12	25.3	21.56	17.63	24.13				
25	MAMMA1002250	2.68	3.81	6.67	5.79	2.6	4.11	4.54	2.26	2.04				
	MAMMA1002253	0.57	1.7	6.1	2.21	1.65	3.98	2.62	1.41	1.86				
	MAMMA1002267	9.29	9.06	17.68	10.28	11.75	12.03	8.49	4.34	11.22				
	MAMMA1002268	0.57	3.72	6.93	16.18	7.45	4.5	3.59	1.73	3.92				
	MAMMA1002269	1.7	2.24	4.35	2.97	8.98	8.51	2.83	1.4	3.35				
	MAMMA1002282	2.86	3.76	4.32	2.98	7.03	4.77	3.56	5.53	5.39				
30	MAMMA1002292	15.43	25.26	45.69	33.39	19.64	22.84	15.48	15.23	21.7				
	MAMMA1002293	3.2	3.94	4.4	4.2	3.49	3.24	3.79	4.35	3.43				
	MAMMA1002294	9.41	6.68	12.5	3.33	7.99	10.5	5.31	8.44	4.21				
	MAMMA1002297	5.35	6.59	11.35	7.95	7.71	8	2.76	2.6	3.09				
	MAMMA1002298	3.44	2.01	8.19	4.11	4.61	4.39	2.48	2.96	3.08				
	MAMMA1002299	2.99	4.55	14.53	7.08	6.73	6.49	4.69	0.99	4.04				
35	MAMMA1002308	5.47	9.33	18.02	10.01	8.02	7.61	7.23	3.03	7.9				
	MAMMA1002310	9.13	10.94	18.01	13.86	17.88	11.7	14.2	7.14	10.5				
	MAMMA1002311	10.67	15.07	18.09	4.83	5.07	6.09	1.95	3.51	2.65	*	**	-	-
	MAMMA1002312	30.9	42.06	49.45	34.33	28.66	29.57	22.98	30.71	35.68				
	MAMMA1002317	5.72	5.28	10.29	3.9	3.7	4.94	4.31	4.41	4.7				
	MAMMA1002319	11.12	14.39	20.39	9.58	9.59	6.6	12.89	13.6	13.85				
40	MAMMA1002322	2.09	3.24	7.26	1.71	2.86	1.28	1.75	1.09	1.05				
	MAMMA1002329	17.33	19.74	32.38	18.64	18.47	17.53	19	10.56	17.8				
	MAMMA1002332	2.58	4.23	6.84	4.89	4.12	2.94	2.37	0.43	2.61				
	MAMMA1002333	1.45	2.08	7.07	4.55	5.97	6.64	2.39	0.64	2.14				
	MAMMA1002335	12.65	18.48	23.72	7.59	6.81	10.8	3.17	6.12	8.64	*	*	-	-
	MAMMA1002339	7.58	15	19.05	10.2	7.54	10.35	7.33	10.1	11.23				
45	MAMMA1002347	10.15	21.39	24.74	8.5	9.44	11.14	10.35	10.5	16.39				
	MAMMA1002351	7.61	10.35	21.39	9.12	8.67	7.13	7.44	4.46	10.65				
	MAMMA1002352	3.96	6.91	9.29	4.01	3.84	4.53	2.75	1.39	5.61				
	MAMMA1002353	8.39	10.78	23.6	6.39	12.46	12.35	7.8	9.12	7.88				
	MAMMA1002355	25.93	29.71	53.72	28.58	30.76	23.64	29.82	21.55	27.08				
	MAMMA1002356	28.68	42.92	56.16	40.53	46.92	35.69	34.66	27.13	37.63				
50	MAMMA1002359	9.7	13.9	19.55	15.93	13.24	12.52	6.92	6.02	14.49				
	MAMMA1002360	85.31	125.75	125.12	50.2	80.78	78.44	18.48	22.03	30.83	**		-	
	MAMMA1002361	4.68	5.33	13.4	6.92	5.11	6.08	3.35	2.61	7.85				
	MAMMA1002362	4.53	5.8	12.93	6.01	7	5.37	5.23	3.68	7.06				
	MAMMA1002367	13.67	17.12	24.55	7.42	11.11	9.42	8.07	3.62	6.96	*		-	
	MAMMA1002371	2.82	3.35	9.8	0.89	2.2	2.61	2.45	2.44	1.99				
55	MAMMA1002380	7.87	13.26	17.64	9.95	9.26	6.58	10	7.71	10.46				
	MAMMA1002384	91.44	168.34	87.56	61.83	126.23	76.47	56.65	15.61	10.22	*		-	
	MAMMA1002385	2.04	1.77	7.54	5.82	2.53	3.4	1.44	1.54	1.62				

Table 400

	MAHMA1002390	16.21	20.25	27.48	13.4	13.61	14.48	13.02	8.71	18.23			
	MAHMA1002392	4.77	2.83	5.02	7.9	2.39	4.12	3.41	2.08	4.6			
5	MAHMA1002396	2.99	1.82	9.4	2.48	1.34	2.01	2.08	1.84	0.91			
	MAHMA1002399	9.87	15.29	24.4	2.74	8.91	5.25	5.52	3.6	3.73	*	*	-
	MAHMA1002400	72.48	90.25	98.09	48.92	68.69	49.07	35.95	25.31	45.88	*	**	-
	MAHMA1002409	6.49	9.18	17.47	3.97	6.52	4.36	5.84	1.59	5.43			
	MAHMA1002411	9.51	7.57	20.49	9.69	12.54	10.88	11.51	6.91	7.16			
10	MAHMA1002413	34.97	38.81	65.44	49.38	40.42	34.55	32.31	27.95	41.66			
	MAHMA1002417	36.82	49.91	68.59	44.18	31.29	40.31	29.78	24.72	27.25			
	MAHMA1002427	6.8	10.05	17.81	10.58	7.31	11.82	13	6.65	9.6			
	MAHMA1002428	5.09	6.45	11.72	5.54	5.32	4.74	5.8	2.19	4.39			
	MAHMA1002433	14.18	24.47	33.83	12.49	14.56	9.41	13.05	9.04	12.93			
	MAHMA1002434	4.26	3.86	13.18	2.12	3.76	2.95	4.67	2.76	3.7			
15	MAHMA1002446	8.39	8.67	27.55	10.82	15.66	10.5	11.46	8.07	9.95			
	MAHMA1002447	4.71	6.42	13.3	4.25	7.94	6.39	4.34	1.12	6.19			
	MAHMA1002454	3.91	4.62	7.05	7.12	5.04	6.67	4.66	2.3	3.21			
	MAHMA1002461	27.3	34.86	56	30.05	20.73	23.5	29.37	22.7	32.72			
	MAHMA1002463	9.24	10.49	15.67	10.5	6.07	6.24	8.27	4.83	7.57			
	MAHMA1002464	3.98	2.85	5.66	1.75	3.24	1.37	1.77	2.41	1.96			
20	MAHMA1002466	4.86	7.93	15.75	8.06	8.89	6.34	6.75	3.95	4.7			
	MAHMA1002470	4.68	6.3	14.57	5.95	13.1	4.89	3.64	2.83	3.84			
	MAHMA1002475	17.39	22.9	40.72	24.51	29.14	16.55	20.39	12.61	16			
	MAHMA1002480	51.48	94.76	100.05	63.97	58.87	37.35	60.56	13.3	33.46			
	MAHMA1002485	19.11	15.89	43.85	26.44	20.15	19.25	16.32	13.38	18.32			
	MAHMA1002494	22.86	28.77	50.5	24.3	23.02	18.38	23.12	24.83	27.28			
25	MAHMA1002498	5.27	2.99	4.95	1.99	2.08	1.95	2.18	0.89	1.64	*	*	-
	MAHMA1002524	11.96	11.09	24.02	7.72	7.78	5.46	10.41	6.02	6.07			
	MAHMA1002530	277.32	388.85	679.97	473.31	550.87	394.12	467.12	251.99	328.81			
	MAHMA1002538	1.65	4.73	10.72	1.52	2.62	2.66	2.05	0.61	2.49			
	MAHMA1002545	2.59	2.37	13.88	1.77	4.03	1.39	1.68	0.09	1.93			
30	MAHMA1002554	115.83	185.59	273.08	258.19	207.86	207.1	180.88	93.96	83.88			
	MAHMA1002556	4.03	6.04	7.54	5.06	3.68	5.28	2.7	3.76	3.11			
	MAHMA1002561	15.67	18.37	24.06	5.72	9.69	8.96	6.7	7.18	2.52	*	**	-
	MAHMA1002565	20.13	19.37	64.78	24.22	20.52	19.19	20.48	14.5	21.19			
	MAHMA1002566	5.49	3.26	6.28	2.19	3.2	3.17	4.16	1.97	2.42			
	MAHMA1002571	12.97	18.44	36.1	16.95	12.11	12.28	16.66	10	13.05			
	MAHMA1002573	4.02	5.04	11.33	1.38	3.48	2.19	3.22	1.15	2.21			
35	MAHMA1002576	13.78	23.79	37.39	16.06	19.72	15.28	13.9	8.77	10.92			
	MAHMA1002584	9.21	12.39	27.02	16.71	13.29	9.15	13.96	6.48	12.24			
	MAHMA1002585	6.36	5.36	13.56	11.07	9.12	8.7	7.18	4.4	6.71			
	MAHMA1002586	21.75	21.37	47.64	26.29	19.9	20.88	19.88	14.32	18.17			
	MAHMA1002589	31.16	39.3	81.02	35.29	36.93	32.17	47.24	33.3	29.17			
	MAHMA1002590	8.65	6.16	15.55	9.32	8.84	9.26	5.06	3.24	4.01			
40	MAHMA1002593	8.47	7.53	30	8.1	8.37	7.45	8.63	8.66	8.47			
	MAHMA1002597	11.34	16.94	30.07	13.1	12.76	11.04	12.91	7.38	12.5			
	MAHMA1002598	9.23	11.39	26.12	15.11	13.9	10.6	14.04	4.47	10.54			
	MAHMA1002603	7.01	8.63	19.81	9.42	12.79	9.69	13.58	3.61	8.05			
	MAHMA1002612	0.64	0.54	1.4	4.76	2.04	2.86	2.1	0	0.92			
	MAHMA1002617	1.99	2.39	4.19	2.19	2.2	2.69	2.8	1.84	1.34			
45	MAHMA1002618	16.06	18.63	46.52	25.87	25.59	22.23	19.52	10.7	17.56			
	MAHMA1002619	7.62	6.62	18.84	13.61	11.83	8.5	6.72	6.93	5.26			
	MAHMA1002622	3.06	2.72	4.49	4.32	2.96	14.63	2.48	0.95	1.91			
	MAHMA1002623	2.38	2.14	3.99	2.64	2.39	1.68	1.62	0	1.12			
	MAHMA1002625	158.57	183.87	332.03	71.22	106.04	287.72	518.89	291.59	178.62			
	MAHMA1002627	6.48	11.48	14.86	11.21	19	9.56	12.93	6.03	9.03			
50	MAHMA1002629	20.19	19.33	33.94	25.61	18.48	21.46	13.72	14.18	19.09			
	MAHMA1002631	4.6	4.73	9.76	3.98	2.11	3.82	1.12	0.35	1.47	*		-
	MAHMA1002633	64.26	68.26	104.49	122.15	95.76	107.58	86.41	60.3	67.07			
	MAHMA1002636	30.48	34.84	49.63	34.43	30.9	28.96	42.01	28.77	46.58			
	MAHMA1002637	2.95	5.14	7.06	4.15	3.68	2.57	4.18	1.82	4.8			
	MAHMA1002646	3.86	4.18	6.8	3.4	4.56	2.51	2.73	1.37	2.49			
55	MAHMA1002648	136.47	120.19	147.15	150.69	135.33	106.16	124.23	86.88	146.01			
	MAHMA1002650	1.26	1.85	1.15	1.67	0.72	1.64	0.26	0.46	0.54	*		-
	MAHMA1002652	32.12	44.28	46.88	48.41	32.58	36.9	24.05	25.91	28.22	*		-

Table 401

	MAMMA1002655	11.4	14.99	17.9	15.12	13.04	14.83	12.19	8.95	8.53			
	MAMMA1002662	6.09	7.03	11.38	9.76	5.9	8.37	9.45	4.05	7.02			
5	MAMMA1002665	45.5	69.25	89.49	54.25	62.78	56.03	66.39	47.78	71.4			
	MAMMA1002671	18.2	21.13	33.24	18.58	22.22	20.8	25.58	15.85	14.12			
	MAMMA1002673	11.32	15.65	15.97	11.87	13.24	9.54	13.67	9.79	13.55			
	MAMMA1002684	12.93	20.62	16.77	15.69	20.34	11.67	14.21	4.61	5.68			
	MAMMA1002685	5.98	5.53	9.57	4.13	4.23	3.62	3.38	2.66	3.46	*	*	-
	MAMMA1002692	8.9	8.42	9.87	7.25	7.35	7.75	2.28	5.77	1.68	*	*	-
10	MAMMA1002693	9.54	10.93	23.31	11.25	9.77	9.02	7.69	7.85	6.66			
	MAMMA1002698	6.28	7.75	12.56	8.05	7.51	8.6	5.96	6.56	6.22			
	MAMMA1002699	5.33	9.37	9.52	5.1	10.31	6.85	7.2	5.75	6.86			
	MAMMA1002701	26.1	32.61	44.74	24.49	33.98	29.72	36.76	18.9	37.16			
	MAMMA1002708	10.78	13.98	19.02	10.41	15.42	12.16	15.37	13.13	12.91			
	MAMMA1002711	14.75	23.34	34.41	24.21	29.1	25.59	25.28	14.17	20.72			
15	MAMMA1002712	11.97	12.21	14.44	7.62	10.08	13.25	6.69	8.26	7.29	**	*	-
	MAMMA1002716	4.68	7.56	7.57	4.77	4.14	4.42	3.66	3.97	3.59	*	*	-
	MAMMA1002721	14.39	14.75	20.55	11.28	10.99	13.97	10.36	11.19	14.35			
	MAMMA1002723	7.42	10.89	16.39	7.15	8.24	4.7	4.46	4.93	6.1			
	MAMMA1002727	5.86	7.13	17.65	5.65	6.92	6.82	4.72	3.49	6.01			
20	MAMMA1002728	203.39	279.55	292.72	297.21	297.38	218.05	240.28	159.35	257.9	**	**	-
	MAMMA1002742	14.02	17.19	15.98	10.59	10.28	10.18	5.71	6.31	6.17			
	MAMMA1002743	13.89	22.29	19.83	22.11	23.47	15.54	12.39	9.78	3.07			
	MAMMA1002744	41.83	52.92	97.53	82.43	49.67	62.65	35.95	33.09	52.81			
	MAMMA1002746	1.97	3.26	4.93	1.96	3.41	2.27	2.78	1.33	2.98			
	MAMMA1002748	7.49	8.51	12.58	5.49	4.9	6.1	6.53	3.04	7			
25	MAMMA1002754	14.85	17.76	22.12	11.35	12.08	11.06	11.12	5.72	16.48	*	*	-
	MAMMA1002758	3.59	1.64	11.4	2.56	2.22	2.31	1.99	1.02	1.03			
	MAMMA1002762	132.2	159.47	185.48	173.16	185.47	170.91	152.23	100.87	138.71			
	MAMMA1002764	11.39	16.4	28.38	10.76	16.28	13.47	14.81	9.65	13.58			
	MAMMA1002765	7.34	7.13	16.56	5.42	10.33	6.06	7.41	3.51	6.05			
	MAMMA1002769	10.29	13.85	24.43	5.77	11.7	10.08	4.64	4.85	10.59			
30	MAMMA1002771	3.01	3.94	5.73	4.17	3.21	3.23	5.9	1.8	2.75			
	MAMMA1002775	37.45	33.73	58.09	84.46	48.03	62.49	34.89	23.26	53.34			
	MAMMA1002780	5.07	6.15	6.67	4.47	3.43	3.09	4.23	2.8	2.68	*	*	-
	MAMMA1002782	5.1	4.96	13.58	4.26	5.86	4.79	6.17	2.83	4.75			
	MAMMA1002795	4.5	6.79	10.64	2.77	4.7	2.89	3.8	0.29	3.67			
	MAMMA1002796	5.84	10.22	11.38	3.51	7	2.99	1.75	1.74	3.7	*	*	-
35	MAMMA1002805	7.95	9.3	18.26	5.36	11.22	10.66	9.08	3.61	6.4			
	MAMMA1002806	3.62	2.38	6.89	3.71	4.26	2.36	4.15	0.61	2.13			
	MAMMA1002807	18.13	22.17	39.72	27.6	21.23	23.03	24.44	17.51	32.38			
	MAMMA1002814	44.71	48.76	77.02	44.68	36.22	39.5	45.03	34.09	60.73			
	MAMMA1002817	3.99	4.65	7.4	2.69	1.42	2.37	1.9	1.38	3.31	*	*	-
	MAMMA1002820	8.85	7.77	12.62	4.45	5.02	3.82	4.58	3.34	5.96	*	*	-
40	MAMMA1002830	214.03	277.57	281.23	229.96	268.12	260.12	256.75	84.59	195.17			
	MAMMA1002833	35.45	43.35	56.35	30.19	48.83	31.33	58.07	31.41	58.94			
	MAMMA1002835	2.83	4.62	14.15	2.49	4.86	1.91	2.5	0.14	2.49			
	MAMMA1002836	11.11	14.42	31.43	18.22	13.58	15.03	12.7	4.89	21.91			
	MAMMA1002842	18.2	19.62	33.31	21.65	17.53	15.65	18.5	8.81	13.46			
	MAMMA1002843	8.38	8.96	10.43	6.56	6.63	6.17	6.89	4.51	5.73	*	*	-
45	MAMMA1002844	7.03	7.49	9.64	4.13	4.73	3.32	3.78	1.87	4.09	*	*	-
	MAMMA1002845	2.68	3.31	8.62	2.22	3.45	1.79	1.92	0.92	2.1			
	MAMMA1002857	706.2	952.23	1146	1100.2	1170.5	914.39	1224.8	597.31	410.7			
	MAMMA1002858	2294.5	2940.8	1870.4	2372.6	1763.7	1167.7	3253.7	1423.1	844.59			
	MAMMA1002863	7.34	6.7	14.07	6.73	7.47	6.7	10.22	2.68	6.73			
	MAMMA1002868	37.22	42.58	112.8	66.03	44.4	46.77	34.24	23.46	47.24			
50	MAMMA1002869	27.07	27.29	44.22	74.9	47.13	42.55	24.18	21.4	25.44			
	MAMMA1002871	14.38	15.38	24.35	3.88	5.79	4.67	3.41	1.65	2.57	*	**	-
	MAMMA1002875	10.61	9.93	8.16	4.59	5.33	3.55	2.05	0.93	2.17	**	**	-
	MAMMA1002879	85.9	153.46	165.38	90.95	121.6	91.59	134.87	73.22	108.93			
	MAMMA1002880	3.99	4.47	13.13	3.43	2.59	1.91	2.37	0	2.3			
	MAMMA1002881	8.75	7.92	17.49	5.86	8.28	6.29	10.75	4.45	6.2			
55	MAMMA1002885	3.52	4.77	10.68	3.3	3.4	4.24	2.69	0.63	2.73			
	MAMMA1002886	26.73	26.24	71.16	37.73	28.68	31.72	26.26	17.17	36.38			
	MAMMA1002887	4.31	6.26	14.8	6.26	3.45	6.36	3.77	1.7	3.28			

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	MAHMA1002890	11.31	9.48	18.16	8.56	8.49	19.82	9.15	5.95	8.48		
	MAHMA1002892	13.36	11.62	14.89	12.15	11.02	9.05	7.92	7.62	11.8		
5	MAHMA1002893	8.64	14.35	13.28	7.89	13.97	5.96	10.13	7.23	1.86		
	MAHMA1002895	3.34	5.32	14.4	3.46	5.81	1.87	4.28	2.34	3.5		
	MAHMA1002898	4.08	5.01	17.31	2.16	5.01	1.78	3.17	0.38	2.02		
	MAHMA1002905	4	11.4	20	7.75	8.82	9.71	6.71	1.7	4.46		
	MAHMA1002906	2.68	1.92	5.05	4.09	2.8	3.58	1.97	0.54	1.64		
10	MAHMA1002908	14.98	16.18	26.75	12.12	15.62	14.31	16.05	8.69	18.72		
	MAHMA1002909	30.34	34.63	68.19	28.69	18.89	22.65	34.89	20.01	32.36		
	MAHMA1002918	13	10.64	27.29	16.01	18.07	12.45	12.7	8.75	10.42		
	MAHMA1002925	49.1	23.96	62.42	27.59	36.92	32.28	67.91	43.67	13.09		
	MAHMA1002926	25.41	28.93	57.26	38.61	37.53	35.54	28.57	14.19	28.89		
	MAHMA1002930	27	34.75	73.56	25.58	25.59	23.42	47.23	26.24	37.21		
15	MAHMA1002937	65.34	59.27	78.68	106.43	76.67	71.14	57.91	26.1	50.41		
	MAHMA1002938	1.94	2.84	7.68	5.03	4.18	4.4	2.05	0.91	2.65		
	MAHMA1002941	7.09	6.07	17.41	12.34	8.56	8.04	6.56	3.92	5.66		
	MAHMA1002947	16.06	20.72	33.43	32.88	25.81	27	19.39	13.57	20.15		
	MAHMA1002964	14.52	21.96	48.58	29.27	22.13	24.66	18.71	13.88	18.49		
	MAHMA1002967	6.96	4.19	15.96	5.47	7.15	5.12	3.82	5.07	4.36		
20	MAHMA1002970	16.09	29.77	65.22	27.91	25.08	19.79	28.99	12.64	23.95		
	MAHMA1002971	4.02	4.7	8.35	3.51	4.7	2.27	5.82	2.89	2.46		
	MAHMA1002972	3.94	3.63	9.75	6.43	4.91	5.11	4.27	0.9	3.28		
	MAHMA1002973	20.96	22.17	31	24.13	16.86	22.18	16.66	11.21	13.84	*	-
	MAHMA1002979	129.92	194.32	219.31	151.08	71.59	113.43	55.53	74.31	23.22	*	-
	MAHMA1002982	2.18	1.25	7.22	2.29	3.22	3.34	5.33	0.9	3.23		
25	MAHMA1002987	10.35	12.2	15.88	9.6	9.29	9.6	13.48	8.42	11.93		
	MAHMA1003003	10.92	12.48	21.55	9.72	10.82	10.86	12.69	9.52	10.22		
	MAHMA1003004	9.35	12	11.41	6.36	11.7	10.34	9.34	4.84	8.09	*	-
	MAHMA1003007	5.35	7.51	8.39	5.22	6.88	6.35	8.36	3.78	6.7		
	MAHMA1003011	3.33	3.62	5.57	4.14	2.91	4.01	2.44	1.93	2.62		
	MAHMA1003013	52.58	50.01	73.47	127.57	69.44	113.36	42.21	37.2	47.45		
30	MAHMA1003015	4.4	9.22	10.22	6.68	9.17	6.66	6.79	4.74	5.08		
	MAHMA1003019	6	3.52	10.72	6.3	3.92	5.12	4.27	1.82	2.44		
	MAHMA1003020	9.29	17.63	21.88	11.76	13.24	12.14	9.04	4.99	7.31		
	MAHMA1003026	2.19	2.41	7.93	1.47	3.27	2.09	1.98	0.75	2.98		
	MAHMA1003031	12.83	17.1	23.06	9.93	17.27	14.35	13.73	7.28	15.8		
	MAHMA1003033	7.59	11.58	13.88	6.87	12.75	8.45	8.32	3.56	9.08		
35	MAHMA1003035	14.44	18.88	35.58	17.37	11.86	13.06	6.41	9.44	10.62		
	MAHMA1003039	5.57	9.4	15.11	7.17	7.63	9.67	4.3	4.16	6.95		
	MAHMA1003040	22.42	25.75	39.61	22.72	19.76	23.47	30.8	25.19	32.64		
	MAHMA1003044	23.58	26.13	43.98	21.92	18.68	21.85	23.01	22.17	23.66		
	MAHMA1003047	25.89	30.87	33.12	18.34	23.66	19.64	30.18	18.74	28.8	*	-
	MAHMA1003049	2.33	2.17	8.04	1.08	1.14	1.06	1.63	0.08	1.3		
40	MAHMA1003055	17.22	25.14	35.08	23.45	17.28	15.29	23.26	16.76	22.03		
	MAHMA1003056	1.24	3.89	8.92	1.85	1.6	1.77	4.37	0	1.6		
	MAHMA1003057	7.01	11.35	14.1	7.31	6.88	7.83	3.86	5.43	8.7		
	MAHMA1003066	16.42	21.28	30.29	14.08	16.97	16.54	12.01	11.17	25.5		
	MAHMA1003075	6.07	7.85	12.07	6.85	6.1	6.14	7.15	5.26	7.72		
	MAHMA1003089	37.69	44.94	70.13	31.56	35.51	31.8	38.3	22.85	38.78		
45	MAHMA1003092	2.7	6.77	9.29	2.59	2.39	2.86	1.65	0.84	2.49		
	MAHMA1003095	11.71	16.36	22.28	5.96	7.13	4.55	3.24	2.25	2.45	*	*
	MAHMA1003099	12.83	14.7	25.29	10.89	15.86	9.22	14.89	11.45	12.15		
	MAHMA1003102	3.77	5.08	9.09	1.68	4.54	2.6	2.97	0.85	1.92		
	MAHMA1003104	2.23	3.23	4.66	5.3	4.9	4.18	1.01	1.61	4.75		
	MAHMA1003113	12.38	25.98	27.12	11.65	17.89	10.18	7.19	8.58	13.27		
50	MAHMA1003126	20.48	25.06	25.6	15.4	13.83	15.96	10.44	8.97	17.98	**	*
	MAHMA1003127	11.67	12.89	22.02	11.38	12.69	10.66	9.71	8.8	11.4		
	MAHMA1003131	8.9	14.73	17.42	6.88	7.18	8.51	7.06	3.18	4.59	*	-
	MAHMA1003135	3.06	2.9	10.48	1.24	2.69	1.3	3	1.87	1.55		
	MAHMA1003140	5.46	6.32	15.55	2.89	4.63	3.63	3.24	3.7	5.1		
	MAHMA1003146	4.31	6.5	9.12	2.65	6.5	3.58	4.41	3.82	3.28		
55	MAHMA1003150	4.32	7.47	10.56	5.78	4.99	3.76	3.2	3.41	5.87		
	MAHMA1003154	2.93	3.77	5.99	2.37	2.94	2.85	2.68	0.86	2.1		
	MAHMA1003155	35.26	33.7	28.41	18.29	14.13	13.99	27.83	12.47	20.55	**	-

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	MAHMA1003157	9.8	11.92	16.49	8.35	7.14	7	5.32	5.07	5.53	*	-
	MAHMA1003163	6.69	5.07	11.11	7.07	6.08	5.54	2.67	4.3	4.05		
5	MAHMA1003164	9.65	8.42	12.05	4.3	5.95	3.77	2.65	1.16	3.38	*	-
	MAHMA1003166	13.16	17.5	21.96	14.35	15.87	10.73	8.74	5.62	7.88	*	-
	NB9N31000010	22.17	30.34	35	8.06	26.76	14.32	17.42	5.42	10.61	*	-
	NB9N31000016	6.11	10.91	22.1	11.04	8.39	6.1	4.87	1.93	11.92		
	NB9N31000043	10.01	15.51	20.02	13.55	11.04	7.12	6.17	3.99	7.07	*	-
10	NB9N31000045	170.84	205.1	142.2	172.26	138.41	173.74	84.94	88.64	18.56	*	-
	NB9N31000054	36.72	46.14	51.85	45.82	42.67	36.97	50.28	31.68	29.41		
	NB9N31000076	7.95	11.11	16	8.53	7.69	7.72	11.59	4.88	6.85		
	NB9N31000086	4.15	2.68	11.91	2.36	4	2.05	3.15	0.81	2.03		
	NT2RM1000001	7.05	9.84	23.41	7.46	11.26	6.73	9.81	4.19	5.49		
	NT2RM1000018	6.2	11.24	12.18	4.32	8.37	5.02	4.96	1.12	2.49	*	-
15	NT2RM1000032	6.17	20.65	14.02	3.2	3.21	6.55	7.1	3.44	6.93		
	NT2RM1000035	5.32	12.32	11.65	5.42	4.73	4.54	3.82	4.31	2.73		
	NT2RM1000037	6.94	9.49	8.81	3.59	2.53	4.32	3.57	2.25	1.49	**	-
	NT2RM1000039	17.35	20.78	18.95	11.31	10.08	7.38	8.83	5.7	8.35	**	-
	NT2RM1000042	285.1	504.24	359.39	438.78	386.15	125.88	306.06	229.38	295.8		
	NT2RM1000055	3.2	5.45	10.27	2.35	2.5	0.71	3.16	1.31	1.79		
20	NT2RM1000059	6.89	5.26	12.3	2.6	4.12	1.14	3.74	1.4	3.81		
	NT2RM1000062	3.25	17.72	14.57	2.77	4.02	2.38	6.97	0.66	3.27		
	NT2RM1000065	129.93	146.35	187.39	51.11	120.84	109.9	91.66	120.6	204.01		
	NT2RM1000066	8.15	10.03	11.93	3.29	5.25	5.44	3.51	4.17	3.47	*	-
	NT2RM1000071	663.12	662.77	828.24	110.41	580.78	259.28	351.73	417.5	139.33	*	-
25	NT2RM1000080	24.34	23.12	24.37	3.56	11.29	8.21	9.27	5.24	4.03	**	-
	NT2RM1000086	10.86	12.97	11.53	2.83	5.32	3.9	5.64	4.4	2.88	**	-
	NT2RM1000092	20.13	29.95	35.15	36.08	29.43	24.61	19.3	14.65	20.49		
	NT2RM1000118	1.37	1.52	9.04	0	0.67	0	0.36	0	0.79		
	NT2RM1000119	1.84	9.53	13.52	3.77	3.18	2.59	3.62	0	1.09		
	NT2RM1000121	4.53	3.89	4.67	2.15	3.4	5.49	1.08	0.78	1.77	**	-
	NT2RM1000122	12.06	9.02	14.76	4.72	5.56	4.77	3.17	7.39	6.45	*	-
30	NT2RM1000127	4.86	3.09	8.85	2.65	2.99	2.48	1.52	1.46	1.57		
	NT2RM1000131	2.61	0.69	3.44	0.91	1.56	0.43	1.25	0.9	1.02		
	NT2RM1000132	14.01	8.86	18.39	14.15	9.4	7.78	17.49	15	6.09		
	NT2RM1000153	5.01	3.78	14.31	1.42	4.08	2.81	5.68	1.59	2.53		
	NT2RM1000184	281.4	361.08	212.97	228.94	161.22	121.63	212.54	317.63	41.9		
35	NT2RM1000186	2.47	4.7	12.56	1.93	2.64	2.03	5.08	0.92	2.79		
	NT2RM1000187	13.51	16.82	27.58	4.35	7.1	11.13	3.58	3.22	6.78	*	-
	NT2RM1000199	2.37	2.51	5.33	3.1	3.18	3.27	2.76	0.66	1.97		
	NT2RM1000213	14.38	13.17	27	9.3	8.17	9.61	8.4	3.99	3.63		
	NT2RM1000215	127.65	93.55	105.56	47	125.55	90	93.27	92.32	37.71		
	NT2RM1000218	17.5	12.81	37.21	8.7	7.66	13.12	12.93	9.58	4.51		
	NT2RM1000224	38.8	21.38	99.03	21.96	23.06	30.11	56.22	41.03	10.49		
40	NT2RM1000236	128.23	106.27	224.67	36.44	158.46	117.76	233.25	180.75	49.09		
	NT2RM1000242	0.21	0.74	2.56	0	1.12	0	0.56	0	0.76		
	NT2RM1000244	7.07	7.69	14.14	11.09	6.96	9.63	3.01	2.46	3.87	*	-
	NT2RM1000252	3.63	3.86	6.34	5.75	3.24	4.11	5.02	2.57	2.44		
	NT2RM1000256	13.89	13.11	17.86	12.49	12.19	15.55	9.96	9.49	3.8	*	-
	NT2RM1000257	7.26	4.79	22.28	12.27	7.82	12.93	3.88	4.6	1.41		
45	NT2RM1000260	44.37	50.35	69.11	33.91	47.16	50.17	26.8	25.27	25.69	*	-
	NT2RM1000269	4.48	3.66	6.5	3.35	3.23	4.63	2.09	1.54	1.92	*	-
	NT2RM1000271	2.07	1.72	5.77	1.75	2.06	0.52	0.83	0.09	0.38		
	NT2RM1000272	93.8	125.17	184.07	85.39	186.36	110.41	166.71	67.77	97.63		
	NT2RM1000273	44.49	55.95	63.71	32.07	31.24	23.66	15.32	26.55	33.94	*	-
	NT2RM1000274	455.63	719.55	944.44	916.81	390.33	402.82	570.68	746.39	848.53	*	-
50	NT2RM1000280	6.37	12.22	16.78	15.15	6.91	15.12	10.36	3.5	4.59		
	NT2RM1000295	0.98	1.35	3.23	1.46	0.9	2.46	0.9	0.93	3.62		
	NT2RM1000300	6.74	6.95	12.1	10.61	8.44	10.7	5.89	3.63	7.13		
	NT2RM1000304	737.86	1023.4	718.47	1038.7	1097.8	469.75	946.67	780.24	888.74		
	NT2RM1000314	4.57	4.01	6.01	3.26	3.98	4.08	4.92	1.32	3.56		
	NT2RM1000318	421.37	294.99	289.4	315.7	574.37	386.7	448.45	209.13	302.89		
55	NT2RM1000335	11.96	11.64	18.91	9.64	8.09	12	6.06	5.29	8.48	*	-
	NT2RM1000341	1.84	1.67	2.31	1.53	0.88	0.82	1.64	0.39	2.21	*	-
	NT2RM1000350	8.91	10.88	13.15	11.12	8.93	9.83	7.57	4.14	7.11	*	-

Table 404

	NT2RM1000354	0.4	1.68	2.48	0.51	1.02	0.95	0.87	0.21	0.21			
	NT2RM1000355	18.03	21.12	26.82	24.57	24.38	11.58	16.5	8.01	13.65			
5	NT2RM1000361	2.57	1.81	2.89	1.57	3.04	3.2	2.49	0.23	2.67			
	NT2RM1000365	0.53	2.31	3.79	0	3.39	1.9	2.3	0	1			
	NT2RM1000372	55.88	63.08	56.77	80.59	90.54	75.31	135.63	66.87	19.91	**	+	
	NT2RM1000377	29.22	32.95	43.33	46.89	24.42	30.81	18.03	18.61	14.45	*	-	
	NT2RM1000388	3.72	3.27	4.82	4.15	1.73	3.91	2.28	2.59	2.31	*	-	
10	NT2RM1000394	1.56	1.31	3.56	1.15	0.93	0.79	1.9	2.42	1.43			
	NT2RM1000399	5.42	3.53	8.67	4.2	3.61	3.12	6.84	2.24	2.92			
	NT2RM1000407	1.68	1.87	7.64	2.01	1.44	1.69	2.06	1.13	3.04			
	NT2RM1000421	0.74	0.94	3.14	1.35	1.14	2	1.61	0	0.06			
	NT2RM1000422	134.24	176.38	156.33	143.97	232.16	154.32	116.71	110.46	75.99	*	-	
	NT2RM1000430	4.06	4.21	6.87	5.11	7.78	3.82	6.49	1.64	1.64			
15	NT2RM1000462	17.49	21.49	23.94	21.57	15.84	20.24	13.6	12.18	18.48			
	NT2RM1000499	11.77	14.5	12.66	4.08	5.8	6.16	2.2	2.63	4.58	**	*	-
	NT2RM1000512	50.79	65.54	89.54	15.65	74.29	59.09	19.69	52.23	56.59			
	NT2RM1000519	108.54	108.15	106.36	60.23	134.25	94.69	58.45	58.56	60.96	**	-	
	NT2RM1000527	51.37	48.34	68.1	100.86	64	65.36	54.81	19.74	44.25			
	NT2RM1000539	19.83	27.84	33.74	35.02	28.56	31.96	16.52	8.8	16.69			
20	NT2RM1000542	2.91	2.41	11.46	0.76	1.72	0.95	1.66	0.17	0.24			
	NT2RM1000553	49.27	35.57	63.05	73.97	60.28	58.45	40.5	24.9	19.69			
	NT2RM1000555	85.13	121.39	124.03	87.28	76.76	74.83	41.33	57.49	77.7	*	-	
	NT2RM1000558	26.75	25.54	23.49	36.55	31.73	36.63	21.2	19.34	35.09	**	+	
	NT2RM1000563	9.05	10.86	14.09	10.89	9.42	9.24	7.48	6.52	10.32			
	NT2RM1000566	6.73	8.38	15.32	6.55	8.24	9.4	8.98	6.08	9.24			
25	NT2RM1000570	125.7	201.18	105.25	41.82	195.51	106.3	185	132.56	153.14			
	NT2RM1000571	50.08	74.69	65.76	14.46	84.43	39.98	43.45	24.14	6.89	*	-	
	NT2RM1000574	2.53	1.65	9.83	1.89	3.52	1.98	1.99	0.19	1.58			
	NT2RM1000580	7.86	7.46	8.12	4.52	12.24	4.74	8.38	3.22	4.57			
	NT2RM1000620	22.3	25.58	42.74	35.73	32.55	28.94	25.27	21.57	27.34			
	NT2RM1000623	1.13	1.82	2.51	0.54	0.62	1.17	0.35	0.18	1.57			
30	NT2RM1000630	3.11	2.76	5.89	2.21	1.76	2.12	2.49	0.75	1.9			
	NT2RM1000633	91.32	89.84	117.97	56.97	108.85	75.65	98.88	107.05	51.97			
	NT2RM1000634	11.16	13.34	24.68	9.79	14.73	9.21	12.08	6.93	12.7			
	NT2RM1000642	12.72	15.83	20.12	6.07	8.95	6.42	3.63	2.38	4.98	*	*	-
	NT2RM1000647	58.32	165.39	134.62	67.85	112.06	61.29	71.96	52.24	87.23			
	NT2RM1000648	7.26	13.24	8.89	5.57	12.68	6.6	14.52	3.49	7.15			
35	NT2RM1000650	6.62	9.44	9.46	2.83	6.47	6.87	3.69	5.63	4.1	*	-	
	NT2RM1000661	15.88	18.26	26.1	21.53	19.01	24.34	8.08	7.55	8.54	*	-	
	NT2RM1000666	1.96	1.18	6.92	1.86	1.52	1.45	0.88	0.27	0.92			
	NT2RM1000669	17.26	18.78	20.02	4.09	4.91	3.69	2.13	1.18	2.17	**	*	-
	NT2RM1000672	13.67	18.24	42.69	19.37	17.89	17.56	7.45	2.82	5.99			
	NT2RM1000681	9.08	16.58	18.31	9.41	17.68	12.92	13.31	5.99	9.03			
40	NT2RM1000691	4.68	7.55	17.93	4	7.1	7.03	5.99	3.47	5.58			
	NT2RM1000698	12.42	13.98	20.53	4.92	32.5	5.23	15.99	3.16	6.38			
	NT2RM1000699	5.67	7.09	9.09	7.34	5.78	7.37	2.45	1.86	3.56	*	-	
	NT2RM1000702	25.96	30.69	39.69	30.16	23.23	32.77	24.6	18.35	22.21			
	NT2RM1000703	32.53	88.64	53.23	36.64	56.43	43.04	42.73	50.17	17.73			
	NT2RM1000704	43.17	84	45.95	47.88	42.53	19.03	39.69	25.24	10.87			
45	NT2RM1000726	5.67	6.22	17.4	3.29	4.23	3.21	4.45	0.93	1.78			
	NT2RM1000731	21.17	21.67	40.88	23.29	32.82	14.51	24.97	11.69	10.31			
	NT2RM1000741	3.88	5.18	10.63	4.4	7.39	2.14	6.17	0	1.39			
	NT2RM1000742	28.88	28.51	36.7	38.75	29.44	32.74	34.48	36.03	27.02			
	NT2RM1000744	18.57	21.62	27.17	23.44	20.36	17.29	20.61	18.9	23.17			
50	NT2RM1000746	7.85	8.11	11.72	4.17	4.62	5.27	5.53	3.03	1.14	*	*	-
	NT2RM1000747	30.16	38.37	65.95	28.71	33.95	34.03	30.94	18.08	23.76			
	NT2RM1000752	6.43	11.58	14.15	3.61	7.68	5.76	4.96	2.69	4.73			
	NT2RM1000767	82.05	87.93	86.38	98.35	104.39	73.49	112.1	59.62	78.42			
	NT2RM1000770	9.08	11.59	19.18	5.23	6.92	2.95	3.61	2.19	4.43	*	-	
	NT2RM1000772	0.81	1.85	7.5	1.21	3.6	1.86	2.53	0	2.7			
	NT2RM1000779	107.98	131.01	176.51	63.61	94.24	109.72	76.84	69.35	114.65			
55	NT2RM1000780	6.52	7.85	9.21	2.66	6.05	5.1	2.74	1.38	1.99	**	-	
	NT2RM1000781	6.79	4.22	8.28	1.5	2.8	0.61	2.07	1.26	0.75	*	*	-
	NT2RM1000789	63.83	77.27	95.07	93.46	102.47	101.3	60.5	47.17	81.09			

Table 405

	NT2RM1000800	8.8	11.31	17.21	5.12	7.9	6.45	6.62	2.19	3.3	*	-
	NT2RM1000802	37.09	50.36	74.58	36.6	34.84	28.86	14.15	4.56	9.84	*	-
5	NT2RM1000811	12.36	9.86	24.52	8.71	10.02	9.58	14.12	5.95	8.7		
	NT2RM1000826	30.88	47.18	81.3	44.32	50.77	35.09	43.27	14.54	16.43		
	NT2RM1000829	19.85	28.15	42.49	15.46	18.32	22.11	18.5	10.73	22.04		
	NT2RM1000831	641.62	637.04	913.82	275.83	388.75	407.08	509.83	541.98	267.92	*	-
	NT2RM1000833	131.01	121.94	243.56	117.55	172.46	143.86	179.55	110.44	138.22		
	NT2RM1000834	26.33	24.31	2.89	0	0.65	2.02	26.66	20.39	19.97		
10	NT2RM1000841	24.25	46.24	73.12	11.51	14.12	14.5	18.59	16.34	8.01		
	NT2RM1000848	14.13	26.98	37.82	13	21.43	18.99	20.71	11.34	13.28		
	NT2RM1000850	24.68	26.73	36.64	21.15	32.91	25.01	46.02	20.2	29.9		
	NT2RM1000852	13.97	15.95	23.78	18.75	27.94	15.23	31.21	18.1	21.46		
	NT2RM1000853	4.2	3.72	6.66	7.37	4.53	5.05	3.89	2.23	2.94		
	NT2RM1000855	68.98	71.69	82.2	36.85	37.1	51.79	74.89	42.55	21.65	**	-
15	NT2RM1000857	18.68	28.42	44.59	21.2	21.59	23.12	20.54	14.01	19.44		
	NT2RM1000858	19.44	18.6	24.07	17.38	13.26	16.79	12.93	7.9	10.41	*	-
	NT2RM1000867	47.06	39.97	81.53	51.39	22.67	30.69	24.25	41.66	28.02		
	NT2RM1000874	15.53	21.9	42.18	11.95	15.55	12.17	9.14	4.05	6.39		
	NT2RM1000882	8.95	14.01	25.71	7.66	9.72	9.63	17.06	6.72	11.92		
20	NT2RM1000883	14.26	11.55	31.41	10.17	21.02	6.37	28.25	10.83	25.46	**	**
	NT2RM1000885	24.96	25.3	31.55	8.98	10.57	16.46	9.36	11.69	11.59	**	-
	NT2RM1000893	28.28	40.4	46.33	35.83	16.57	27.75	26.99	25.66	21.62	**	-
	NT2RM1000894	11.16	14.78	12.12	9.67	5.22	9.03	7.62	4.24	5.7	**	-
	NT2RM1000898	16.49	18.47	21.09	20.98	15.98	15.23	9.37	6.69	9.26	**	-
	NT2RM1000899	5.15	4.63	7.57	5.14	7.26	5.6	4.73	2.38	2.79		
25	NT2RM1000905	294.53	321.81	294.85	264.7	213.45	208.71	204.71	142.52	169.18	*	**
	NT2RM1000910	73.69	67.82	69.43	87.95	125.51	72.31	61.51	49.51	44.37	*	-
	NT2RM1000914	51.65	67.13	49.73	46.16	55.8	39.43	58.15	38.24	73.81		
	NT2RM1000919	31.63	34.55	49.42	11.97	21.16	18.78	16.17	26.42	28.42	*	-
	NT2RM1000921	6.87	9.33	11.95	7.94	8.86	8.21	8.17	4.59	6.66		
	NT2RM1000922	13.29	8.81	21.03	4.57	14.42	11.98	8.29	7.63	6.27		
30	NT2RM1000924	4.71	2.79	7.57	4.61	10.85	2.89	2.79	1.75	0.64		
	NT2RM1000927	6.24	8.21	11.68	5.06	6.28	6.3	9.48	6.11	7.76		
	NT2RM1000951	43.38	31.87	51.83	47.29	42.21	49.1	23.28	12.15	25.07	*	-
	NT2RM1000956	14.05	17.39	13.26	12.15	19.17	13.5	7.97	3.02	6.22	**	-
	NT2RM1000960	27.19	36.09	41.59	49.18	53.65	39.11	40.71	16.46	20.8		
	NT2RM1000961	31.7	37.01	55	10.53	21.75	21.52	13.1	26.97	26.19	*	-
35	NT2RM1000962	27.85	38.63	33.9	11.13	12.72	11.99	4.23	8.24	8.72	**	**
	NT2RM1000973	43.5	24.74	82.26	40.71	70.49	56.15	24.22	34.19	11.88		
	NT2RM1000978	0.68	0.64	4.81	0	0.42	0.84	0.61	2.06	0.63		
	NT2RM1000982	16.77	17.99	20.27	10.66	18.58	11.05	7.48	6.36	6.54	**	-
	NT2RM1000991	7.55	12.77	12.19	10.81	11.04	11.17	5.79	6.02	8.13		
	NT2RM1000994	39.31	47	23.95	9.37	52.07	40.12	12.98	9.18	11.27	*	-
40	NT2RM1001002	32.74	42.78	50.1	43.61	48.24	33.17	37.45	15.22	13.9		
	NT2RM1001003	22.14	23.85	35.08	16.55	19.31	27.31	8.71	13.75	14.54	*	-
	NT2RM1001008	2.98	2.17	4.26	1.07	1.49	2.65	1.82	2.32	1.41		
	NT2RM1001011	24.49	19.42	39.5	9.16	16.59	21.83	7.1	5.35	13.23	*	-
	NT2RM1001013	7.58	6.4	15.54	3.26	7.12	6.38	8.21	10.22	6.35		
	NT2RM1001017	2.99	2.36	7.63	0.68	1.65	2.36	1.32	0	2.89		
45	NT2RM1001018	389.38	678.69	541.36	131	345.59	266.19	206.53	225.12	141.21	*	-
	NT2RM1001026	7.53	12.1	18.29	9.07	8.15	5.48	3.88	1.52	2.01	*	-
	NT2RM1001028	4.9	7.17	9.41	6.47	12.06	5.7	11.7	4.86	5.5		
	NT2RM1001043	26.98	28.41	30.47	32.28	26.93	18.1	7.33	9.19	17.19	**	-
	NT2RM1001044	13.61	15.79	12.73	5.11	11.55	9.29	6.83	6	8.45	**	-
	NT2RM1001059	17.62	17.16	21.39	29.41	18.53	17.53	21.59	10.53	22.05		
50	NT2RM1001063	4.42	2.79	10.14	1.51	2.68	1.95	3.55	2.61	2.37		
	NT2RM1001066	5.44	6.05	11.22	3.97	4.37	2.62	5.3	2.25	4.68		
	NT2RM1001072	2.1	2.09	9.94	0.59	2.67	1.88	2.14	0.14	1.84		
	NT2RM1001074	4.98	10.47	11.14	5.42	6.47	3.23	4.47	1.73	1.4	*	-
	NT2RM1001076	7.28	10.41	10.61	10.91	16.92	6.26	16.73	6.71	6.46		
	NT2RM1001082	15.79	21.18	26.04	16.26	13.72	10.05	11.58	9.75	14.56		
55	NT2RM1001086	1.82	1.24	5.39	0.21	0.47	1.19	1.3	0.55	1.17		
	NT2RM1001092	38.97	56.81	56.39	54.52	49.61	49.24	59.76	48.35	50.33		
	NT2RM1001102	10.61	9.79	17.74	9.01	8	8.42	8.99	8.26	5.92		

Table 406

	NT2RM1001103	12.11	14.64	19.71	7.84	12.92	9.54	14.04	7.04	13.96				
	NT2RM1001105	4.22	7.99	12.4	1.52	4.66	3.36	1.61	1.94	3.34				
5	NT2RM1001112	5.26	6.44	10.76	4.28	9.37	3.52	5.38	1.59	3.46				
	NT2RM1001115	7.42	6.2	16.09	7.99	9.99	7.63	6.92	3.96	3.94				
	NT2RM1001122	13.95	16.42	25.8	14.65	15.41	13.67	7.73	7.37	13.09				
	NT2RM1001136	4.38	9.14	8.72	2.16	2.27	3.09	2.35	0.89	0.34	*	*	-	-
	NT2RM1001139	10.44	16.1	18.58	8.95	9.3	8.97	8.52	6.5	7.34	*	*	-	-
10	NT2RM2000003	3.68	3.81	8.36	4.11	1.99	1.48	3.39	1.06	1.76				
	NT2RM2000006	19.96	26.87	32.42	17.36	19.88	13.64	34.18	15.67	16.17				
	NT2RM2000010	13.11	32.27	43.36	20.14	26.86	16.98	10.37	4.84	2.67				
	NT2RM2000013	111.85	65.82	177.02	150.21	118.48	155.88	73.81	57	69.05				
	NT2RM2000030	47.5	43.12	78.78	78.26	63.56	52.76	55.62	28.2	43.38				
	NT2RM2000032	27.93	34.32	46.51	34.09	25.35	35.27	22.38	22.42	18.15				
15	NT2RM2000039	15.44	18.82	11.91	10.78	6.19	11.58	11	10.28	4.44				
	NT2RM2000042	22.91	29.95	35.12	39.39	23.39	35.58	21.42	15.87	21.82				
	NT2RM2000092	3.58	4.4	7.65	2.5	2.61	1.79	2.27	5.17	2.19				
	NT2RM2000093	9.7	29.83	14.41	14.47	18.41	7.29	12.45	10.38	11.19				
	NT2RM2000101	92.12	99.66	118.62	114.91	128.83	118.95	69.62	52.13	78.59	*	*	-	-
	NT2RM2000104	62.95	69.41	129.33	110.95	90.54	74.09	72.52	52.94	63.78				
20	NT2RM2000124	8.36	13.36	22.64	10.6	20.3	10.85	19.19	7.38	15.25				
	NT2RM2000159	8.61	19.1	14.45	7.85	7.12	5.48	4.06	1.65	4.16	*	*	-	-
	NT2RM2000191	45.98	51.15	77.89	79.82	71.61	59.62	35.22	25.83	44.53				
	NT2RM2000192	4.72	2.97	6.83	2.91	2.72	2.95	2.76	1.61	1.47				
	NT2RM2000239	13.1	14.91	17.36	3.56	5.21	3.86	9.92	3.36	2.39	**	*	-	-
	NT2RM2000241	10.79	19.6	19.09	8.89	13.98	6.49	11.46	3.01	8.51				
25	NT2RM2000250	5.15	5.11	16.92	5.37	6.41	3.58	6.45	1.4	5.59				
	NT2RM2000259	7.84	17.03	22.56	4.92	6.83	6.63	8.62	2.03	2.42				
	NT2RM2000260	9.47	10.65	9.59	4.97	5.31	6.44	6.43	4.5	4.7	**	**	-	-
	NT2RM2000265	1.13	1.27	5.15	0.34	1.13	1.33	1.14	0	0.82				
	NT2RM2000287	47.66	55.1	96.28	31.39	36.17	31.93	36.1	33.17	17.11				
	NT2RM2000306	66.48	31.19	72.95	23.2	54.18	20.2	25.43	22.47	8.61				
30	NT2RM2000312	32.44	17.61	49.51	8.46	13.33	15.12	25.48	21.27	10.02				
	NT2RM2000322	7.99	8.33	16.54	4.19	5.04	3.2	3.47	0.77	1.48				
	NT2RM2000343	85.23	93.06	177.62	122.74	138.14	108.3	83.09	46.31	57.15				
	NT2RM2000359	6.22	10.59	23.8	9.56	9.52	5.13	12.03	2.74	6.22				
	NT2RM2000362	121.28	140.62	246.7	173.62	223.63	249.97	108	78.11	121.29				
	NT2RM2000363	3.84	6.52	9.96	6.57	3.72	4.83	5.89	2.02	2.82				
35	NT2RM2000368	26.44	19.81	43.02	11.49	11.34	10.46	8.57	3.39	3.24	*	*	-	-
	NT2RM2000371	547.25	508.14	752.99	148.13	425.69	273.34	355.28	228.93	135.68	*	*	-	-
	NT2RM2000374	12.96	13.63	33.5	14.47	12.05	8.49	18.75	11.86	10.92				
	NT2RM2000387	30.78	60.24	91.33	10.11	11.64	24.36	10.29	9.16	3.11	*	*	-	-
	NT2RM2000391	10.16	9.5	18.93	3.77	7.23	5.64	6.78	3.44	2.74				
	NT2RM2000395	3.42	4.7	7.68	4.26	7.48	3.65	6.98	2.09	2.77				
40	NT2RM2000402	19.66	22.97	34.41	26.49	10.93	25.33	8.72	3.41	2.72	*	*	-	-
	NT2RM2000405	3.7	3.95	7.31	4.5	3.17	3.25	3.78	1.94	0.68				
	NT2RM2000407	6.18	7.05	11.03	8.23	7.83	7.22	4.36	3.58	3.42	*	*	-	-
	NT2RM2000410	6.69	5.24	14.77	10.81	8.59	8.57	4.92	7	5.39				
	NT2RM2000420	12.46	12.68	20.53	7.85	6.53	12.68	7.69	6.33	9.37				
	NT2RM2000422	13.42	17.5	14.12	8.88	9.58	15.24	10	8.21	5.9	*	*	-	-
45	NT2RM2000423	15.54	22.01	50.31	29.73	23.33	19.31	31.02	12.98	24.15				
	NT2RM2000452	3.39	4.23	12.53	5.47	7.75	4.42	5.91	1.75	4.57				
	NT2RM2000469	3.15	2.51	7.63	7.05	2.6	1.83	2.99	3.89	3.38				
	NT2RM2000490	12.63	13.33	17.91	18.49	9.81	12.7	9.63	10.71	10.64				
	NT2RM2000497	6.31	3.98	9.54	8.32	2.31	5.44	4.36	6.15	6.13				
	NT2RM2000502	7.65	10.01	17.15	15.2	7.83	12.64	18.37	19.29	16.37				
50	NT2RM2000504	8.62	13.61	12.8	14.35	8.61	11.65	11.39	5.05	12.11				
	NT2RM2000514	3.24	4.13	6.05	5.11	2.16	2.21	3.1	2.79	1.66				
	NT2RM2000522	0.79	1.87	2.28	5.66	1.51	1.86	2.44	0.56	1.28				
	NT2RM2000540	36.37	16.56	24.89	25.09	10.1	17.62	15.11	17.92	16.53				
	NT2RM2000565	10.96	7.91	19.23	7.94	6.73	6.21	4.49	7.85	6.72				
	NT2RM2000566	35.88	29.95	48.96	40.83	31.02	33.77	42.8	32.01	34.75				
55	NT2RM2000567	5.01	5.28	9.14	7.2	2.55	2.31	2.41	4.02	2.26				
	NT2RM2000589	11.75	12.7	16.59	10.42	10.16	8.54	12.04	11.54	10.63				
	NT2RM2000577	23.09	36.16	46.55	20.42	16.61	17.63	9.65	9.61	18.29	*	*	-	-

Table 407

	NT2RM2000581	16.64	23.76	26.4	16.81	10.83	8.04	10.45	10.74	12.79	*	-
	NT2RM2000582	34.62	16.91	29.03	32.54	12.57	23.96	20.07	22	22.14		
5	NT2RM2000588	206.96	155.13	213.15	202.22	154.41	234.16	169.86	193.16	204.6	*	-
	NT2RM2000589	21.73	20.45	25.51	21.73	16.89	13.34	11.8	15.99	14.79	*	-
	NT2RM2000594	3.88	3.97	9.16	5.31	1.87	1.58	2.08	3.22	2.03		
	NT2RM2000599	23.9	37.43	42.86	41.55	34.51	20.59	19.28	20.01	29.72		
	NT2RM2000609	11.28	11.34	20.18	17.86	7.32	5.53	10.38	8.31	8.85		
	NT2RM2000612	12.76	13.34	15.09	12.28	9.14	7.94	10.91	11.84	11.22	*	-
10	NT2RM2000622	141.09	153.93	193.67	159.94	144.1	158.9	186.97	168.17	180.75		
	NT2RM2000623	10.1	4.92	12.51	17.89	6.76	12.96	6.19	8.79	10.66		
	NT2RM2000624	40.95	32.48	53.61	29.49	39.42	24.44	20.09	35.85	21.95		
	NT2RM2000632	4.22	16.93	13.59	10.55	4.72	5.77	3.71	9.75	42.27		
	NT2RM2000635	17.3	14.29	24.16	11.9	11.44	7.82	6.12	9.2	22.13		
	NT2RM2000636	8.64	6.1	10.92	8.1	4.79	4.03	4.23	7.12	5.02		
15	NT2RM2000639	12.38	11.39	15.28	10.66	6.59	7.7	5.72	6.03	7.49	*	**
	NT2RM2000649	21.7	22.5	30.17	18.52	14.23	12.19	12.61	12.94	13.29	*	*
	NT2RM2000658	32.82	43.08	46.86	26.73	41.37	32	30.61	19.44	22.2	*	-
	NT2RM2000660	14.51	13.27	29.92	14.04	12.55	16.72	10.13	15.37	13.11		
	NT2RM2000669	10.87	10.69	21.85	10.05	8.58	6.66	4.07	7.21	13.35		
20	NT2RM2000689	95.32	133.69	72.27	57.73	75.12	39.22	34.72	103.73	96.38		
	NT2RM2000691	8.29	7.99	12.66	7.17	5.02	1.98	1.67	3.91	3.3	*	-
	NT2RM2000714	22.27	18.36	27.51	17.39	20.26	19.54	14.42	10.68	9.4	*	-
	NT2RM2000718	7.47	11.22	8.73	7.49	4.21	3.74	6.42	4.3	4.39	*	-
	NT2RM2000732	30.31	39.24	31.84	16.98	20.8	19.07	19.55	19.14	20.81	**	**
	NT2RM2000735	9.9	11.53	13.44	9.07	5.38	4.22	4.93	3.86	5.02	*	**
25	NT2RM2000740	6.93	5.88	14.03	10.18	2.3	7.44	6.84	7.79	7.93		
	NT2RM2000743	6.68	6.8	14.3	6.91	4.28	3.65	5.06	3.56	3.44		
	NT2RM2000772	27.24	33.91	37.64	22.25	28.4	15.62	5.89	15.75	8.53	**	-
	NT2RM2000773	52.46	53.2	70.82	31.56	39.87	27.02	30.18	38.39	17.45	*	*
	NT2RM2000776	68.74	76.62	73.41	45.06	64.43	20.51	36.77	44.34	50.74	**	-
	NT2RM2000784	15.31	17.83	22.47	11.93	15.96	6.63	6.13	10.15	9.45	*	-
30	NT2RM2000795	27.14	19.23	31.28	19.3	19.19	9.44	22.75	21.68	23.6		
	NT2RM2000796	7.18	4.13	6.34	5.73	2.37	1.38	4.64	1.74	1.29		
	NT2RM2000798	220.92	167.62	241.6	287.45	173.39	313.04	164.61	215.06	234.9		
	NT2RM2000801	206.47	181.87	250.93	201.4	210	276.53	117.76	135.99	178.08		
	NT2RM2000821	19.71	21.75	22.88	13.91	8.23	8.65	3.33	5.35	4.94	**	**
	NT2RM2000829	32.72	37.9	42.47	37.61	27.12	23.67	12.82	16.2	13.46	**	-
35	NT2RM2000837	12.85	10.7	21.49	8.33	5.59	2.89	4.75	4.19	3.96	*	-
	NT2RM2000924	66.24	48.22	89.49	72.54	62.16	39.92	33.79	29.08	40.4		
	NT2RM2000930	48.55	63.69	52.84	46.58	51.6	35.79	27	25.97	35.7	**	-
	NT2RM2000937	31.8	58.4	47.42	22.54	35.77	15.38	12.6	7.67	4.38	**	-
	NT2RM2000939	6.62	8.62	14.67	7.32	3.05	3.47	2.42	2.17	3.83	*	-
	NT2RM2000942	734.65	670.2	631.32	344.25	467.07	301.87	150.27	478.62	381.55	**	*
40	NT2RM2000951	4.26	4.86	13.05	5.55	2.39	1.46	1.13	1.84	1.19		
	NT2RM2000952	9.67	43.75	19.11	12.99	13.49	9.68	6.64	9	6.45		
	NT2RM2000966	187.94	165.71	228.75	214.51	217.85	161.14	133.25	108.26	108.39	*	-
	NT2RM2000973	104.1	257.68	179.14	123.46	180.6	103.68	80.15	78.39	82.31		
	NT2RM2000983	44.05	48.21	49.47	28.35	25.15	19.95	21.95	14.49	14.64	**	**
	NT2RM2000984	14.04	16.71	14.65	9.74	5.64	4.75	5.34	3.15	3.97	**	**
45	NT2RM2000994	36.03	29.02	31.03	22.45	13.36	11.64	9.34	22.92	20.85	*	*
	NT2RM2001004	87.18	99.34	120.85	105.48	104.79	118.66	75.52	78.54	88.2		
	NT2RM2001022	465.07	829.81	488.65	279.37	461.13	292.23	411.29	508	337.91		
	NT2RM2001035	119.48	128.64	135.94	69.22	98.88	76.14	85.64	92.65	116	*	*
	NT2RM2001038	30.1	53.09	55.15	35.29	31.06	27.29	33.8	26.97	56.89		
	NT2RM2001043	17.78	17.9	22.19	14.07	14.29	12.96	14.08	13.2	13.27	*	*
50	NT2RM2001050	16.36	10.75	11.34	9.74	5.11	3.09	5.76	4.31	3.75	*	-
	NT2RM2001055	7.49	7.2	8.19	5.79	2.69	1.59	3.42	2.92	3.04	*	**
	NT2RM2001065	18.94	19.43	21.19	16.28	10.87	7.49	3.44	9.8	10.97	*	**
	NT2RM2001075	352.66	309.42	355.51	314.53	188.83	298.2	178.61	439.36	452.62		
	NT2RM2001083	7.08	9.84	12.58	9.39	11.2	5.35	6.46	10.07	4.34		
	NT2RM2001100	132.53	127.49	140.57	168.49	157.74	186.39	108.36	105.08	125.06	*	*
55	NT2RM2001105	19.7	23.88	18.02	9.87	6.9	7.5	7.31	7.33	7.99	**	**
	NT2RM2001109	20.13	43.33	44.99	10.64	14.91	10.34	19.4	14.81	19.72	*	-
	NT2RM2001110	32.89	28.37	36.47	39.19	23.1	32.21	27.03	23.61	20.38	*	-

Table 408

	NT2RM2001126	10.89	14.19	16.02	9.38	4.33	6.54	7.81	4.58	5.85	*	*	-	-
	NT2RM2001131	35.31	23.37	27.48	39.22	24.25	32.19	17.26	18.93	15.18	*	*	-	-
5	NT2RM2001141	23.07	16.72	24.48	15.15	8.42	15.3	16.57	25.01	24.73			-	-
	NT2RM2001152	7.28	6.36	6.81	7.22	2.67	4.03	3.72	4.85	2.92		**	-	-
	NT2RM2001177	16.43	13.33	22.76	9.09	9.55	10.29	11.03	12.82	14.78	*	*	-	-
	NT2RM2001194	18.95	35.2	33.45	15.63	10.75	13.96	9.18	10.24	10.12	*	*	-	-
	NT2RM2001195	22.22	32.77	41.71	19.89	14.02	10.87	14.76	17.07	21.12	*	*	-	-
10	NT2RM2001196	12.18	14.33	14.56	8.23	2.8	2.96	2.65	3.74	5.12	**	**	-	-
	NT2RM2001201	112.26	151.54	152.39	113.21	71.67	129.08	182.51	124.84	110.23			-	-
	NT2RM2001221	15.16	10.19	12.98	12.97	6.39	8.39	4.13	7.92	7.64	*	*	-	-
	NT2RM2001238	7.02	4.76	7.61	7.38	2.47	4.7	2.6	3.8	3.66	*	*	-	-
	NT2RM2001243	28.44	25.47	29.19	20	12.3	9.83	7.01	16.89	8.25	*	**	-	-
	NT2RM2001244	14.84	14.77	26.94	13.43	7.79	12.02	6.46	7.21	5.59	*	*	-	-
15	NT2RM2001247	149.17	156.12	167.83	262.88	153.51	292.21	159.18	102.66	137.39			-	-
	NT2RM2001256	12.96	16.03	17.12	8.24	5.02	5.55	4.85	4.32	6.34	**	**	-	-
	NT2RM2001269	10.95	13.1	12.53	11.07	7.62	4.32	9.04	9.38	5.97	*	*	-	-
	NT2RM2001278	10.38	10.85	11.45	12.61	4.01	9.04	14.51	13.94	16.53	**	*	-	-
	NT2RM2001291	8.24	5.62	12.69	7.3	4.57	5.55	4.22	4.08	3.96			-	-
	NT2RM2001294	64.54	65.77	111.27	63.88	47.1	58.52	73.02	74.33	85.75			-	-
20	NT2RM2001295	8.24	9.79	14.29	5.61	3.8	3.62	3.42	2.36	2.25	*	*	-	-
	NT2RM2001302	3.39	6.85	11.75	6.43	3.29	2.51	3.71	3.87	1.57			-	-
	NT2RM2001306	11.41	14.23	14.66	11.73	5.3	7.08	5.43	5.34	3.99	**	*	-	-
	NT2RM2001312	3.55	4.56	12.72	6.28	2.54	2.63	4.61	2.59	2.39			-	-
	NT2RM2001319	5.86	9.67	14.24	9.42	5.49	4.3	4.35	3.58	2.75			-	-
	NT2RM2001324	18.95	7.8	13.76	18.03	4.46	12.42	10.21	14.53	14.86			-	-
25	NT2RM2001345	28.65	21.37	24.71	26.89	8	18.65	5.12	14.99	21.21			-	-
	NT2RM2001360	17.92	12.3	24.16	13.81	8.68	10.67	6.5	8.95	13.99			-	-
	NT2RM2001370	10.29	7.05	19.66	11.56	5.81	4.36	5.18	4.87	5.67			-	-
	NT2RM2001391	7.29	4.99	11.62	6.8	2.82	5.45	4.23	6.86	5.98			-	-
	NT2RM2001393	12.33	6.71	15.2	11.88	7.78	6.57	5.84	9.03	6.98			-	-
	NT2RM2001420	8.12	9.09	13.52	7.85	4.31	5.05	3.66	4.14	3.54	*	*	-	-
30	NT2RM2001423	17.63	16.34	28	15.84	12.17	12	10.06	5.58	6.91	*	*	-	-
	NT2RM2001424	27.85	17.9	24.35	16.51	10.81	12.46	10.74	18.59	16.89	*	*	-	-
	NT2RM2001482	8.67	6.53	15.28	13.75	6.43	10.52	8.21	10.88	32.33			-	-
	NT2RM2001499	6.83	5.56	14.66	6.11	6.28	4.16	4.43	4.99	9.08			-	-
	NT2RM2001504	10.92	6.52	14.65	8.66	7.17	4.96	4.36	8.69	6.66			-	-
	NT2RM2001524	14.94	10.41	10.01	10.19	8.66	6.87	5.54	6.7	4.33	*	*	-	-
35	NT2RM2001530	3.04	4.86	7.01	5.84	1.95	3.09	2.61	3.78	1.3			-	-
	NT2RM2001533	31.06	33.52	48.05	22.65	24.5	20.86	46.4	35.86	44.09			-	-
	NT2RM2001540	13.31	12.86	17.79	14.39	9.31	10.73	9.68	7.65	7.91	*	*	-	-
	NT2RM2001544	6.59	3.7	12.06	6.73	1.95	5.1	3.34	3.2	4.05			-	-
	NT2RM2001547	17.98	17.35	32.25	17.06	12.78	13.61	10.07	14.99	28.06			-	-
40	NT2RM2001558	3.53	3.66	12.29	5.32	1.92	2.05	1.78	3.67	4.24			-	-
	NT2RM2001575	12.53	9.85	20.98	9.37	6.51	6.57	9.69	11.4	8.27			-	-
	NT2RM2001582	18.86	18.39	26.78	16.91	11.16	8.85	13.11	10.99	13.56			-	-
	NT2RM2001588	33.5	33.04	38.62	26.73	19.6	15.21	19.42	19.94	22.31	*	**	-	-
	NT2RM2001592	8.06	9.31	10.24	8.08	7.97	5.3	6.26	2.96	5.52	*	*	-	-
	NT2RM2001603	18.68	34.48	37.52	19.83	12.18	16.75	16.12	15.01	10.86			-	-
	NT2RM2001605	2.46	1.84	10.05	3.68	0.89	3.29	1.27	2.06	1.52			-	-
45	NT2RM2001611	8.26	11.08	21.04	8.21	4.42	4.61	5.24	5.95	7.18			-	-
	NT2RM2001613	31.23	41.23	53.28	26.42	31.28	14.27	16.42	46.76	35.82			-	-
	NT2RM2001626	7.76	5	11.59	5.79	3.19	1.08	2.56	3.93	1.62			-	-
	NT2RM2001632	12.51	10.55	19.26	10.94	8.41	4.21	3.48	2.87	3.87	*	*	-	-
	NT2RM2001633	9.38	12.28	13.2	7.51	9.17	4.14	3.74	4.79	3.89	**	**	-	-
	NT2RM2001635	8.99	10.05	10.56	5.7	4.03	2.66	6.33	4.93	5.79	**	**	-	-
50	NT2RM2001636	13.44	12.39	18.22	10.09	11.69	6.86	5.49	5.27	4.75	**	**	-	-
	NT2RM2001637	5.38	4.7	11.19	6.81	1.81	3.12	2.09	2.96	1.51			-	-
	NT2RM2001639	12.13	12.21	20.77	10.63	8.64	7	4.1	7.5	7.85			-	-
	NT2RM2001641	8.65	5.25	15	6.44	4.6	3.79	6.08	10.65	9.66			-	-
	NT2RM2001643	13.92	14.16	22.25	10.74	7	2.7	2.29	4.88	4.18	*	*	-	-
	NT2RM2001648	39.15	45.91	36.48	26.92	23.84	12.46	22.53	23.65	32.08	*	*	-	-
55	NT2RM2001652	12.26	10.35	14.74	6.98	5.99	3.53	3.25	2.26	3.06	*	*	-	-
	NT2RM2001659	16.4	10.95	13.51	8.64	9.21	1.42	3.18	2.99	3.04	**	**	-	-
	NT2RM2001660	10.08	9.77	12.95	6.57	5.46	2.86	2.55	2.98	2.6	*	**	-	-

Table 409

	NT2RM2001664	5.02	5.48	16.95	8.08	4.37	8.84	2.47	6.43	6.78				
	NT2RM2001668	15.06	19.03	25.63	5.79	6.13	6.44	2.42	3.93	2.92	*	**	-	-
5	NT2RM2001670	5.32	7.34	15.89	6.82	2.18	2.28	5.04	5.37	3.96				
	NT2RM2001671	8.87	8.86	12.78	9.4	4.31	5.72	3.03	4.34	3.98	**		-	-
	NT2RM2001675	5.39	3.86	9.7	4.63	1.07	1.86	1.29	1.4	0.96	*		-	-
	NT2RM2001681	10.15	3.72	7.87	6.68	2.43	1.75	3.17	2.29	1.77				
	NT2RM2001685	5.99	4.42	4.61	4.4	0.95	1.7	1.76	0.44	1.52	**		-	-
	NT2RM2001688	7.35	10.19	21.96	10.5	8.43	4.5	8.27	2.69	4.73				
10	NT2RM2001695	21.84	15.61	27.76	16.05	12.1	18.2	12.98	24.27	27.96				
	NT2RM2001696	11.41	12.78	17.34	10.47	4.47	6.07	3.84	8.22	8.43	*		-	-
	NT2RM2001698	4.46	5.04	9.55	6.62	3.5	2.86	2.2	3.3	2.08				
	NT2RM2001699	9.41	7.54	15.28	7.73	5.45	4.44	4.63	5.76	3.45				
	NT2RM2001700	6.01	3.92	15.92	7.19	8.76	1.93	1.65	2.78	1.4				
15	NT2RM2001704	15.56	11	13.6	7.65	5.94	5.33	7.22	3.63	5.28	**	**	-	-
	NT2RM2001706	17.58	13	15.93	12.4	7.58	8.26	9.21	8.02	9.01	*	**	-	-
	NT2RM2001714	6.57	6.52	7.48	5.63	2.25	2.43	2.36	2.21	2	*	**	-	-
	NT2RM2001716	8.11	6.76	8.16	6.9	3	2.28	1.75	4.87	3.64	*		-	-
	NT2RM2001718	5.27	4.14	10.17	6.69	1.77	2.4	3.07	2.63	3.19				
	NT2RM2001723	7.52	14.9	19.44	7.99	8.79	1.56	2.66	6.02	4.35				
20	NT2RM2001727	13.96	15.14	20.23	10.17	9.39	6.64	16.21	10.41	9.88	*		-	-
	NT2RM2001730	19.9	22.32	24.32	11.37	7.04	10.08	9.63	10.59	8.89	**	**	-	-
	NT2RM2001738	24.21	32	34.82	11.52	20.69	8.94	10.25	6.51	7.37	*	**	-	-
	NT2RM2001743	11.04	12.3	13.73	7.4	4.32	2.84	7.29	5	5.26	**	**	-	-
	NT2RM2001753	33.97	33.52	45.06	27.22	20.28	23.67	19.89	16.73	21.61	*	*	-	-
	NT2RM2001755	5.43	4.23	7.05	6	2.04	4.11	2.32	3.16	2.92	*		-	-
25	NT2RM2001760	42.97	46.84	32.99	27.92	15.82	19.33	23.92	44.69	48.12	*		-	-
	NT2RM2001765	3.06	3.62	6.89	4.79	2.41	2.93	4.69	3.78	2.64				
	NT2RM2001767	156.3	123.32	123.27	161.08	199.81	185.95	99.49	113.99	123.4	*		+	-
	NT2RM2001768	10.21	7.85	24.02	6.47	5.49	3.96	2.75	3.87	3.14	*		-	-
	NT2RM2001771	8.46	12.44	14.25	6.18	3.66	4.08	3.36	4	3.1	*	**	-	-
	NT2RM2001778	7.68	9.54	13.49	7.21	3	4.06	5.69	4.22	4.13	*		-	-
30	NT2RM2001782	8.45	16.26	12.43	10.97	4.91	8.55	7.19	5.67	4.31				
	NT2RM2001784	2.33	3.38	2.94	5.28	0.42	1.26	1.88	3.54	2.58				
	NT2RM2001785	26.54	25.99	26.3	14.79	12.05	14.71	11.42	23.99	14.87	**		-	-
	NT2RM2001792	9.85	6.48	8.81	6.44	5.86	3.8	3.68	3.95	3.88	*		-	-
	NT2RM2001795	6.29	3.46	12.45	6.74	1.68	4.68	1.95	2.66	2.03				
	NT2RM2001797	5.8	5.87	12.89	5.74	3.15	4.35	4.29	3.75	2.07				
35	NT2RM2001800	8.98	9.98	12.02	6.5	3.87	3.21	3.89	2.41	4.66	*	**	-	-
	NT2RM2001803	9.13	11.59	12.8	14.78	5.7	4.76	5	4.99	6.43	**		-	-
	NT2RM2001805	5.23	4.93	4.93	5.77	2.81	1.86	2.38	1.02	1.76	**		-	-
	NT2RM2001806	9.59	8.37	10.47	8.03	2.61	4.16	1.45	2.5	1.61	**		-	-
	NT2RM2001813	4.64	2.78	4.37	7.6	3.08	5.69	2.05	4.02	2.1				
	NT2RM2001814	4.12	2.59	2.69	6.32	1.65	3.13	2.04	1.23	1.1	*		-	-
40	NT2RM2001818	2.04	2.24	0.99	4.62	0.99	0.95	0.43	0.73	1.2				
	NT2RM2001823	3.33	1.51	3.32	5	0.06	3.46	1.75	2.14	2.76				
	NT2RM2001825	18.28	14.86	18.88	21.81	10.23	18.33	13.27	20.99	16.7				
	NT2RM2001832	8.66	8.97	9.59	7.39	2.65	5.19	2.03	4.44	3.08	*	**	-	-
	NT2RM2001839	39.76	56.2	55.7	17.75	23.24	41.75	69.27	61.03	74.92				
	NT2RM2001840	16.73	9.83	12.67	16.44	10.4	10.16	11.51	19.3	18.18				
45	NT2RM2001851	13.19	13.13	16.5	15.12	5.82	6.1	7.33	10.63	8.57	*		-	-
	NT2RM2001855	24.09	22.55	30.11	14.9	11.35	11.17	11.7	10.3	11.91	**	**	-	-
	NT2RM2001867	4.7	5.27	10.74	7.68	2.21	3.72	3.8	4.17	5.58				
	NT2RM2001869	150.4	263.47	450.85	333.27	292.69	360.02	366.03	265.55	360.35				
	NT2RM2001879	4.5	3.92	9.65	7	2.4	3.74	3.05	3.17	3.3				
	NT2RM2001883	0.5	1.23	3.35	4.6	1.17	2.06	2.26	1.81	2.31				
50	NT2RM2001886	5.2	8.33	7.95	8.22	4.29	6.46	4.42	3.66	6				
	NT2RM2001887	10.27	7.46	19.23	10.21	4.91	6.33	4.19	5.06	5.45				
	NT2RM2001896	1909.2	1304.9	1706.8	669.09	517.88	706.49	508.04	455.61	977.52	**	*	-	-
	NT2RM2001902	4.57	4.04	12.43	5.26	2.22	2.22	1.58	3.18	2.3				
	NT2RM2001903	63.33	63.93	80.39	57.98	54.4	31.36	56.94	50.98	47.6	*		-	-
	NT2RM2001930	4.16	7.96	10.97	7.25	3.74	5.15	3.87	4.57	4.22				
55	NT2RM2001935	6.31	7.33	13.94	7.14	3.83	4.76	3.89	3.34	2.47				
	NT2RM2001936	4.31	7.8	13.64	6.57	5.23	5.41	6.76	3.21	3.62				
	NT2RM2001939	1.41	2.6	6.02	7.8	3.89	3.31	3.06	4.67	3.29				

Table 410

	NT2RM2001941	6.04	4.24	11.07	8.57	3.76	4	3.69	5.77	3.42			
	NT2RM2001950	10.88	9.24	13.32	9.74	3.68	5.38	5.27	9.54	12.08			
5	NT2RM2001952	5.22	5.96	18.37	6.97	3.67	2.12	3.56	5.93	8.5			
	NT2RM2001976	43.9	27.85	44.8	42.85	38.56	26.62	16.38	23.06	20.86	*		-
	NT2RM2001982	3.43	5.03	6.82	6.99	3.67	2.56	3.51	3.09	3.63			
	NT2RM2001983	12.18	15.12	21.04	15.68	19.01	6.03	9.47	6.45	4.73	*		-
	NT2RM2001984	20.37	33.54	33.12	16.47	10.56	10.16	8.25	7.86	3.8	* **	-	-
	NT2RM2001989	3.86	5.39	6.78	8.98	3.51	2.63	4.78	3.3	2.04			
10	NT2RM2001996	16.29	18.4	29.01	16.49	15.54	12.47	7.55	13.49	15.15			
	NT2RM2001997	11.71	10.41	18.16	7.7	4.63	5.51	3.14	5.18	8.39	*		-
	NT2RM2001998	9.82	8.18	17.59	8.92	5.29	6.42	2.82	8.96	6.36			
	NT2RM2001999	18.02	20.28	27.06	10.57	9.9	5.15	3.81	3.98	3.66	* **	-	-
	NT2RM2002003	50.92	53.27	55.93	27	36.02	21.81	18.72	19.18	19.35	** **	-	-
	NT2RM2002004	4.18	6.17	7.32	5.72	2.78	2.44	2.58	3.1	3.84			
15	NT2RM2002009	12.24	20.57	21.82	12.13	12.36	8.91	7.8	3.92	5.72	*		-
	NT2RM2002014	2.73	6.1	5.88	8.11	3.54	6	6.1	6.78	3.31			
	NT2RM2002019	125.13	124.6	184.05	89.22	90.25	54.05	33.48	56.11	68.43	* *	-	-
	NT2RM2002029	13.94	31.19	27.2	28.59	19.23	17.84	11.48	35.39	33.05			
	NT2RM2002030	16.61	18.25	22.39	8.8	11.56	5.36	5.58	12.47	9.07	* *	-	-
	NT2RM2002034	58.72	73.27	50.5	59.63	56.44	27.9	21	20.77	37.34	*		-
20	NT2RM2002049	21.26	22	23.61	14.68	15.64	11.74	6.05	9.95	7.32	** **	-	-
	NT2RM2002055	3.27	6.4	6.36	5.47	2.86	2.6	3.63	3.29	2.55			
	NT2RM2002072	40.82	52.88	39.93	24.05	29.78	18.81	18.47	15.25	18	* **	-	-
	NT2RM2002088	82.31	80.35	97	73.51	51.16	68.26	90.62	55.31	84.87			
	NT2RM2002091	22.22	21.11	34.44	9.76	9.27	5.82	2.71	4.2	5.17	* **	-	-
25	NT2RM2002100	12.27	9.78	20.49	8.79	6.55	5.99	3.91	6.96	6.5			
	NT2RM2002109	4.21	5.64	16.28	7.68	3.73	3.18	3.74	2.46	4.42			
	NT2RM2002126	27.51	39.25	34.46	33.04	40.35	13.28	17.62	8.06	21.42	*		-
	NT2RM2002128	4.47	5.67	11.09	4.57	2.71	1.5	2.22	2.89	1.62			
	NT2RM2002129	22.51	19.86	17.11	13.35	16.48	7.76	5.96	8.88	6.92	**	-	-
	NT2RM2002142	23.72	27.99	22.69	11.44	14.47	7.07	5.7	5.27	5.78	** **	-	-
30	NT2RM2002144	5.53	4.42	5.98	7	2.78	3.75	3.22	1.93	3.5	*		-
	NT2RM2002145	12.68	17.57	21.16	8.81	4.88	6.47	2.77	6.22	7.99	* *	-	-
	NT2RM2002153	10.64	8.88	12.47	8.77	5.52	6.62	3.59	3.26	3.47	**	-	-
	NT2RM2002163	3.34	3.58	10.5	5.65	2.59	1.58	0.8	1.56	1.92			
	NT2RM2002170	9.23	12.24	23.46	10.21	7.83	3.14	3.4	4.81	4.17			
	NT2RM2002178	9.54	6.98	11.63	5.56	4.58	2.92	3.63	2.57	1.48	* **	-	-
35	NT2RM2002179	8.2	10.06	9.02	7.04	6.34	2.72	2.79	2.76	2.85	**	-	-
	NT2RM2002270	5.66	6.66	8.96	6.13	3.31	1.8	2.35	2.99	1.98	*		-
	NT2RM2002326	8.26	5.94	6.26	7.55	3.63	3.3	2.53	3.14	5.2	*		-
	NT2RM2002337	9.91	15.68	18.49	12.85	7.23	4.54	5.02	6.94	5.77	*		-
	NT2RM2002339	6.62	10.73	17.92	7.67	6.02	5.59	3.93	4.03	4.49			
	NT2RM2002345	12.28	11.64	16.5	11.35	8.87	6.37	4.6	5.99	5.18	**	-	-
40	NT2RM2002368	11.9	12.43	21.01	8.78	6.6	5.66	4.97	7.35	7.34	*		-
	NT2RM2002381	5.04	4.54	7.61	5.17	3.68	1.33	2.23	2.48	3.79			
	NT2RM2002424	6.19	9.87	12.12	6.06	3.81	1.42	2.55	2.13	2.39	*		-
	NT2RM2002450	5.83	4.84	6.17	9.5	2.45	2.17	3.24	2.41	1.89	**	-	-
	NT2RM2002482	6.57	3.99	6.22	7.86	2.37	2.81	5.1	2.33	2.52			
	NT2RM2002492	115.88	159.06	153.05	67.65	86	93.3	108.8	133.63	153.04	*		-
45	NT2RM2002575	8.81	10.86	19.91	10.34	8.51	6.85	6.71	8.36	8.38			
	NT2RM2002580	12.81	11.63	17.51	7.68	4.03	7.15	4.84	5.41	5.82	* **	-	-
	NT2RM2002592	30.1	60.89	57.77	16.85	24.42	15.38	23.91	11.59	15.71	* *	-	-
	NT2RM2002608	107.02	108.16	125.35	69.13	83.62	75.26	88.4	51.95	98.01	**	-	-
	NT2RM2002615	21.13	24.19	16.26	10.72	11.75	7.36	11.09	7.92	5.82	*		-
	NT2RM2002622	37.43	55.62	40.03	34.45	40.44	21.34	16.57	11.49	8.97	**	-	-
50	NT2RM2002630	17.23	13.55	15.45	18.01	9.28	15.57	19.85	13.91	16.46			
	NT2RM2002634	10.84	11.13	17.05	9.62	2.19	5.41	7.89	7.53	7.31			
	NT2RM2002645	19.66	20.09	27.47	17.63	14.57	10.2	9.86	18.1	25.3			
	NT2RM2002646	40.87	51.15	69.9	15.35	22.28	15.25	17.48	14.11	15.62	* *	-	-
	NT2RM2002647	50.8	59.26	54.64	17.81	19.82	20.32	24.11	18.36	23.98	** **	-	-
	NT2RM2002652	15.86	23.36	17.16	10.87	6.59	8.39	7.1	6.49	11.22	* *	-	-
55	NT2RM2002692	6.86	5.59	6.84	5.88	3.32	1.36	2.92	2.3	3.51	**	-	-
	NT2RM2002721	65.28	100.72	114.83	36.62	27.49	27.32	87.26	32.69	72.44	*		-
	NT2RM2002746	96.93	107.15	111.07	119.35	46.49	100.69	117.84	48.85	124.45			

Table 411

	NT2RM2002764	5.49	12.15	7.39	6.52	3.1	7.78	2.89	4.03	5.76	**	**	-	-
	NT2RM2002772	29.76	33.25	38.82	20.56	12.45	9.21	4.96	16.05	9.09	*	*	-	-
5	NT2RM2002811	16.39	25	25.21	9.15	15.71	3.55	6.58	8.61	10.62	*	*	-	-
	NT2RM2002818	20.34	18.56	21.22	13.83	9.54	15.73	17.66	20.72	25.61	*	*	-	-
	NT2RM2002879	25.35	30.35	32.28	9.31	5.54	8.46	5.48	6.4	6.89	**	**	-	-
	NT2RM2002979	45.6	67	65.04	29.24	39.73	11.12	45.71	18.88	50.67	*	*	-	-
	NT2RM2002981	6.39	5.25	5.04	5.13	2.8	1.9	2.21	1.27	2.8	**	**	-	-
	NT2RM2002985	4.58	2.61	3.97	7.89	1.25	3.74	3.35	2.92	4.03			-	-
10	NT2RM2003031	4.98	5.14	6.7	6.97	3.27	6.19	2.14	4.35	4.33			-	-
	NT2RM2003042	32.29	28.58	51.11	28.69	7.79	11.66	9.6	10.82	7.31	*	*	-	-
	NT2RM2003044	5.51	2.76	2.92	6.07	1.88	3.64	2.44	2.91	3.92			-	-
	NT2RM2003090	15.51	15.57	25.03	16.18	8.25	19.49	18.74	20.12	15.75			-	-
	NT2RM2003095	23.07	26.27	29.36	22.31	14.66	13.94	29.67	24.13	25.38	*	*	-	-
	NT2RM2003116	19.38	32.85	27.63	12.52	9.52	10.31	6.49	8.73	7.15	*	**	-	-
15	NT2RM2003222	4.03	3.37	4.48	6.23	1.12	2.42	2.91	3.67	3.87	*	*	-	-
	NT2RM2003224	23.91	19.9	24.52	18.14	9.42	15.36	24.57	16.25	13.82	*	*	-	-
	NT2RM2003250	119.92	69.2	166.74	153.09	107.43	107.61	63.52	77.81	74.98			-	-
	NT2RM2003258	14.27	11.09	23.88	11.45	8.67	5.92	4.04	5.75	7.4			-	-
	NT2RM2003262	13.63	6.96	21.6	7.07	3.47	2.7	6.15	5.4	5.15			-	-
20	NT2RM4000023	16.25	15.39	24.54	14.62	6.88	9.36	9.34	7.69	6.58	*	*	-	-
	NT2RM4000024	5.57	7.1	11.59	9.02	4.21	3.87	3.82	4.08	2.65			-	-
	NT2RM4000027	4.73	3.54	9.85	6.85	4.18	2.53	4.65	2.99	2.04			-	-
	NT2RM4000030	5.72	8.1	11.8	8.56	5.42	3.94	5.02	4.04	3.02			-	-
	NT2RM4000033	5.95	4.77	7.64	13.08	3.98	7.38	10.23	6.96	6.85			-	-
	NT2RM4000034	14.03	8.95	17.36	14.71	7.52	11.06	7.66	12.11	11.07			-	-
25	NT2RM4000046	5.52	5.71	10.27	5.43	2.75	2.16	4.42	4.99	3.5			-	-
	NT2RM4000052	3.65	3.61	9.75	4.88	2.31	3.26	1.99	3.02	2.4			-	-
	NT2RM4000054	24.72	16.37	22.59	16.92	16.99	12.56	13.57	15.39	11.37	*	*	-	-
	NT2RM4000061	2.45	2.46	7.19	5.03	3.91	3.49	2.41	2.69	0.75			-	-
	NT2RM4000074	109.94	111.99	162.79	132.85	134.31	127.91	155.38	114.81	153.05			-	-
	NT2RM4000085	16.76	26.39	27.87	18.47	15.63	12.58	12.15	6.78	9.96	*	*	-	-
30	NT2RM4000086	5.66	6.66	7.88	8.93	4.39	5.02	8.75	6.18	6.29			-	-
	NT2RM4000100	33.67	23.83	35.82	31.94	18.51	25.58	27.68	38.43	48.27	*	*	-	-
	NT2RM4000101	24.08	19.83	27.89	18.1	9.03	12.06	10.92	15.22	16.58	*	*	-	-
	NT2RM4000102	31.73	28.52	43	29.96	36.82	28.28	11.54	34.43	29.82			-	-
	NT2RM4000104	12.56	10.41	15.15	10.13	9.81	7.37	8.35	10.19	9.76			-	-
	NT2RM4000115	5.71	9.33	11.32	11.36	6.79	5.37	7.68	7.13	8.99			-	-
35	NT2RM4000129	2.55	5.58	5.12	5.02	4.24	3.67	3.26	2.78	3.18			-	-
	NT2RM4000139	5.53	8.52	11.67	6.45	6.29	5.11	4.73	4.33	5.31			-	-
	NT2RM4000149	3.74	4.09	4.62	8.9	2.03	3.09	4.1	3.49	3.35			-	-
	NT2RM4000155	17.15	10.36	17.5	14.41	8.06	9.43	4.52	7.7	6.79	*	*	-	-
	NT2RM4000156	43.23	34.65	52.17	33.06	31.74	35.59	32.83	34.2	32.88			-	-
	NT2RM4000167	5.13	4.59	12.54	4.2	2.19	0.82	1.69	2.03	1.71			-	-
40	NT2RM4000169	116.9	136.33	190.06	211.72	166.35	130.17	146.08	152.04	180.53			-	-
	NT2RM4000191	10.04	6.72	12.84	9.1	7.11	6.9	7.89	7.38	7.91			-	-
	NT2RM4000197	3.31	6.64	7.83	5.96	3.1	2.95	2.4	2.51	3.17			-	-
	NT2RM4000198	13.19	12.13	17.78	14.45	8.75	9.44	12.48	10.4	9.17			-	-
	NT2RM4000199	3.72	4.46	6.47	8.34	4.51	5.35	6.27	5.09	6.45			-	-
	NT2RM4000200	3.27	5.32	11.6	5.66	2.52	4.69	3.52	3.66	3.02			-	-
45	NT2RM4000202	7.07	4.86	13.64	7.53	1.78	3.26	4.51	5.82	5.86			-	-
	NT2RM4000210	5.45	5.44	15.45	6.67	3.23	1.92	1.86	2.7	2.32			-	-
	NT2RM4000215	8.8	9.1	12.69	7.49	4.69	2.59	3.73	4.19	3.48	*	**	-	-
	NT2RM4000220	21.3	15.96	19.47	12.48	9.78	7.44	10.31	10.33	6.87	*	**	-	-
	NT2RM4000229	4.29	6.1	7.3	4.96	2.64	1.78	2.82	2.26	3.55	*	*	-	-
	NT2RM4000231	12.18	22.17	22.16	12.3	13.79	7.12	11.29	7.48	7.64	*	*	-	-
50	NT2RM4000233	21.08	19.41	23.05	29.48	16.53	15.89	23.49	16.8	20.56			-	-
	NT2RM4000244	7.04	6.33	12.22	6.72	4.83	3.85	2.65	5.84	4.45			-	-
	NT2RM4000251	8.01	7.64	14.53	7	8.84	3.91	3.55	5.44	5.4			-	-
	NT2RM4000255	8.99	6.74	14.46	7.34	5.4	4.93	3.56	3.66	2.79	*	*	-	-
	NT2RM4000265	13.77	11.08	20.66	10.54	8.41	4.23	9.98	13.42	10.55			-	-
	NT2RM4000283	213.58	220.77	174.14	136.23	205.5	145.83	158.43	132.77	224.43			-	-
55	NT2RM4000284	85.27	81.74	108.73	78.21	81.89	45.3	89.45	84.2	83.7			-	-
	NT2RM4000290	13.22	11	18	10.81	6.15	3.95	7.71	6.59	6.44	*	*	-	-
	NT2RM4000295	9.32	6.67	7.61	11.47	5.8	4.29	6.42	5.34	6.78			-	-

Table 412

	NT2RM4000306	39.39	31.22	45.45	18.05	17.89	26.02	12.1	14.22	20.93	*	**	-	-
	NT2RM4000307	10.91	9.3	17.74	9.83	6.51	5.04	4.55	5.59	9.36				
5	NT2RM4000309	6.25	6.98	13.33	6.03	3.16	3.04	0.89	2.68	1.25	*		-	
	NT2RM4000313	8.25	9.27	15.88	8.4	4.79	4.48	3.48	4.24	4.11	*		-	
	NT2RM4000318	7.74	12.3	19.97	11.61	7.91	4.9	8.74	11.58	10.87				
	NT2RM4000324	7.02	4.79	7.97	5.66	2.78	1.11	2.3	1.61	0.69	**		-	
	NT2RM4000326	9.61	6.92	8.36	6.7	2.41	2.62	3.8	2.41	1.32	**		-	
	NT2RM4000327	10.62	7.04	10.88	10.24	4.86	9.97	11.64	7.37	9.72				
10	NT2RM4000344	28.12	43.85	37.76	23.98	18.35	22.38	19.35	25.83	27.75	*		-	
	NT2RM4000349	54.86	44.05	74.07	45.06	38.46	49	53.73	62.48	76.26				
	NT2RM4000354	3.83	4.95	10.6	6.31	1.75	1.8	2.77	2.77	2.79				
	NT2RM4000356	5.03	3.65	9.35	5.42	1.79	2.58	1.32	3.38	0.81				
	NT2RM4000366	170.18	124.74	186.28	108.07	122.86	98.86	143.05	122.68	104.4				
	NT2RM4000368	16.94	13.21	17.9	9.95	5.92	5.45	9.44	7.79	10.81	*	*	-	-
15	NT2RM4000373	32.64	29.04	37.96	31.16	21.65	24.87	33.11	24.62	25.87				
	NT2RM4000386	6.62	6.28	8.3	8.65	4.71	4.93	6.02	2.91	5.23				
	NT2RM4000395	10.95	13.82	15.83	10.78	7.59	9.02	5.57	7.71	10.22	*		-	
	NT2RM4000414	4.69	4.37	11.16	5.76	0.91	3.43	2.88	1.6	3.45				
	NT2RM4000417	11.27	10.89	8.84	6.8	4.15	6.41	8.68	3.94	4.92	*		-	
	NT2RM4000421	10.28	10.99	14.3	8.17	4.31	2.7	2.33	2.02	4.78	*	**	-	-
20	NT2RM4000425	91.24	92.57	106.69	64.91	58.82	58.32	76.16	70.13	74.53	**	*	-	-
	NT2RM4000433	6.13	6.12	8.53	7.28	5.88	4.18	2.6	4.18	3.51	*		-	
	NT2RM4000436	18.9	19.36	27.32	20	14.51	11.77	15.16	14.79	15.69				
	NT2RM4000444	18.5	21.83	23.5	27.88	22.92	21.75	22.28	13.95	20.52				
	NT2RM4000457	13.16	19.12	21.52	10.27	6.05	7.18	7.2	10.64	8.19	*	*	-	-
	NT2RM4000471	11.07	11.03	12.38	8.14	9.49	4.57	3.84	6.85	3.58	**		-	
25	NT2RM4000472	19.66	22.31	17.4	12.44	15.19	12.8	11.64	22.04	27.4	*		-	
	NT2RM4000486	10.68	18.04	19.73	11.41	9.93	10.39	10.79	12.22	9.89				
	NT2RM4000490	14.19	17.43	15	9.61	4.76	5.97	7.87	5.19	5.16	**	**	-	-
	NT2RM4000496	4.23	6.24	5.23	3.18	0.15	0.92	1.52	0.44	1.12	*	**	-	-
	NT2RM4000505	107.79	139.53	149.56	114.44	75.32	107.4	136.82	107.52	141.57				
30	NT2RM4000511	73.01	84.21	82.3	77.22	39.83	88.6	83	54.31	48.26				
	NT2RM4000514	15.58	17.06	20.66	15.1	9.63	16.07	11.41	15.96	14.62				
	NT2RM4000515	15.97	18.43	19.43	7.56	4.12	3.43	3.77	6.97	4.37	**	**	-	-
	NT2RM4000517	351.24	469.1	440.94	138.38	381.29	140.48	205.12	297.92	317.1	*		-	
	NT2RM4000520	3.56	5.44	6.75	6.2	2.43	4.29	3.06	2.99	1.91				
	NT2RM4000531	7.21	6.94	9.49	7.75	2.88	4.52	5.61	3.99	4.45	*		-	
35	NT2RM4000532	6.55	5.58	4.11	7.27	2.1	1.72	3.22	3.22	3.25	*		-	
	NT2RM4000533	5.69	4.73	4.92	6.83	1.35	2.87	3.57	2.18	3.55	*		-	
	NT2RM4000534	4.83	3.29	2.48	5.97	1.61	1.76	3.52	3.71	3.07				
	NT2RM4000563	23.61	15.27	21.44	28.24	15.01	45.63	27.71	31.71	29.82	*		+	
	NT2RM4000566	8.4	6.65	10.24	13	4.81	13.26	8.88	9.31	8.58				
	NT2RM4000568	24.52	13.96	20.25	24.28	11.25	22.83	7.78	15.38	11.01				
40	NT2RM4000585	3.91	1.91	3.09	7.76	1.73	4.77	2.79	4.1	3.39				
	NT2RM4000587	7.59	6.74	8.76	10.89	3.52	5.69	7.38	7.94	10.18				
	NT2RM4000590	2.8	2.23	4.43	6.82	1.35	3.31	2.85	3.67	2.59				
	NT2RM4000593	8.21	5	10.19	8.56	3.29	5.21	6.43	4.7	4.53				
	NT2RM4000595	4.79	4.42	3.36	7.11	6.02	3.43	4.16	2.82	3.87				
	NT2RM4000603	5.4	2.57	9.66	6.3	2.52	2.39	2.28	2.67	2.18				
45	NT2RM4000611	28.57	18.91	36.37	25.67	15.39	24.68	19.91	19.95	26.79				
	NT2RM4000616	9.69	7.13	13.2	7.2	3.11	4.07	2.46	3.02	2.66	*		-	
	NT2RM4000621	3.69	1.04	7.35	6.04	1.52	1.99	3.47	3.26	2.31				
	NT2RM4000648	7.93	5.22	9.62	8.39	3.12	4.35	6.48	5.01	6.06				
	NT2RM4000649	4.41	3.44	7.74	6.28	2.95	1.85	3.85	1.71	2.41				
	NT2RM4000658	5.46	6.14	9.39	8.84	2.67	4.42	4.63	4.69	4.24				
50	NT2RM4000661	15.52	9.28	15.4	13.03	7.61	7.72	5.33	7.59	7.87	*		-	
	NT2RM4000673	13.87	8.93	21.18	9.61	6.09	5.58	4.94	6.04	10.95				
	NT2RM4000674	33.39	14.79	28.45	15.54	18.31	16.46	9.71	12.48	12.12				
	NT2RM4000689	13.32	8.68	20.09	9.6	6.2	5.32	9.33	7.16	5.74				
	NT2RM4000698	3.25	4.45	8.82	7.51	4.65	2.16	4.55	4.72	3.77				
	NT2RM4000700	9.2	12.82	18.94	9.98	10.71	10.66	5.56	6.11	5.56	*		-	
55	NT2RM4000701	37.49	38.63	57.82	37.22	35.87	38.99	50.37	52.92	48.89				
	NT2RM4000712	26.37	34.47	28.93	18.91	14.79	13.59	9.02	8.85	10.91	**	**	-	-
	NT2RM4000717	24.65	10.07	20.07	21.94	7.33	18.21	17.18	23.49	18.21				

Table 413

	NT2RM4000733	9.25	6.15	14.75	8.98	6.63	6.77	4.25	7.21	11			
	NT2RM4000734	6.83	6.23	12.29	7.58	4.56	3.67	3.75	5.75	9.29			
5	NT2RM4000741	13.34	10.33	15.73	9.84	9.36	7.54	6.59	7.87	3.9	*		
	NT2RM4000744	885.53	451.3	1241	1383.2	1506.5	707.31	777.95	717.55	894.48			
	NT2RM4000749	51.3	49.81	57.77	49.46	44.79	42.49	59.41	56.25	54.64			
	NT2RM4000751	10.01	10.59	16.02	7.97	7.75	5.05	5.19	5.27	4.04	*		
	NT2RM4000752	14.18	16.62	13.54	10.44	6.55	5.76	8.04	11.07	5.33	*	*	
10	NT2RM4000760	66.66	27.51	44.38	43.74	22.69	40.29	50.15	65.89	60.41			
	NT2RM4000761	19.9	12.95	27.34	11.59	8.66	7.67	5.75	12.58	17.06			
	NT2RM4000764	28.14	13.4	30.32	14.61	9.8	20.16	18.5	24.69	24.19			
	NT2RM4000768	91.29	73.54	83.67	77.4	70.39	93.31	63.42	64.16	68.6	*		
	NT2RM4000778	8.24	6.22	8.88	7.38	4.94	5.13	2.54	2.81	2.48	**		
	NT2RM4000779	13.14	10.85	20.24	8.82	8.68	7.51	2.45	7.69	5.22	*		
15	NT2RM4000787	15.66	16.22	17.04	13.21	10.45	11.66	11.77	12.92	11.34	**	**	
	NT2RM4000790	2620.9	2248.3	2489	2090	3251.6	2752.2	3676.2	1775.7	1256.3			
	NT2RM4000795	7.92	4.23	13.52	7.6	3.13	5.92	6.03	8.23	6.4			
	NT2RM4000796	26.78	15.24	27.73	18.41	12.57	18.03	14.45	19.92	38.07			
	NT2RM4000798	7.01	8.1	18.9	8.2	4	6.33	3.86	7.47	8.07			
	NT2RM4000800	5.35	6.72	10.01	6.15	1.63	3.63	2.61	2.89	3.11	*		
20	NT2RM4000813	11.25	10	13.48	6.95	4.25	5.74	3.76	4.39	3.13	**	**	
	NT2RM4000820	26.13	26.55	28.07	22.17	20.99	17.91	22.8	23.35	20.32	**	*	
	NT2RM4000827	10.03	14.9	13.91	7.34	7.52	5.34	7.29	6.84	3.6	*	*	
	NT2RM4000830	12.07	12.08	13.71	8.9	8.35	9.39	11.27	7.81	7.47	**	*	
	NT2RM4000833	11.24	7.17	16.3	8.57	3.24	6.92	2.5	5.31	5.24			
	NT2RM4000841	12.98	15.96	14.24	9.21	12.52	7.68	4.07	5.69	5.39	**		
25	NT2RM4000846	9.5	7.99	19.32	10.93	5.53	8.29	6.17	10.68	8.48			
	NT2RM4000848	7.99	8	13.35	6.98	3.66	2.79	2.7	4.77	2.57	*		
	NT2RM4000852	14.87	14.63	15.93	7.89	7	3.89	3.95	4.67	2.59	**	**	
	NT2RM4000855	6.4	5.44	7.14	5.82	2.45	2.19	1.77	2.66	1.11	**	**	
	NT2RM4000859	16.62	15.67	16.78	13.33	8.27	6.7	12.27	10.96	12.51	*	**	
	NT2RM4000868	19.91	23.16	23.62	14.39	12.92	10.23	4.82	6.2	3.98	**	**	
30	NT2RM4000870	13	13.65	19.75	13.98	14.72	8.66	5.75	8.62	12.66			
	NT2RM4000879	41.44	32.18	43.25	14.78	13.02	16.56	3.72	8.51	8.81	**	**	
	NT2RM4000882	15	11.7	22.42	13.18	7.01	7.9	5.18	5.53	4.92	*		
	NT2RM4000887	41.97	33.25	51.62	36.36	23.39	28.87	18.02	26.87	25.16	*		
	NT2RM4000895	26.8	20.11	33.05	17.45	16.12	7.46	11.88	6.83	10.98	*		
	NT2RM4000897	9.87	8.53	11.07	8.99	4.54	3.34	4.8	3.39	4.04	**		
35	NT2RM4000901	10.96	12.11	11.53	7.56	7.1	4.42	5.41	4.23	6.77	**	**	
	NT2RM4000950	9.78	8.98	10.35	8.13	5.43	3.19	2.51	2.31	1.79	*	**	
	NT2RM4000965	28.19	32.79	35.21	15.2	12.26	17.85	6.17	10.47	12.16	**	**	
	NT2RM4000971	97.81	77.57	101.74	132.86	95.27	155.13	87.73	92.85	108.16			
	NT2RM4000979	6.96	6.06	14.84	8.87	6.06	5.77	4.88	5.81	4.09			
	NT2RM4000987	998.76	831.62	1103.5	625.74	1156.8	778.33	1010.1	1262.3	668.26			
40	NT2RM4000989	20.87	13	27.71	19.07	13.82	14.2	14.36	15.32	14.94			
	NT2RM4000991	41.92	23.13	35.75	37.46	31.48	28.64	21.97	22.75	24.51			
	NT2RM4000992	10.32	6.68	8.53	6.07	2.23	2.13	3.02	2.16	2.78	*	**	
	NT2RM4000996	22.09	29.46	18.01	12.6	11.82	10.41	9.81	3.95	3.92	*	*	
	NT2RM4000997	28.21	30.93	25.95	19.16	13.92	19.47	16.5	21.62	24.11	**	*	
	NT2RM4001001	7.63	6.6	15.15	9.35	5.11	5.88	3.96	7.75	5.13			
45	NT2RM4001002	459.98	441	503.26	494.01	440.37	522.33	521.26	628.75	590.54	*		+
	NT2RM4001016	19.09	20.3	24.95	12.05	10.46	13.91	10.42	12.83	14.8	*	*	
	NT2RM4001025	6.64	7.24	14.2	7.08	5.08	3.26	5.04	3.42	2.59			
	NT2RM4001027	4.69	5.86	4.64	4.07	1	1.53	1.18	1	1.23	*	**	
	NT2RM4001032	13.63	13.78	6.47	6.13	6.41	2.73	4.98	2.77	2.21	*		
	NT2RM4001047	17.2	23.07	17.27	11.83	13.43	8.74	14.05	4.88	2.78	*	*	
50	NT2RM4001049	14.8	12.01	16.43	12.47	5.42	11.65	9.35	13.4	14.12			
	NT2RM4001051	23.07	23.96	19.46	18.43	11.09	9.95	3.77	14.4	12.67	*	*	
	NT2RM4001052	9.72	6.17	11.79	8.32	6.45	2.86	8.57	9.7	6.4			
	NT2RM4001053	8.35	8.46	10.92	7.64	6.3	5.31	6.88	7.16	3.68			
	NT2RM4001054	15.68	17.03	15.78	11.07	4.7	7.63	9.63	9.71	11.5	*	**	
	NT2RM4001059	5.24	11.23	8.09	5.5	2.85	2.53	2.48	2.39	3	*	*	
55	NT2RM4001071	23.88	28.79	33.58	18.66	9.28	10.59	17.49	15.69	16.83	*	*	
	NT2RM4001084	12.62	12.59	13.06	12.4	5.97	9.54	14.16	9.85	15.23			
	NT2RM4001092	7.67	7.08	7.41	8.26	5.02	4.62	2.05	6.72	4.2			

Table 414

	NT2RM4001100	10.34	6.97	14.94	8.81	5.31	8.81	7.75	11.53	7.75			
	NT2RM4001116	6.46	5.43	9.66	8.08	5.44	5.9	5.27	4.35	5.99			
5	NT2RM4001119	4.41	2.95	6.53	4.88	4.54	2.33	3.03	2.56	2.24			
	NT2RM4001140	6.58	8.81	10.22	5.74	2.39	2.78	3.27	2.64	2.47	*	**	-
	NT2RM4001148	77.43	82.01	87.89	109.01	92.69	80.91	71.63	54.14	60.54	*		-
	NT2RM4001151	25.3	23.87	22.4	14.14	12.5	10.51	24	19.61	17.03	**		-
	NT2RM4001155	7.7	10.96	9.45	14.26	6.55	9.63	8.68	7.88	7.8			
10	NT2RM4001157	4.69	2.46	3.77	5.35	1.74	4.67	1.85	2.85	2.34			
	NT2RM4001160	10.13	5.87	8.44	9.04	3.06	4.73	3.63	6.09	4.88			
	NT2RM4001163	8.69	6.99	8.41	6.85	4.09	5.89	3.57	3.78	3.99	**		-
	NT2RM4001187	15.55	10.66	18.41	9.39	4.2	6.99	4.74	5.75	3.81	*	*	-
	NT2RM4001191	6.6	5.61	4.99	6.79	10.14	6.02	8.39	4.7	8.34			
	NT2RM4001200	2.58	2.46	3.46	4.38	3.72	1.51	1.91	2.35	0.33			
15	NT2RM4001203	6.43	5.54	5.53	5.95	1.89	1.97	3.96	4.4	1.73	*		-
	NT2RM4001204	9.94	10.43	11.48	7.05	1.89	2.44	3.49	2.67	2.11	*	**	-
	NT2RM4001217	24.69	17.41	30.8	23.78	12.47	18.57	27.41	26.41	29.34			
	NT2RM4001245	156.95	84.48	149.16	130.37	116.53	157.67	151.03	141.35	178.46			
	NT2RM4001247	4.65	4.91	11.8	4.49	3.5	3.11	6.79	3.17	2.29			
20	NT2RM4001256	9.61	7.67	12.78	9.59	5.91	6.14	7.73	8.06	8.51			
	NT2RM4001258	70.47	64.71	70.52	44.98	46.66	50.08	53.38	45.51	40.98	**	**	-
	NT2RM4001267	5.89	4.4	10.4	6.42	2.33	2.85	4.9	3.94	4.52			
	NT2RM4001273	1.34	2.22	3.89	5.02	1.41	1.99	4	2.5	2.16			
	NT2RM4001281	8.06	5.61	14.03	10.91	4.33	7.34	4.05	7.62	5.35			
	NT2RM4001286	51.19	32.28	36.36	29.23	18.59	18.64	13.09	20.76	31.46			
	NT2RM4001290	8.38	5.81	13.36	7.76	4.34	4.65	5.33	4.36	7.29			
25	NT2RM4001309	98.2	68.64	139.85	90.19	105.33	108.01	85.7	73.37	76.26			
	NT2RM4001313	6.16	7.7	10.44	8.55	3.72	5.52	2.76	5.94	3.03			
	NT2RM4001316	10.67	13.16	19.79	13.68	8.94	8.99	6.58	5.71	5.93	*		-
	NT2RM4001320	20.75	22.22	27.83	18.9	15.02	17.67	25.16	19.45	25.01			
	NT2RM4001321	3.2	9.27	5.51	7.64	4.65	3.21	6.77	5.74	7.05			
30	NT2RM4001325	6.99	10.29	13.71	11.04	4.07	7.04	5.14	7.06	21.4			
	NT2RM4001333	11.2	7.57	11.93	8.81	7.22	5.3	2.36	6.09	14.33			
	NT2RM4001340	59.12	52.84	78.91	69.02	66.75	67.91	59.71	47.75	38.99			
	NT2RM4001344	6.4	4.63	10.13	7.69	4.29	5.37	3.9	5.77	3.72			
	NT2RM4001347	414.8	327.64	302.6	368.33	392.69	323.06	333.75	373.98	353.9			
	NT2RM4001357	6.26	7.97	8.82	6.78	6.02	4.63	3.22	2.89	2.9	**		-
	NT2RM4001360	8.63	8.04	10.78	8.59	6.1	3.5	4.75	7.61	3.39			
35	NT2RM4001371	15.56	11.85	10	11.21	16.5	13.92	36.9	13.45	6.6			
	NT2RM4001377	21.16	11.62	19.22	16.27	7.45	12.65	8.88	10.18	9.45			
	NT2RM4001382	16.22	9.22	22.97	11.49	7.37	7.19	3.28	8.65	16.08			
	NT2RM4001384	4.53	5.9	14.13	5.13	2.13	2.71	2.62	2.27	2.98			
	NT2RM4001400	10.43	9.23	12.46	8.14	5.92	4.37	4.37	6.39	3.72	*	**	-
	NT2RM4001409	4.67	5.55	8.19	6.09	3.26	2.83	3.17	3.27	3.39			
40	NT2RM4001410	6.89	14.26	12.51	8.64	5.38	3.51	3.98	6.53	3.24			
	NT2RM4001411	25.9	30.99	34.06	31.33	32.6	28.51	31.72	28.52	32.83			
	NT2RM4001412	825.39	1226.8	1011.2	1004.1	804.98	983.25	1210.2	810.05	943.27			
	NT2RM4001414	12.79	6.6	16.28	6.35	2.72	5.16	2.14	4.73	3.09	*		-
	NT2RM4001436	63.2	35.96	69.06	56.83	54.08	67.38	42.65	35.42	49.83			
	NT2RM4001437	26.18	27.89	39.17	20.31	15.52	18.05	16.35	28.68	22.74	*		-
45	NT2RM4001444	3.41	3.61	9.9	8.98	3.02	1.89	2.57	2.59	2.26			
	NT2RM4001454	19.23	20.25	21.89	16.73	15.4	12.09	15.71	18.45	13.57	*	*	-
	NT2RM4001455	5.88	19	6.35	4.26	2.07	3.65	1.94	1.57	2.98			
	NT2RM4001483	8.69	16.03	11.64	7.61	4.41	5.78	3.96	3.81	3.42	*		-
	NT2RM4001489	12.59	12.07	8.74	5.56	6.34	2.86	4.94	5.52	3.23	*	**	-
	NT2RM4001495	36.43	24.24	20.4	12.41	16.18	17.63	5.62	16.36	11.58			
50	NT2RM4001499	22.29	18.15	30.48	16.01	14.05	14.71	4.23	11.08	11.85	*		-
	NT2RM4001515	6.81	5.91	14.18	6.91	2.64	4.03	2.9	4.57	2.36			
	NT2RM4001518	8.21	4.24	9.85	5.65	1.45	0.78	1.08	3.15	1.34	*		-
	NT2RM4001522	8.19	6.53	12.02	6.15	2.52	1.81	2.28	3.64	1.62	*		-
	NT2RM4001523	73.84	75.98	71.57	35.61	37.16	20.7	26.91	23.43	33.3	**	**	-
	NT2RM4001550	10.75	6.21	9.98	6.43	6.16	2.2	5.6	2.68	8.03			
55	NT2RM4001553	11.94	9.8	11.96	9.12	5.14	4.64	3.81	2.93	3.19	*	**	-
	NT2RM4001554	151.86	72	141.69	164.83	103.78	171.98	80.79	76.13	147.24			
	NT2RM4001557	51.14	42.32	58.99	56.35	49.65	76.92	34.69	30.81	38.74	*		-

Table 415

	NT2RM4001565	12.7	17.39	26.89	14.14	12.4	12.69	7.45	6.92	4.69	*	-
	NT2RM4001566	17.21	11.12	20.03	22.75	14.87	13.43	10.31	12.88	15.08		
5	NT2RM4001569	3.45	2.79	9.43	4.65	1.24	1.1	2.19	2.38	1.74	**	-
	NT2RM4001579	7.75	7.8	9.32	7.49	3.8	1.35	2.94	2.54	2.36	**	-
	NT2RM4001582	6.95	5.09	5.63	5.76	1.73	2.34	1.66	1.19	2.1	*	**
	NT2RM4001589	113.7	167.05	103.64	41.43	57.6	46.23	27.72	15.73	11.4	*	**
	NT2RM4001592	6.17	5.42	14.24	6.52	2.18	4.41	4.13	6.42	4.93		
	NT2RM4001594	386.49	313.56	285.69	287	185.32	238.47	160.25	299.69	275.08		
10	NT2RM4001597	6.23	6.27	13.54	6.73	3.64	4.25	2.96	4.23	3.88	*	*
	NT2RM4001605	16.38	18.33	22.25	14.56	11.19	8.87	10.5	12.13	9.23	*	*
	NT2RM4001609	23.54	15.9	22.4	13.71	9.55	9.27	6.4	7.54	6.99	*	**
	NT2RM4001610	10.55	8.52	11.74	9.35	5.13	4.46	6.11	6	5.63	*	*
	NT2RM4001611	14.22	14.7	15.89	10.73	7.27	6.47	6.73	5.19	3.38	**	**
	NT2RM4001618	13.74	16.13	14.23	8.24	4.82	5.02	4.84	2.49	3.4	**	**
15	NT2RM4001622	5.3	5.16	10.27	7.37	3.16	3.66	2.49	3.88	1.85	*	-
	NT2RM4001624	7.85	5.37	11.44	5.27	1.81	3.96	3.07	2.98	3.67	*	-
	NT2RM4001625	8.28	12.41	10.38	15.36	14.48	2.63	7.15	9.31	10.39		
	NT2RM4001629	14.67	21.52	22.9	19.11	13.87	22.31	12.28	12.44	12.55	*	-
	NT2RM4001632	325.71	457.93	338.97	242.41	290.06	370.51	594.61	333.67	482.68		
20	NT2RM4001642	5.97	4.92	5.47	4.64	2.19	2.19	0.94	2.25	0.91	*	**
	NT2RM4001647	18.42	12.21	17.82	18.58	14.27	17.66	13.87	14.03	11.49		
	NT2RM4001650	27.91	31.97	47.33	36.24	30.14	33.6	22.2	16.78	26.83		
	NT2RM4001662	12.58	10.55	10.99	18.39	7.75	15.61	11.98	12.75	8.09		
	NT2RM4001666	7.92	11.39	9.77	4.29	5.85	7.46	4.49	4.14	4.36	*	**
	NT2RM4001670	25.82	19.71	20.86	17.87	11.22	17.38	19.89	23.01	24.94		
25	NT2RM4001682	8.89	10.21	10.73	7.71	7.31	3.19	3.94	4.22	3.18	**	-
	NT2RM4001710	8	9.89	13.67	6.48	2.86	3.01	1.39	4.38	1.64	*	*
	NT2RM4001712	6.13	6.94	9.77	4.06	2.96	2.15	2.17	4.16	1.89	*	*
	NT2RM4001714	18.44	20.46	18.31	8.4	3.92	5.06	6.84	3.44	4.9	**	**
	NT2RM4001715	22.24	32.3	32.67	17.97	6.58	16.35	15.07	7.8	8.58	*	*
	NT2RM4001727	17.83	12.1	16.99	14.9	8.57	19.16	13.54	13.69	14.31		
30	NT2RM4001731	9.18	5.56	7.2	4.83	1.9	3.44	2.33	4	3.02	*	*
	NT2RM4001735	15.03	8.65	13.3	10.72	9.69	6.1	6.95	9.42	9.18		
	NT2RM4001739	3.31	4.05	7.1	6.51	1.7	2.71	2.2	2.1	1.76	*	**
	NT2RM4001741	5.03	6.39	6.03	4.45	2.86	1.9	3.44	3.9	2.72	**	*
	NT2RM4001746	27.18	35.45	35.48	20.34	15.62	12.62	17.33	16.68	21.57		
	NT2RM4001754	47.9	62.7	56.46	79.4	39.53	40.99	48.7	37.13	39.56		
35	NT2RM4001757	4.77	10.74	3.2	6.77	1.73	2.53	2.83	4.79	2.31		
	NT2RM4001758	8.89	8.75	6.1	8.32	3.51	5.38	5.98	8.51	9.88		
	NT2RM4001768	3.37	0.36	1.12	5.36	1.88	2.21	0.35	1.5	0.9		
	NT2RM4001775	6.53	3.93	5.59	8.91	3.97	5.25	4	3.54	3.16		
	NT2RM4001776	28.42	28.92	28.25	33.08	15.74	17.3	19.26	20.43	19.52	**	-
	NT2RM4001783	4.96	4.55	4.74	5.37	2.6	3.32	2.42	2.8	2.84	**	-
40	NT2RM4001793	14.95	13.94	19.52	14.23	7.85	12.31	14.46	13.31	17.08		
	NT2RM4001810	23.52	24.77	30.47	26.07	19.33	20.51	34.17	38.53	24.96		
	NT2RM4001813	9.51	6.59	9.34	11.22	3.7	8.5	12.3	12.03	14.87	*	+
	NT2RM4001818	4.65	1.67	8.39	7.01	2.88	5.12	5.55	5.88	5.41		
	NT2RM4001819	80.16	35.79	68.43	71.44	40.61	80.22	41.62	48.42	47.06		
45	NT2RM4001823	10.42	6.03	12.1	10.8	5.46	5.65	5.68	8.09	6.63		
	NT2RM4001828	3.57	2.82	6.95	5.66	1.65	1.21	2.42	1.92	2.31		
	NT2RM4001835	4.94	4.42	12.73	8.71	1.8	3.96	4.63	4.11	5.11		
	NT2RM4001836	5.12	3.81	8.12	5.95	1.63	1.85	2.61	3.45	2.12		
	NT2RM4001841	6.73	6.82	10.79	10.33	4.39	6.34	6.7	6.45	7.77		
	NT2RM4001842	2.89	4.82	4.7	7.5	2.83	2.4	3.82	3.29	2.69		
	NT2RM4001843	48.57	28.12	59.83	46.07	40.73	45.97	28.16	28.11	29.49		
50	NT2RM4001856	14.1	14.11	19.35	11.87	5.04	7.86	7.47	6.5	8.37	*	*
	NT2RM4001858	20.02	12.7	24.11	14.43	7.61	10.18	17.09	15.78	20.13		
	NT2RM4001861	14.08	10.48	18.84	13.72	9.53	5.84	12.28	18.05	13.36		
	NT2RM4001863	27.15	15.67	30.03	15.24	18.38	17.87	16.63	16.94	11.79		
	NT2RM4001865	8.03	9.87	15.29	7.44	8.43	5.34	6.68	5.7	6.95		
	NT2RM4001869	12.34	16.35	21.36	13.19	9.35	9.55	19.88	14.54	12.88		
55	NT2RM4001873	6.51	9.79	10.86	7.15	2.28	3.17	4.21	4.29	2.39	*	-
	NT2RM4001876	13.28	10.02	39.33	14.58	13.74	11.65	8.08	13.34	13.31		
	NT2RM4001880	22.41	18.46	28.54	18.91	14.09	15.45	13.74	18.99	19.02		

Table 416

	NT2RM4001885	71.31	49.62	81.98	53.98	43.04	45.93	68.83	64.57	48.87			
	NT2RM4001889	10.85	7.93	15.01	8.59	4.29	4.67	4.77	6.73	3.99			
5	NT2RM4001894	30.62	32.08	44.07	33.7	34.28	35.89	33.56	30.42	25.18			
	NT2RM4001897	8.76	10.37	11.73	7.79	4.55	4.65	3.35	3.47	2.33	*	**	-
	NT2RM4001899	4.19	5.18	10.36	7.76	5.5	4.54	4.99	5.17	3.45			
	NT2RM4001905	8.04	9.67	9.34	12.13	4.62	8.49	17.26	7.42	9.7			
	NT2RM4001922	10.52	7.5	13.46	10.13	4.31	4.77	4.26	7.33	9.75			
10	NT2RM4001930	42.04	27.93	35.21	26.34	18.3	24.57	35.05	37.8	24.49			
	NT2RM4001938	11.86	11.93	17.44	9.19	6.81	6.54	7.09	10.88	7.99	*		-
	NT2RM4001940	40.15	39.79	42.12	29.48	25.03	26.5	19.62	21.25	18.41	**	**	-
	NT2RM4001942	7.8	8.46	12.88	6.27	3.74	4.54	3.46	2.56	2.64	*		-
	NT2RM4001953	2.56	5.71	6.3	5.41	2.95	2.84	2.21	3.3	2.4			
	NT2RM4001965	9	9.88	11.74	9.82	12.01	7.33	7.4	10.04	8.64			
15	NT2RM4001966	51.68	52.74	61.28	70.45	40.89	59.05	88.01	53.06	72.22			
	NT2RM4001969	9.53	10.35	15.87	9.41	5.57	8.09	5.17	7.89	12.14			
	NT2RM4001974	12.36	21.98	16.69	16.74	8.35	12.5	5.35	17.32	22.51			
	NT2RM4001979	23.89	19.24	22.43	14.04	16.93	18.71	17.76	22.69	22.51			
	NT2RM4001980	94.16	97.18	94	64.27	69.09	81.77	75.44	72.18	71.63	*	**	-
	NT2RM4001984	9.67	8.39	11.58	7.27	4.78	4.84	2.35	4.35	2.8	*	**	-
20	NT2RM4001987	7.05	10.61	11.42	5.92	3.18	5.3	2.56	4.02	2.33	*	**	-
	NT2RM4002013	15.54	16.72	17.68	12.71	8.41	7.52	18.32	10.81	11.68	*		-
	NT2RM4002018	18.51	18.01	18.38	23.63	14.06	15.67	18.72	13.95	13.04			
	NT2RM4002033	6.2	4.97	12.78	7.92	4.07	6.05	2.33	3.53	3.27			
	NT2RM4002034	9.06	7.36	15.25	10.05	4.49	7.82	4.17	10.89	9.93			
	NT2RM4002044	29.35	20.58	32.58	18.82	16.22	17.19	21.2	22.06	24.1			
25	NT2RM4002047	20.66	17	25.07	17.46	15.74	9.49	16.1	15.14	16.08			
	NT2RM4002054	31.19	30.54	36.08	20.52	17.55	11.13	16.47	15.97	19.8	**	**	-
	NT2RM4002055	21.78	18.7	21.85	12.08	11.37	8.76	14.04	16.74	17.09	**	*	-
	NT2RM4002059	10.36	12.77	15.52	6.8	7.53	3.99	4.33	4.04	2.53	*	**	-
	NT2RM4002061	9	11	9.24	10.93	6.82	5.33	6.65	4.88	4.34	**		-
30	NT2RM4002062	97.19	68.62	99.9	109.04	77.98	163.08	52.62	59.12	71.01			
	NT2RM4002063	8.61	5.55	11.75	8.31	3.06	3.95	4.25	4.81	4.94			
	NT2RM4002066	7.96	8.56	22.27	12.72	22.89	4.97	2.38	10.48	2.89			
	NT2RM4002067	10.87	18.12	21.45	11.17	10.75	7.5	4.23	11.4	5.44			
	NT2RM4002073	34.87	29.49	32.35	16.42	15.53	13.85	5.51	8.53	5.15	**	**	-
	NT2RM4002074	13.13	16	13.48	9.5	9.68	8.27	2.81	4.16	5.74	**	**	-
	NT2RM4002075	12.66	9.69	13.41	10.12	6.41	6.32	4.7	4.84	4.77	**		-
35	NT2RM4002076	5.05	4.42	4.84	7.24	1.99	2.02	1.56	2.18	1.6	**		-
	NT2RM4002078	61.79	41.41	62.13	44.43	23.08	49.45	46.13	69.55	79.59			
	NT2RM4002081	12.47	11.63	21.52	11.3	5.46	8.36	4.38	5.75	7.06	*		-
	NT2RM4002082	28.78	23.31	28.71	31.25	27.4	16.48	17.58	15.02	15.49	**		-
	NT2RM4002093	9.61	9.51	12.26	11.79	5.58	6.25	5.84	7.44	5.28	*		-
	NT2RM4002109	5.91	6.93	10.41	8.11	5.84	4.18	3.3	3.14	2.63	*		-
40	NT2RM4002115	9.41	7.3	7.03	6.27	4.66	1.89	3.74	1.98	2.7	**		-
	NT2RM4002118	37.45	58.41	50.21	20.19	26.02	17.58	13.66	5.39	8.55	*	**	-
	NT2RM4002128	8.86	5.7	4.74	7.73	3.31	3.74	6.06	4.03	5.02			
	NT2RM4002137	10.72	7.46	13.29	9.5	3.57	7.97	5.86	8.61	6.51			
	NT2RM4002139	4.03	2.83	9.32	5.97	2.53	3.54	2.11	4.86	1.91			
	NT2RM4002140	13.52	11.7	18.78	14.09	10.76	8.24	10.97	13.55	10.92			
45	NT2RM4002145	9.85	17.52	15.66	7.49	7.31	6.12	9.29	8.25	6.8	*		-
	NT2RM4002146	53.03	50.09	60.28	48.49	40.37	39.91	51.33	53.96	59.3	*		-
	NT2RM4002161	42.85	50.59	52.56	30.41	24.15	28.58	27.02	24.86	21.9	**	**	-
	NT2RM4002174	10.01	10.09	12.11	7.53	4.92	3.2	3.7	2.29	3.16	*	**	-
	NT2RM4002178	12.55	13.35	13.21	15.19	8.36	11.5	9.67	9.09	6.99	**		-
	NT2RM4002180	29.73	19.51	29	18.7	7.96	18.84	13.92	22.12	26.06			
50	NT2RM4002185	43.79	41.64	55.35	22.67	17.47	26.66	26.11	42.39	45.09	**		-
	NT2RM4002189	7.67	6.89	10.29	5.96	5.23	2.74	5.92	2.8	1.53	*		-
	NT2RM4002194	41.77	35.89	39.22	19.41	14.19	21.77	29.88	28.52	30.53	**	**	-
	NT2RM4002198	65.16	103.48	83.23	24.68	28.75	36.65	24.56	34.17	38.68	**	*	-
	NT2RM4002205	10.02	12.63	11.47	6.5	3.78	3.22	4.61	2.19	6.22	**	**	-
	NT2RM4002213	21.88	23.22	24.09	13.45	7.91	12.62	20.89	17.99	21.66	**		-
55	NT2RM4002216	7.77	7.03	5.96	10.01	6.36	6.33	6.06	4.45	5.36			
	NT2RM4002226	41.57	37.46	37.46	67.73	42.88	64.51	42.92	35.21	34.67			
	NT2RM4002237	7.28	7.73	10.06	4.52	3.54	3.61	2.94	7.15	4.84	**		-

Table 417

	NT2RM4002240	41.31	33.08	34.96	23.86	21.39	33.98	42.08	38.96	43.61			
	NT2RM4002251	3.39	3.69	6.47	4.89	3.61	2.4	2.93	2.15	17.6		*	-
5	NT2RM4002256	4.28	3.3	5.05	4.37	2.61	2.38	2.35	2.33	1.46		*	-
	NT2RM4002262	25.4	21.79	26.58	14.04	9.23	12.13	20.41	14.34	24.05	**	-	+
	NT2RM4002266	32	29.71	28.68	24.62	15.02	21.58	34.67	32.96	37.69	*	*	+
	NT2RM4002276	14.45	13.71	15.67	14.53	13.36	16.53	16.37	10.08	9			
	NT2RM4002278	18.11	14.14	14.01	7.25	7.14	10.52	3.65	6.03	7.88	*	**	-
	NT2RM4002281	9.29	5.59	12.79	12.53	4.74	10.06	6.18	9.79	8.22			
10	NT2RM4002287	17.77	15.59	14.41	11.94	5.05	12.57	14.23	12.4	14.92			
	NT2RM4002294	5.99	6.14	6.14	5.51	2.38	5.99	3.64	2.35	2.91	**	-	-
	NT2RM4002298	64.75	62.55	58.47	42.58	28.72	43.54	69.57	64.59	61.46	**	-	-
	NT2RM4002301	3.57	3.23	3.63	6.49	2.3	3.07	3.59	2.99	3.21	*	*	+
	NT2RM4002306	25.86	19.13	24.79	14.02	9.84	17.37	30.57	32.67	35.82	*	*	+
15	NT2RM4002323	7.61	6.27	5.98	7.59	3.26	7.4	8.04	6.9	4.8			
	NT2RM4002334	14.45	6.6	16.75	21.2	9.98	15.23	10.19	12.3	13.22			
	NT2RM4002339	36.85	25.91	51.52	34.79	27.9	40.82	21.13	20.38	29.16			
	NT2RM4002344	17.19	8.04	22.21	10.94	8.27	8.93	15.04	14.72	15.42			
	NT2RM4002345	7.58	5.39	12.54	5.63	3.79	3.52	2.31	4.45	2.41			
	NT2RM4002352	44.06	33.96	54.03	33.98	35.28	37.69	25.21	30.31	27.97			
20	NT2RM4002362	39.95	26.35	45.23	28.03	24.7	27.77	28.92	25.64	24.85			
	NT2RM4002373	9.44	6.99	7.1	8.69	3.38	4.42	5.88	3.57	3.37	*	-	
	NT2RM4002374	0.94	1.53	2.98	5.8	0.19	1.91	2.19	2.71	2.57			
	NT2RM4002376	14.29	7.3	14.66	12.48	5.38	11.68	12.33	14.05	16.09			
	NT2RM4002383	5.57	4.67	12.54	5.61	3.39	2.94	3.24	5.28	6.45			
	NT2RM4002390	8.2	7.31	15.14	6.97	3.2	-6.3	4.57	6.71	7.54			
25	NT2RM4002398	16.51	8.98	16.5	15.05	12.49	8.92	7.11	8.76	5.38			
	NT2RM4002409	3.91	1.86	5.55	4.87	1.55	2.44	2.22	2.93	0.87			
	NT2RM4002414	18.86	15.16	32.88	21.65	23.59	21.32	20.36	19.06	17.22			
	NT2RM4002438	3.96	4.99	8.08	7.18	3.61	4.94	4.85	4.1	2.07			
	NT2RM4002440	32.39	17.01	28.92	38.22	20.77	30.03	30.94	26.11	25.22			
	NT2RM4002446	10.16	7.87	12.29	14.29	6.56	8.04	5.21	8.63	33.19			
30	NT2RM4002450	5.69	5.77	10.55	7.51	2.92	4.53	1.81	3.53	7.42			
	NT2RM4002452	15.3	12.15	20.1	12.34	7.95	8.52	9.04	11.33	9.95			
	NT2RM4002457	5.93	4.98	9.2	5.51	3.34	2.74	3.42	3.45	3.16			
	NT2RM4002458	5.3	7.18	8	7.94	5.54	4.54	4.93	4.05	3.12			
	NT2RM4002460	5.82	9.3	10.61	8.18	6.55	6.42	6.02	6.26	3.91			
	NT2RM4002464	5.03	6.81	7.71	5.37	2.82	2.94	2.52	3.29	2.23	*	-	
35	NT2RM4002479	40.28	37.05	46.08	41.61	24.81	36.24	37.84	34.54	34.16			
	NT2RM4002482	13.66	18.31	28.36	15.72	10.35	15.81	9.15	8.99	19.35			
	NT2RM4002489	15.44	12.03	20.84	12.49	8.35	8.73	7.84	10.26	14.04			
	NT2RM4002493	8.53	4.66	11.35	5.77	2.46	3.69	1.55	3.88	3.31			
	NT2RM4002499	16.96	15.44	26.91	11.24	8.53	18.09	18.09	16.97	14.06			
	NT2RM4002504	24.74	20.57	17.4	17.01	12.22	12.67	5.73	8.11	7.63	**	**	-
40	NT2RM4002506	9.92	11.26	12.04	6.45	4.68	4.22	2.88	4.99	2.98	*	**	-
	NT2RM4002510	17.14	20.34	27.62	13.7	8.64	11	8.3	5.68	5.29	*	**	-
	NT2RM4002527	5.27	5.32	5.24	9.73	2.73	4.8	7.63	6.1	4.65			
	NT2RM4002532	2.04	3.38	12.81	3.92	2.01	0.75	2.59	1.83	2.16			
	NT2RM4002534	6.24	4.2	12.1	6.74	2.8	3.26	1.86	3.47	2.45			
	NT2RM4002535	9.02	8.87	16.41	7.91	3.99	2.92	0.97	4.02	2.94	*	*	-
45	NT2RM4002554	6.47	7.38	8.92	4.87	2.87	2.29	2.04	1.83	1.15	*	**	-
	NT2RM4002558	10.72	10.21	14.55	8.7	6.67	5.1	5.89	7.82	7.9	*	*	-
	NT2RM4002565	7.12	9.02	9.26	6.37	4.46	3.35	5.55	4.05	5.46	*	*	-
	NT2RM4002567	8.35	6.05	12.48	6.62	4.6	3.2	2.87	5.5	6.18			
	NT2RM4002571	3.38	3.03	4.65	5.3	2.26	1.53	2.86	1.83	1.84			
	NT2RM4002572	3.42	1.92	7.29	5.02	1.66	0.9	0.78	0.74	1.09			
50	NT2RM4002577	17.78	12.61	20.74	8.52	7.02	10.13	3.18	8.47	5.97	*	*	-
	NT2RM4002583	26.66	37.71	48	24.28	17.87	13.18	6.06	13.66	11.34	*	*	-
	NT2RM4002584	24.55	35.28	41	25.45	15.38	14.04	7.11	11.26	5.72	**	**	-
	NT2RM4002593	13.18	11.32	14.62	7.42	4.85	4.9	3.83	4.05	2.43	**	**	-
	NT2RM4002594	17.08	15.66	20.52	11.9	10.96	5.12	3.63	4.19	2.45	*	**	-
	NT2RM4002604	8.24	6.88	8.88	5.84	3.74	2.95	2.65	0.99	1.52	*	**	-
55	NT2RM4002614	14.57	8.99	9.81	12.06	5.4	4.41	5.49	5.87	6.71	*	*	-
	NT2RM4002616	31.41	23.47	38.09	26.19	21.94	0.64	13.84	17.54	27			
	NT2RM4002623	6.22	6.78	13.92	7.63	3.69	4.81	3.87	5.8	5.63			

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	NT2RM4002634	8.22	4.99	13.16	9.11	4.37	3.31	1.21	3.45	2.39			
	NT2RM4002636	6.59	6.68	10.88	5.63	3.08	3.09	2.42	3.32	2.29	*	-	
5	NT2RP1000002	38.84	33.13	45.9	29.04	32.42	26.61	13.28	16.85	17.96	**	-	
	NT2RP1000006	16.16	12.37	15.85	10.42	5.99	5.72	9.46	7.81	8.28	* **	-	
	NT2RP1000015	7.32	9.13	12.92	6.24	3.84	1.22	4.29	2.29	4.19	*	-	
	NT2RP1000018	7.99	5.66	4.74	10.16	3.74	4.75	7.93	7.02	6.47			
	NT2RP1000034	93.68	89.94	88.11	64.65	53.66	86	72.54	94.51	102.97			
10	NT2RP1000035	18.17	13.62	22.35	15.17	8.64	11.35	7.31	9.51	10.39	*	-	
	NT2RP1000040	16.4	12.21	23.34	12.38	8.64	8.09	5.04	9.39	4.11	*	-	
	NT2RP1000042	3.77	4.47	8.66	6.24	2.47	2.4	1.5	1.51	0.43	*	-	
	NT2RP1000048	11.21	13.33	14.61	8.93	8.14	5.51	8.58	7.29	5.06	*	-	
	NT2RP1000050	5.73	12.28	7.67	5.34	2.29	5.33	2.26	2.09	1.81	*	-	
	NT2RP1000056	13.77	17.86	17.27	9.41	8.14	4.91	6.92	3.33	2.85	** **	-	
15	NT2RP1000058	2.7	2.41	1.36	4.8	0.95	2.39	2.76	1.39	2.38			
	NT2RP1000063	17.16	17.65	11.27	8.7	3.73	4.52	5.36	8.5	8.3	*	-	
	NT2RP1000068	29.14	23.7	36.49	16.13	16.83	12.51	21.73	27.58	32.86	*	-	
	NT2RP1000072	39.99	32.45	48.63	26.8	23.08	25.9	35.59	35.1	31.66	*	-	
	NT2RP1000073	30.81	35.89	43.46	17.05	9.38	10.22	9.08	9.67	9.54	** **	-	
	NT2RP1000078	9.27	9.25	12.57	6.24	5.48	5.5	2.69	7.89	4.73	*	-	
20	NT2RP1000079	5.69	6.1	5.36	5.53	2.36	2.02	2.99	2.23	1.19	**	-	
	NT2RP1000080	8.49	8.44	8.35	6.53	2.81	2.65	4.1	3.05	2.07	* **	-	
	NT2RP1000086	8.5	9.4	9.89	12.4	14.28	6.92	7.93	6.49	7.97	*	-	
	NT2RP1000087	90.2	68.37	62.22	84.59	56.96	88.52	51.31	53.27	70.97			
	NT2RP1000089	42.88	33.03	33.53	24.16	25.57	29.27	22.12	38.13	29.4	*	-	
	NT2RP1000090	36.01	34.5	36.9	42.34	38.64	45.67	26.7	26.11	29.29	* **	+	-
25	NT2RP1000100	842.61	1542.2	1396.7	306.69	827.1	384.76	1509.9	896.88	763.21	*	-	
	NT2RP1000101	35.43	98.15	94.63	31.12	33.53	50.26	29.26	23.54	17.24			
	NT2RP1000111	7.76	7.95	10.33	5.26	2.18	1.26	2.31	1.62	2.57	* **	-	
	NT2RP1000112	23.37	50.82	42.64	24.98	11.61	20.15	18.5	13.38	13.37	*	-	
	NT2RP1000124	25.62	22.22	19.79	7.84	2.34	7.4	4.52	4.07	4.19	** **	-	
	NT2RP1000125	10.72	8.67	12.07	7.14	2.95	7.79	4.48	7.44	4.25	*	-	
30	NT2RP1000129	53.88	53.28	57.25	42.69	30.82	50.19	47.48	64.98	53.17			
	NT2RP1000130	19.47	14.75	28.76	11.14	15.19	12.69	8.3	10.06	14.98			
	NT2RP1000154	3.93	3.52	5.78	5.04	1.58	2.69	2	2.85	2.74			
	NT2RP1000163	9.61	17.58	16	11.58	5.58	5.03	6.39	4.65	5.07	*	-	
	NT2RP1000170	4.53	4.62	7.7	6.31	2.3	2.01	2.67	3.54	2.2			
	NT2RP1000174	9.99	10.63	9.3	6.41	2.75	3.81	5.44	4.09	3.96	** **	-	
35	NT2RP1000181	14.26	14.61	16.73	10.84	15.44	12.79	10.24	5.66	5.53	**	-	
	NT2RP1000191	12.96	10.86	7.92	16.4	11.07	15.31	6.1	13.72	9.91			
	NT2RP1000202	24.16	14.94	24.74	18.17	11.59	9.79	7.42	9.13	15.3			
	NT2RP1000239	9.53	5.6	7.62	9.29	2.89	11.94	8.48	12.01	11.59			
	NT2RP1000243	6.22	4.43	4.68	7.85	5.29	6.41	2.34	3.31	5.03			
40	NT2RP1000255	12.37	12.15	15.41	16.34	7.48	13.06	9.35	10.82	12.98			
	NT2RP1000259	10.81	8.35	10.69	9.6	2.44	9.12	13.53	11.26	13.39			
	NT2RP1000261	8.39	2.66	5.85	15.75	5.57	6.12	7.38	4.73	4.58			
	NT2RP1000269	2.25	3.12	1.21	5.48	2.06	2.18	4.74	1.71	2.26			
	NT2RP1000271	20.23	11.57	26.77	18.9	8.83	20.16	9.94	14.85	10.84			
	NT2RP1000272	2.12	2.3	9.68	5.22	1.59	2.18	2.89	2.48	2.25			
	NT2RP1000279	10.54	8.91	14.66	10.51	4.61	8.63	10.77	11.05	13.98			
45	NT2RP1000290	6.06	4.1	11.1	13.63	4.43	7.63	6.81	6.19	8.17			
	NT2RP1000293	3.83	4.19	7.55	5.54	1.62	3.86	2.95	1.13	3.16			
	NT2RP1000331	4.37	2.83	13.34	5.34	2.19	3.45	2.73	6.07	2.66			
	NT2RP1000333	10.16	8.8	16.01	10.64	5.56	6.94	8.71	5.87	8.68			
	NT2RP1000336	18.67	16.33	24.52	12.77	10.82	14.23	17.03	16.82	19.7			
	NT2RP1000347	3.46	4.07	7.92	6.45	3	4.58	4.14	3.03	3.73			
50	NT2RP1000348	34.17	39.38	47.03	19.99	17.54	15.37	14.54	7.37	12.73	** **	-	
	NT2RP1000349	3.22	4.33	6.7	6.49	4.16	3.15	4.9	4.23	3.34			
	NT2RP1000353	180.66	121.66	192.83	151.27	98.19	147.88	118.94	165.86	159.59			
	NT2RP1000356	8.01	8.29	12.26	8.92	4.2	7.42	6.21	5.29	12.39			
	NT2RP1000357	38.01	31.52	38.61	32.16	21.31	27.89	24.36	33.21	30.56			
	NT2RP1000358	9.65	6.55	14.28	10.15	5.03	7.68	4.14	4.11	2.37	*	-	
55	NT2RP1000360	11.08	7.25	16.85	18.78	9.48	8.41	8.09	9.21	9.08			
	NT2RP1000363	37.26	30.39	52.28	41.73	39.62	39.87	33.79	24.41	33.64			
	NT2RP1000376	6.26	6.27	9.53	5.76	4.97	3.76	4.87	4.58	3.63			

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	NT2RP1000386	37.77	48.73	51.62	24.07	21.15	29.99	24.61	14.84	15.66	*	**	-	-
	NT2RP1000407	20.7	11.19	17.51	22.94	11.29	15.13	8.7	15.9	29.09			-	-
5	NT2RP1000409	24.93	20.8	32.63	23.46	10.36	22.79	11.36	15.76	11.35	*		-	-
	NT2RP1000413	24.89	20.12	32.27	23.23	14.81	20.34	6.71	17.88	15.72			-	-
	NT2RP1000416	9.92	9.55	19.32	9.98	6.1	6.11	5.35	8.54	6.35			-	-
	NT2RP1000418	5.47	5.48	8.66	6.04	3.54	3.99	4.07	4.75	2.23			-	-
	NT2RP1000420	22.79	21.95	33.37	16.39	16.84	13.03	9.29	9.88	11.08		*	-	-
	NT2RP1000434	13.91	15.33	17.37	9.5	9.94	9.87	16.13	15.05	16.89	**		-	-
10	NT2RP1000439	25.29	35.1	29.04	26.55	26.88	19.87	29.22	23.74	23.38			-	-
	NT2RP1000443	20.2	15.54	27.59	12.04	8.66	7.66	5.79	6.64	10.23	*	*	-	-
	NT2RP1000447	8.08	15.72	18.03	9.49	4.04	7.9	4.98	7.69	18.07			-	-
	NT2RP1000448	3.96	4.08	14.01	5.34	1.34	3.27	1.83	3.09	2.48			-	-
	NT2RP1000451	4.39	7.13	7.39	6.28	2.08	2.05	2.16	2.95	1.76	*		-	-
	NT2RP1000458	7.7	7.09	11.38	7.06	4.06	2.49	4.41	2.72	2.94	*		-	-
15	NT2RP1000465	3.88	6.63	8.77	6.04	2.34	3	3.32	3.69	3.78			-	-
	NT2RP1000468	10.59	11.91	14.42	9.41	9.31	7.51	8.52	6	7.58	*	*	-	-
	NT2RP1000470	5.79	2.68	10.41	5.27	1.59	4.02	1.42	2.51	2.5			-	-
	NT2RP1000477	92.32	107.32	97.76	75.25	82.97	57.94	30.6	83.57	85.18	*		-	-
	NT2RP1000478	15.37	19.72	31.56	11.53	8.67	8.82	5.74	7.51	6.16			-	-
20	NT2RP1000481	26.31	30.78	29.03	24.24	26.58	11.39	8.04	10.78	12.11	**		-	-
	NT2RP1000493	20.43	14.94	23.34	16.46	8.49	8.21	13.43	15.08	18.68			-	-
	NT2RP1000513	46.32	35.58	52.07	60.82	43.2	48.5	36.73	37.16	31.64			-	-
	NT2RP1000522	31.35	42.08	42.76	21.13	28.37	20.27	18.09	8.09	12.01	*	**	-	-
	NT2RP1000533	3.26	4.01	2.16	4.33	1.36	1.15	1.34	1	0.91	*		-	-
	NT2RP1000544	15.77	9.6	19.95	8.16	5.29	4.62	4.57	9.59	8.27	*		-	-
25	NT2RP1000547	6.82	3.97	11.11	7.34	2.91	3.12	1.8	4.52	2.98			-	-
	NT2RP1000551	7.57	6.25	20.26	6.79	4.51	3.96	3.69	5.06	3.29			-	-
	NT2RP1000567	7.5	7.79	12.24	11.47	5.44	5.98	2.72	3.24	2.13	*		-	-
	NT2RP1000574	10.39	7.63	14.91	6.66	4.35	2.94	2.41	2.6	3.1	*		-	-
	NT2RP1000577	6.72	6.64	7.37	6.99	2.31	2.08	2	3.14	1.89	**		-	-
	NT2RP1000578	6.59	4.72	10.08	5.29	2.62	2.74	2.3	1.65	2.85	*		-	-
30	NT2RP1000581	11.66	12.4	16.41	11.21	8.47	7.93	11.76	7.04	4.88			-	-
	NT2RP1000593	11.3	18.39	27.51	6.2	5.55	5.03	1.75	7.5	4.02	*	*	-	-
	NT2RP1000604	24.51	26.11	37.01	27.05	13.43	25.97	13.69	26.68	23.37			-	-
	NT2RP1000609	11.66	13.43	21.36	13.95	9.13	6.99	3.92	12.37	8.18			-	-
	NT2RP1000613	17.95	20.62	29.59	15.28	14.93	12.95	12.7	12.66	9.93	*		-	-
35	NT2RP1000622	5.38	3.34	9.13	5.39	2.07	1.13	2.51	2.21	0.46			-	-
	NT2RP1000627	4.69	3.23	5.07	4.57	2.03	1.44	1.45	1.18	1.66	**		-	-
	NT2RP1000629	8.08	7.69	11.36	7.12	3.71	2.97	5.95	2.89	3.59	*		-	-
	NT2RP1000630	7.73	9.3	8.35	7.9	4.49	4.92	4.54	3.4	2.81	**		-	-
	NT2RP1000639	15.2	13.58	16.62	7.62	5.84	8.02	4.83	7.17	5.87	**	**	-	-
	NT2RP1000640	7.36	9.59	17.46	8.53	6.74	8.49	5.28	6.04	7.68			-	-
	NT2RP1000646	4.24	5.51	12.04	6.49	2.96	3.77	4.79	5.79	2.35			-	-
40	NT2RP1000659	23.32	18.8	20.24	8.66	11.69	4.88	4.8	5.33	5.99	**	**	-	-
	NT2RP1000674	5.93	7.17	11.83	6.23	3.45	3.46	1.76	2.58	3.57	*		-	-
	NT2RP1000677	14.6	24.32	25.71	10.51	12.87	7.3	5.18	10.1	7.28	*	*	-	-
	NT2RP1000679	49.27	69.62	36.95	29.7	31.01	14.48	34.6	17.18	10.04			-	-
	NT2RP1000688	8.01	6.65	7.8	7.2	2.8	2.42	6.02	2.46	2.38	*		-	-
	NT2RP1000689	32.73	30.66	30.93	19.81	8.55	17.9	17.63	24.88	21.39	*	**	-	-
45	NT2RP1000695	17.35	14.65	15.87	10.45	3.47	5.36	2.82	6.77	7.19	*	**	-	-
	NT2RP1000701	7.19	4.67	10.84	7.55	5.43	2.64	2.6	8.76	2.45			-	-
	NT2RP1000702	7.2	10.25	10.38	5.65	2.25	1.64	3.18	3.24	2.79	*	**	-	-
	NT2RP1000713	7.21	6.46	7.91	6.66	2.57	3.12	4.23	3.89	1.7	*		-	-
	NT2RP1000721	15.01	8.63	33.56	6.6	3.3	4.77	2.95	3.62	2.32			-	-
	NT2RP1000730	34.22	37.43	42.87	27.42	15.22	17.38	23.72	15.85	27.4	*	*	-	-
50	NT2RP1000733	9.95	10.41	8.91	8.92	3.88	5.5	7.94	2.92	5.71	*		-	-
	NT2RP1000738	1.62	1.49	4.67	5.56	1.13	3.01	1.45	2.92	1.28			-	-
	NT2RP1000739	19.87	17.5	27.32	13.76	6.59	15.22	15.07	28.31	27.46			-	-
	NT2RP1000740	10.94	13.28	13.49	8.2	7.61	6.64	6.43	11.92	8.57	**		-	-
	NT2RP1000746	3.82	5.92	7.73	5.64	4.22	2.64	2.76	3.96	2.29			-	-
	NT2RP1000750	12.79	9.22	13.66	7.67	4.28	4.14	7.19	4.29	4.16	*	*	-	-
55	NT2RP1000751	10.42	10.46	12.4	8.57	5.65	4.98	4.2	5.02	5.07	*	**	-	-
	NT2RP1000767	10.46	7.93	10.97	6.93	2.33	2.54	1.45	2.21	3.81	*	**	-	-
	NT2RP1000769	4.03	4.96	3.53	5.29	3.09	2.58	3.04	5.45	2.56			-	-

Table 420

	NT2RP1000780	19.06	11.29	17.88	11.55	12.19	16.36	7.6	12.92	8.96			
	NT2RP1000782	3.8	1.98	4.82	5.26	2.11	4.2	3.73	3.14	3.38			
5	NT2RP1000796	23.21	12.88	16.72	19.54	7.34	8.03	3.16	8.05	3.72	*	-	
	NT2RP1000797	8.11	7.21	12.88	6.28	1.88	5.78	3.95	3.02	3.35	*	-	
	NT2RP1000800	6.36	7.42	8.45	6.35	6.28	4.56	5.14	4.53	6.09	*	-	
	NT2RP1000825	6.14	10.58	8.77	8.58	2.44	5.18	5.33	5.66	4.12			
	NT2RP1000833	6.32	4.62	5.45	7.5	3.18	3.17	4.57	14.3	3			
10	NT2RP1000834	12.66	13.91	14.59	8.48	3.38	6.31	7.69	5.15	4.86	**	**	-
	NT2RP1000836	6.87	3.86	10.29	7.94	2.62	4.87	5.98	4.8	8.86			
	NT2RP1000837	4.76	2.83	13.29	5.43	1.86	3.86	3.47	3.54	3.43			
	NT2RP1000846	14.34	10.47	22.36	10.56	7.41	9.61	13.44	9.9	11.55			
	NT2RP1000847	17.63	21.93	45.89	20.33	17.15	15.75	21.4	13.87	15.38			
	NT2RP1000851	3.61	3.71	7.21	5	2.22	2.83	3.04	2.47	2.36			
15	NT2RP1000856	15.4	23.9	24.75	12.89	7.5	8.85	6.97	4.98	5.2	*	**	-
	NT2RP1000860	5.61	4.82	11.39	9.47	4.26	7.06	6.83	5.9	5.93			
	NT2RP1000902	10.67	7.93	13.65	15.09	8.49	17.09	4.79	9.4	9.51			
	NT2RP1000903	14.49	11.64	18.42	14.24	5.67	14.38	12.23	14.45	21.38			
	NT2RP1000905	11.82	8.69	16.54	6.96	4.86	6.4	5.28	5.14	5.21	*		-
20	NT2RP1000915	63.69	60.39	85.78	55.83	55.49	63.74	77.2	80.56	84.89			
	NT2RP1000916	81.28	82.59	69.7	73.31	86.67	61.79	53.76	46.45	55.88	**	-	
	NT2RP1000921	71.86	52.08	72.49	27.75	31.76	38.72	21.98	23.9	25.92	*	**	-
	NT2RP1000943	6.66	5.16	12.72	6.58	6.6	3.97	5.26	4.45	3.75			
	NT2RP1000944	36.56	43.79	53.16	29.61	24.97	30.98	38.1	30.4	32.9	*	-	
	NT2RP1000947	229.13	162.3	242.56	211.36	169.75	208.5	187.13	230.69	193.69			
	NT2RP1000954	8.73	6.8	11.31	9.14	2.72	5.18	2.45	4.94	9.97			
25	NT2RP1000958	12.83	9.08	19.99	13.3	9.58	12.08	6.34	10.95	18.7			
	NT2RP1000959	51.88	27.73	29.26	17.4	13.14	15.25	9.23	12.74	9.9	*	-	
	NT2RP1000966	30.03	20.71	21.11	23.97	20.83	19.34	9.71	14.32	8.82	*	-	
	NT2RP1000974	16.61	13.83	23.36	13.15	11.64	14.93	7.2	7.22	7.83	*	-	
	NT2RP1000980	85.21	82.27	107.69	76.1	98.09	99.97	80	57.54	67.02			
30	NT2RP1000981	14.84	15.8	18.22	12.59	10.09	13.46	23.72	16.48	19.72	*	-	
	NT2RP1000988	21.09	10.38	16.08	11.96	7.25	9.77	8.85	10.68	7.42			
	NT2RP1001002	23.42	12.11	26.95	15.71	9.49	11.37	4.76	9.9	15.94			
	NT2RP1001004	3.32	4.31	12.34	5.67	1.55	2.59	2.12	2.77	2.28			
	NT2RP1001007	5.36	4.39	9.57	6.91	2.92	2.64	2.01	3.93	1.56			
	NT2RP1001011	5.98	5.54	6.16	6.28	2.04	2.66	2.36	4.56	2.02	*	-	
35	NT2RP1001013	168.04	170.77	232.56	168.44	147.11	154.85	176.26	171.79	185.19			
	NT2RP1001014	13.02	16.54	16.26	8.7	8	7.08	6.95	5.62	4.04	**	**	-
	NT2RP1001020	12.63	15.72	12.22	15.74	11.78	16.3	13.8	9.3	14.27			
	NT2RP1001023	16.05	14.39	18.27	13.53	16.55	17.02	5.93	11.56	12.91			
	NT2RP1001027	5.55	8.55	17.95	9.25	6.73	6.98	2.42	5.11	5.43			
	NT2RP1001031	5.67	4.8	13.77	5.12	2.4	2.34	1.77	3.34	2.2			
40	NT2RP1001033	7.93	6.3	11.72	6.43	4.31	2.18	2.83	5.21	2.62	*	-	
	NT2RP1001042	63.59	58.82	65.69	59.83	59.66	45.94	71.71	83.48	74.44	*	†	
	NT2RP1001045	9.83	10.21	13.29	8.26	4.99	5.95	3.06	4.58	3.85	*	**	-
	NT2RP1001073	12.41	18.41	17.37	9.19	7.47	7.07	4.73	4.66	5.19	*	**	-
	NT2RP1001079	38.47	46.51	52.14	22.17	29.03	25.48	25.23	15.77	15.85	*	**	-
	NT2RP1001080	21.61	6.66	17.31	12.32	7.25	12.68	6.59	12.92	8.31			
	NT2RP1001113	57.87	45.81	82.08	49.33	42.8	51.52	16.27	50.38	44.76			
45	NT2RP1001159	7.51	4.75	14.77	8.2	4.64	7.14	4.3	5.24	3.99			
	NT2RP1001173	4.39	5.23	11.13	7.48	3.15	1.42	1.19	2.31	1.17			
	NT2RP1001176	52.66	45.96	57.66	32.33	25.13	21.71	19.56	17.05	21.12	**	**	-
	NT2RP1001177	10.79	9.96	12.22	5.4	2.87	3.22	4.03	4.39	5.3	**	**	-
	NT2RP1001185	14.18	11.86	11.53	9.31	7.59	5.91	7.44	8.55	7.87	*	**	-
50	NT2RP1001199	13.52	13.24	12.28	9.53	6.55	5.34	4.8	3.41	3.43	*	**	-
	NT2RP1001205	93.58	72.48	94.49	51.42	53.78	86.93	52.32	75.19	84.87			
	NT2RP1001215	17.01	15.57	25.94	10.31	11.47	12.47	9.75	16.75	14.31			
	NT2RP1001225	11.8	18.2	17.52	11.07	6.07	5.97	4.13	11.34	3.6	*	*	-
	NT2RP1001245	6.59	5.31	9.93	6.03	2.96	4.57	2.73	3.24	2.91	*		-
	NT2RP1001247	6.32	3.32	10.27	4.35	3.87	3.01	3.42	3.7	1.09			
	NT2RP1001248	15.25	12.77	20.45	15.52	14.1	11.98	13.33	13.26	15.08			
55	NT2RP1001253	84.68	116.5	77.6	46.18	37.13	24.55	27.4	9.2	25.65	*	**	-
	NT2RP1001286	5.14	8.32	6.96	7.42	3.69	3.62	3.74	2.33	2.9	*		-
	NT2RP1001294	57.97	32.23	60.31	62.38	43.54	78.24	53.21	40.65	43.49			

Table 421

	NT2RP1001302	13.32	15.35	23.89	11.51	7.14	10.86	5.3	9.24	8.54	*	*	-
5	NT2RP1001310	78.58	77.83	107.95	40.93	36.67	35.03	13.95	16.52	15.88	**	**	-
	NT2RP1001311	12.5	10.19	20.17	13.97	8.87	11.71	8.61	11.48	9.2	*	*	-
	NT2RP1001313	47.33	35.38	51.8	18.55	17.75	13.75	4.5	6.14	3.62	**	**	-
	NT2RP1001324	13.11	11.52	14.26	8.91	7.65	4.65	7	7.07	7.14	*	*	-
	NT2RP1001349	8.69	8.34	8.01	6.09	3.96	4.38	3.75	1.87	3.49	**	**	-
	NT2RP1001361	9.54	13.7	11.81	11.62	6.33	6.68	6.92	4.67	4.5	*	*	-
10	NT2RP1001379	13.14	11.82	15.33	13.1	6.47	9.99	7.99	14.61	8.34	*	*	-
	NT2RP1001385	24.66	22.66	28.03	8.27	7.17	9.45	13.37	13.91	22.49	**	**	-
	NT2RP1001395	5.65	15.28	10.96	10.51	4.01	1.7	3.74	3.38	2.71	*	*	-
	NT2RP1001410	13.37	15.22	15.93	8.65	10.09	5.26	5.57	5.86	7.15	*	*	-
	NT2RP1001424	28.73	25.67	34.05	32.06	24.11	29.55	22.85	15.99	24.49	*	*	-
	NT2RP1001432	9.64	7.96	12.22	8.86	4.28	6.46	5.04	7.62	6.96	*	*	-
15	NT2RP1001449	19.34	21.85	20.51	10.44	6.36	4.06	9.88	5.66	6.23	**	**	-
	NT2RP1001457	23.3	38.81	37.3	24.2	13.72	10.77	10.68	7.09	13.11	*	*	-
	NT2RP1001459	13.65	11.76	16.02	12.39	4.68	8.62	6.06	9.05	6.34	*	*	-
	NT2RP1001466	8.39	4.23	8.84	7.44	4.36	4.01	3.12	6.63	4.14	*	*	-
	NT2RP1001475	11.89	17.85	12.86	11.05	10.38	6.52	5.05	12.24	6.54	*	*	-
	NT2RP1001482	15.19	20.93	20.15	19.85	11.71	18.03	11.8	14.09	12.75	*	*	-
20	NT2RP1001494	3.95	5.63	10.18	5.63	2.65	3.16	2.73	3.52	2.73	*	*	-
	NT2RP1001500	9.08	4.79	11.52	5.37	1.85	1.77	2.31	4.4	3.24	*	*	-
	NT2RP1001517	18.13	18.45	18.1	8.4	4.89	3.69	7.15	5.46	6.44	**	**	-
	NT2RP1001540	28.09	31.99	28.56	25.07	15.6	22.78	25.04	22.39	21.45	*	*	-
	NT2RP1001543	20.19	16.33	24.14	16.6	10.69	13.4	7.07	16.07	9.64	*	*	-
	NT2RP1001546	12.99	15.98	15.41	9.88	3.03	7.01	6.04	9.72	7.53	*	*	-
25	NT2RP1001550	8.32	14.7	14.31	7.95	15.82	5.57	6.4	9.76	9.43	*	*	-
	NT2RP1001553	5.3	7.23	13.14	7.37	4.11	4.11	3.68	3.77	3.88	*	*	-
	NT2RP1001555	54.76	52.6	55.46	31.87	21.44	34.31	43.17	41.32	32.44	**	*	-
	NT2RP1001563	39.08	33.85	48.64	38.88	21.62	23.18	31.1	28.26	33.8	*	*	-
	NT2RP1001569	3.96	1.69	1.05	5.34	1.73	1.64	1.66	1.23	2	*	*	-
	NT2RP1001584	172.68	220.01	198.04	20.64	11.47	19.54	81.72	38.4	33.43	**	**	-
30	NT2RP1001599	4.12	3.82	5.18	7.25	3.83	4.97	3.61	3.84	3.39	*	*	-
	NT2RP1001616	4.03	1.77	2.09	6.09	1.64	4	2.04	2.76	1.59	*	*	-
	NT2RP1001654	14.62	9.64	12.33	11.97	7.7	10.52	5.54	7.93	4.12	*	*	-
	NT2RP1001665	5.76	6.54	8.08	8.07	4.13	4.72	3.98	9.32	5.29	*	*	-
	NT2RP1001679	8.69	7.12	7.86	9.21	3.08	4.08	4.04	6.22	5.1	*	*	-
35	NT2RP1001681	18.99	18.82	24.49	14.39	5.58	9.22	11.12	13.68	12.99	*	*	-
	NT2RP1001694	6.52	3.33	5.96	7.17	2.61	3.23	4.87	4.47	3.87	*	*	-
	NT2RP2000001	6.24	4.74	8.49	6.13	5.97	4.89	6.42	5.79	3.58	*	*	-
	NT2RP2000006	9.03	5.67	13.4	11.28	7.14	5.76	7.62	8.34	6.39	*	*	-
	NT2RP2000007	10.8	6.31	17.13	11.11	4.89	9.86	6.74	8.3	8.67	*	*	-
	NT2RP2000008	5.65	3.68	9.46	7.12	2.84	3.88	3.74	5.6	5.37	*	*	-
	NT2RP2000010	6.84	5.53	11.05	6.98	2.63	4.35	3.2	3.54	2.21	*	*	-
40	NT2RP2000011	9.36	13.46	17.26	10.79	6.33	9.28	5.31	3.23	5.5	*	*	-
	NT2RP2000027	3.47	3.05	7.32	6.1	1.45	4.19	3.16	3	5.68	*	*	-
	NT2RP2000028	4.74	6.32	6.74	8.06	2.13	4.67	3.21	1.66	4.03	*	*	-
	NT2RP2000032	3.24	7.28	8.03	10.28	5.5	7.28	3.26	3.13	4.05	*	*	-
	NT2RP2000040	15.29	8.48	28.46	11.5	6.66	9.38	4.88	6.35	7.25	*	*	-
45	NT2RP2000042	21.14	15.46	35.04	11.42	8.01	11.22	12.48	11.99	17.82	*	*	-
	NT2RP2000045	5.83	3.94	13.32	7.43	3.18	3.46	3.62	5.2	3.95	*	*	-
	NT2RP2000051	13.61	9.89	23.1	13.04	8.32	9.72	10.33	13.1	11.12	*	*	-
	NT2RP2000054	16.51	12.89	19.57	11.63	9.66	11.02	9.64	7.65	7.91	*	*	-
	NT2RP2000056	6.15	6.7	14.22	6.37	4.1	4.09	7.75	7.98	8.74	*	*	-
	NT2RP2000057	7.7	5.49	9.31	7.63	5.41	5.64	12.9	3.34	4	*	*	-
	NT2RP2000067	7.64	15.12	15.54	18.12	16.74	10.35	9.45	6.54	9.35	*	*	-
50	NT2RP2000070	522.83	440.99	557.3	464.06	449.31	610.82	418.05	662.99	650.93	*	*	-
	NT2RP2000076	6.99	4.98	10.04	7.01	1.06	1.43	1.54	3.61	5.67	*	*	-
	NT2RP2000077	14.55	10.4	23.49	9.32	7.18	6.26	8.55	8.84	8.57	*	*	-
	NT2RP2000079	9.19	8.49	12.44	8.77	5.26	7.56	6.72	6.46	6.39	*	*	-
	NT2RP2000088	17.05	20.32	26.56	22.32	20.65	23.39	19.38	14.35	14.55	*	*	-
	NT2RP2000091	33.24	19.21	39.37	24.16	20.9	17.89	11.58	9.95	7.77	*	*	-
55	NT2RP2000092	0.22	2.2	2.32	4.37	1.08	1	2.25	1.85	1.49	*	*	-
	NT2RP2000097	10.19	11.77	12.54	11.39	5.79	8.17	7.35	3.3	4.01	**	**	-
	NT2RP2000098	14.34	13.24	18.96	13.26	6.07	9.3	5.46	9.38	18.63	*	*	-

Table 422

	NT2RP2000108	10.87	8.33	17.31	10.58	6.71	6.74	4.11	5.62	13.35				
	NT2RP2000114	14.61	10.83	24.65	15.49	7.8	10.66	10.74	13.91	10.18				
5	NT2RP2000116	12.92	13.17	18.63	12.07	8.1	10.87	4.57	5.57	3.24		**	-	-
	NT2RP2000119	50.32	47.2	56.58	31.02	20.71	31.82	30.15	29.31	28.57	**	**	-	-
	NT2RP2000120	7.9	9.18	10.99	6.62	6.21	6.5	4.81	5.84	4.99	*	*	-	-
	NT2RP2000126	27.18	24.32	32.55	18.42	11.34	17.52	24.37	18.13	19.51	*		-	-
	NT2RP2000133	6.31	5.61	8.16	7.63	3.91	7.78	7.66	10.7	6.35			-	-
10	NT2RP2000147	12.98	10.72	23.8	11.64	4.41	11.41	3.62	6.37	10.62			-	-
	NT2RP2000153	4.49	6.28	13.18	7.15	3.26	3.2	2.66	3.8	4.92			-	-
	NT2RP2000156	7.61	6.37	12.56	6.43	4.23	4.03	2.05	6.21	1.59			-	-
	NT2RP2000167	64.87	55.86	69.1	57.96	47.99	49.02	51.12	61.28	54.87			-	-
	NT2RP2000161	8.86	7.44	9.1	8.5	4.93	4.27	4.28	4.21	2.7	**		-	-
	NT2RP2000168	8.64	8.81	11.56	8.06	4.98	11.13	4.05	3.85	9.74			-	-
15	NT2RP2000173	5.87	12.11	13.07	7.31	10.56	7.74	13.29	16.36	4.1			-	-
	NT2RP2000175	6.28	5.9	5.57	9.33	4.37	3.63	5.8	5.65	4.1			-	-
	NT2RP2000178	7.4	9.25	18.07	7.99	4.34	5.36	2.6	5.71	4.5			-	-
	NT2RP2000183	5.74	7.89	15.69	7.74	4.42	5.84	3.67	6.86	4.04			-	-
	NT2RP2000195	16.12	12.54	17.86	16.63	13.32	13.8	5.12	8.05	4.54	**		-	-
	NT2RP2000204	22.18	23.46	35.46	16.84	14.7	7.3	7.36	8.83	4.75	*		-	-
20	NT2RP2000205	306.16	263.17	279.79	153.75	186.84	122.03	44.13	69.43	57.15	**	**	-	-
	NT2RP2000208	5.24	2.8	6.75	5.38	2.18	0.7	2.69	2.06	2.36			-	-
	NT2RP2000224	24.97	24.03	27.21	17.41	19.54	13.73	10.21	10.44	6.58	*	**	-	-
	NT2RP2000230	26.52	31.48	20.02	29.78	28.26	14.04	27.93	14.94	32.18			-	-
	NT2RP2000231	102.91	95.51	132.32	51.89	45.81	56.22	28.1	59.69	105.21	**		-	-
	NT2RP2000232	18.39	14.23	28.59	15.4	9.71	12.46	6.13	9.73	7.72	*		-	-
25	NT2RP2000233	7.64	7.96	15.89	7.58	4.07	3.39	2.14	3	2.26	*		-	-
	NT2RP2000236	66.01	139	172.9	85.94	84.53	44.49	55.89	55.75	25.78			-	-
	NT2RP2000240	5.47	3.94	10.61	4.6	1.25	2.17	1.78	2.32	0.43			-	-
	NT2RP2000248	6.07	5.52	8.36	6.23	4.28	2.64	2.65	2.47	2.64	**		-	-
	NT2RP2000256	16.57	14.62	18.18	13.37	8.16	8.91	7.89	5.94	4.14	*	**	-	-
	NT2RP2000257	39.73	47.22	36.2	40.72	25.44	29.27	36.28	29.33	25.56			-	-
30	NT2RP2000258	13.09	11.66	21.23	12.78	8.27	8.08	5.57	13.01	9.17			-	-
	NT2RP2000261	8.27	7.35	17.74	7.68	2.93	4.17	3.42	5.31	3.64			-	-
	NT2RP2000270	3.96	6.69	13.81	17.92	6.26	3.85	3.35	9.95	4.71			-	-
	NT2RP2000274	91.36	80.94	71.7	59.79	55.47	43.9	66.54	63.63	61.61	*	*	-	-
	NT2RP2000277	4.35	3.88	5.68	6.38	1.67	1.79	1.78	1.55	2.23	**		-	-
	NT2RP2000279	7.44	6.18	9.49	6.39	2.22	2.73	3.81	2.76	3.21	*		-	-
35	NT2RP2000283	5.12	8.14	7.43	6.14	1.91	2.31	3.36	2.12	4.13	*		-	-
	NT2RP2000288	10.29	7.99	9.75	9.32	5.86	5.55	9.02	7.12	9.38			-	-
	NT2RP2000289	21.4	17.79	32.55	15.37	7.32	16.77	22.06	23.42	27.43			-	-
	NT2RP2000297	4.51	6.32	10.63	6.94	2.23	3.64	3.53	4.19	2.55			-	-
	NT2RP2000298	8.05	8.79	13.64	5.87	3.8	2.92	2.96	3.04	1.11	*	*	-	-
	NT2RP2000310	80.52	91.37	87.72	32.16	27.21	29.67	20.91	14.48	20.59	**	**	-	-
40	NT2RP2000327	9.08	9.43	13.33	5.88	3.81	4.9	2.31	2.04	2.13	*	**	-	-
	NT2RP2000328	21.82	17.34	15.94	8.37	8.84	6.89	5.86	4.83	2.63	**	**	-	-
	NT2RP2000329	17.76	16.87	20.08	10.58	7.07	6.38	10.73	6.62	8.14	**	**	-	-
	NT2RP2000333	8.83	7.98	9.31	8.74	1.76	4.67	8.04	7.67	6.48			-	-
	NT2RP2000337	26.86	26.84	31.77	17.74	6.47	12.94	6.6	13.35	15.87	*	**	-	-
	NT2RP2000346	6.79	9.29	9.75	14.24	7.42	4.46	6.69	17.82	10.4			-	-
45	NT2RP2000357	14.11	13.18	22.49	5.83	2.27	3.95	3.56	4.39	2.66	*	*	-	-
	NT2RP2000358	9.23	5.13	8.16	5.34	2.02	3.61	4.07	3.18	2.94	*		-	-
	NT2RP2000366	5.06	4.61	6.09	5.12	1.19	2.67	2.27	2.31	1.55	**		-	-
	NT2RP2000369	29.84	26.23	39.9	17.03	12.11	15.49	15.78	7.96	15.06	*	*	-	-
	NT2RP2000376	26.15	35.86	51.75	24.31	15.42	18.34	35.37	27.75	35.03			-	-
50	NT2RP2000394	11.62	6.66	9.45	10.5	5.28	8.79	9.06	9.09	12.53			-	-
	NT2RP2000396	2.03	7.18	10.2	4.43	3.16	1.53	2.05	5.24	2.77			-	-
	NT2RP2000412	13.13	15.96	18.35	14.6	6.73	8.07	6.73	16.17	12.59			-	-
	NT2RP2000414	19.9	19.23	18.62	8.95	6.33	5.66	6.29	8.15	6.52	**	**	-	-
	NT2RP2000420	5.15	7.34	11.45	10.83	6.03	5.33	5.71	4.93	7.76			-	-
	NT2RP2000422	10.72	8.26	11.6	8.9	4.28	5.31	4.96	4.79	6.17	*		-	-
	NT2RP2000426	7.55	6.99	6.8	4.75	1.02	1.72	2.91	2.26	1.94	*	**	-	-
55	NT2RP2000428	8.74	4.22	5.73	4.39	1.17	2.36	8.21	2.73	3.16			-	-
	NT2RP2000438	12.17	11.38	11.77	10.69	3.56	5.65	4.51	2.36	2.93	**		-	-
	NT2RP2000447	12.75	6.94	10.08	6.36	4.33	7.41	3.21	7.55	5.61			-	-

Table 423

	NT2RP2000448	25.71	13.78	32.06	17.1	19.22	17.26	5.88	10.24	7.42	*	-
	NT2RP2000459	9.24	9.95	9.52	9.52	4.14	4.36	2.59	6.53	3.6	*	-
5	NT2RP2000479	6.63	5.55	7.74	7.89	3.36	5.52	5.8	5.59	6.42	*	-
	NT2RP2000498	11.27	6.84	9.95	5.98	2.48	3.08	4.73	2.88	2.16	*	-
	NT2RP2000503	14.72	13.18	15.3	32.52	21.1	19.93	18.56	11.89	14.4	*	-
	NT2RP2000510	7.33	5.8	8.13	5.52	2.28	3.46	4.2	5.04	2.87	*	-
	NT2RP2000514	4.57	2.69	2.25	7.44	1.96	3.28	5.71	4	3.87	*	-
10	NT2RP2000516	6.54	4.62	8.39	7.51	4.34	6.37	3.47	4.35	4.95	*	-
	NT2RP2000523	4.11	2.38	11.01	7.29	1.39	3.22	3.15	2.27	3.38	*	-
	NT2RP2000533	2.68	1.37	7.63	4.63	1.22	2.09	0.79	2.38	0.48	*	-
	NT2RP2000540	6.16	5.88	8.08	5.48	4.38	3.8	3.01	4.98	1.52	*	-
	NT2RP2000547	7.42	7.44	10.91	6.02	3.13	4.89	2.98	4.52	3.39	*	-
	NT2RP2000557	49.31	60.55	82.94	43.46	53.17	74.9	83.43	53.58	63.67	*	-
15	NT2RP2000558	18.68	19.95	27.42	20.69	14.13	19.17	24.64	17.82	18.81	*	-
	NT2RP2000564	0.43	0.11	2.04	5.89	0.93	1.24	2.05	1.59	0.53	*	-
	NT2RP2000565	13.78	7.23	14.74	12.39	9.94	11.42	3.9	7.3	8.83	*	-
	NT2RP2000583	10.87	6.32	13.24	7.55	3.8	5.68	4.41	5.83	9.68	*	-
	NT2RP2000591	7.05	5.42	12.75	6.46	3.08	3.75	3.89	6.69	2.85	*	-
20	NT2RP2000599	45.38	33.04	53.33	45.68	38.74	39.04	49.46	50.96	42.92	*	-
	NT2RP2000601	5.8	2.35	8.26	6.01	2.72	4.74	3.53	6.5	4.71	*	-
	NT2RP2000603	10.6	10.97	14.76	12.57	11.91	10.27	11.35	11.32	10.57	*	-
	NT2RP2000610	16.79	27.41	21.69	12.86	12.08	9.62	7.92	6.77	7.19	*	-
	NT2RP2000614	22.5	27.77	21.5	15.84	12.38	13.2	11.46	7.34	10.15	*	-
	NT2RP2000616	15.9	10.73	17.88	14.04	10.65	8.26	8.53	13.65	30.31	*	-
	NT2RP2000617	7	4.89	10.44	5.79	2.49	3.27	2.33	3.91	6.08	*	-
25	NT2RP2000623	30.93	27.18	42.39	23.25	19.11	22.34	22.03	24.06	17.67	*	-
	NT2RP2000634	5.41	5.13	8.98	7.02	5.17	5.22	4.91	6.31	5.96	*	-
	NT2RP2000636	6.22	7.05	7.96	5.06	2.33	3.65	3.42	4.64	2.62	*	-
	NT2RP2000638	5.4	5.87	8.77	7.49	5.36	5.46	5.01	4.21	4.57	*	-
	NT2RP2000644	6.06	11.57	13.6	11.21	5.35	7.7	5.1	5.24	4.14	*	-
30	NT2RP2000649	69.57	64.76	72	79.36	45.65	56.22	93.91	57.37	68.85	*	-
	NT2RP2000652	14.9	10.94	49.84	10.88	5.91	11.87	6.2	5.26	32.14	*	-
	NT2RP2000656	12.57	7.15	13.54	6.29	4.4	6.3	1.69	9.03	14.78	*	-
	NT2RP2000658	5.45	4.52	10.98	5.11	2.13	3.91	1.81	2.12	1.71	*	-
	NT2RP2000663	4.6	4.28	7.43	5.58	2.25	5.97	4.47	2.44	1.11	*	-
	NT2RP2000664	10.9	7.61	12.36	9.42	3.88	8.64	13.44	10.25	9.81	*	-
	NT2RP2000668	33.38	33.11	48.17	36.56	39	37.32	34.56	25.63	30.2	*	-
35	NT2RP2000678	6.12	9.03	9.25	9.6	7.57	6.65	6.86	6.02	5.34	*	-
	NT2RP2000694	16.87	11.51	13.29	13.35	8.47	12.83	22.9	14.8	18.71	*	-
	NT2RP2000704	2.84	3.9	14.85	6.19	2.87	7.29	2.98	6.45	4.78	*	-
	NT2RP2000710	8.84	8.7	19.22	7.25	3.74	6.4	5.24	6.81	6.9	*	-
	NT2RP2000712	5.84	5.25	16.26	7.12	3.27	5.34	2.82	4.15	2.23	*	-
	NT2RP2000715	23.49	31.67	27.44	16.78	13.7	10.05	7.2	11.02	9.66	*	-
40	NT2RP2000720	14.6	11.95	17.99	9.67	7.04	6.8	9.67	8.11	6.87	*	-
	NT2RP2000731	130.46	114.16	171.06	139.58	136.44	144.08	91.22	91.1	91.43	*	-
	NT2RP2000739	10.56	11	13.93	9.61	7.28	5.99	9.06	6.03	5.15	*	-
	NT2RP2000748	12.42	9.17	9.8	13.86	6.05	5.01	6.86	4.28	5.36	*	-
	NT2RP2000749	11.23	7.84	14.76	7.12	4.44	6.62	1.43	4.83	4.58	*	-
	NT2RP2000758	18.71	12.4	22.27	12.06	7.43	9.25	3.34	5.27	4.96	*	-
45	NT2RP2000764	8.83	9.65	15.17	9.68	4.51	6.36	4.78	3.89	4.88	*	-
	NT2RP2000766	39.21	45.57	54.49	39.05	26.43	20.35	16.67	26.46	19.71	**	-
	NT2RP2000777	37.43	31.1	43.71	20.28	16.78	21.16	3.56	8.61	6.24	**	-
	NT2RP2000786	10.79	9.6	16.45	9.08	5.82	3.61	8.49	11.1	8.19	*	-
	NT2RP2000793	8.96	7.43	14.72	5.59	4.46	3.27	3.41	3.35	2.39	*	-
	NT2RP2000796	13.41	11.17	11.19	12.52	8.7	5.88	4.89	4.55	5.82	**	-
50	NT2RP2000809	9.51	8.66	16.69	9.15	5.7	10.07	8.67	9.07	9.06	*	-
	NT2RP2000812	10.78	5.64	19.76	9.49	6.33	7.02	9.58	10.65	9.48	*	-
	NT2RP2000814	2.73	2.98	11.46	6.79	1.46	2.03	1.53	1.11	1.73	*	-
	NT2RP2000816	5.26	5.27	12.58	5.83	4.32	3.54	2.61	2.6	1.81	*	-
	NT2RP2000818	64.67	52.94	68.69	38.83	38.29	31.82	36.98	34.96	36.14	**	-
	NT2RP2000819	10.64	9.84	11.3	8.11	4.61	3.58	6.06	2.23	3.74	*	-
55	NT2RP2000841	19.27	13.42	17.68	15.7	9.96	11	12.88	9.6	13.79	*	-
	NT2RP2000842	7.9	5.25	9.24	8.2	4.88	2.43	6.17	3.9	4.72	*	-
	NT2RP2000845	1.64	3.58	10.06	6.26	3.24	5.16	2.58	3.32	3.23	*	-

Table 424

	NT2RP2000863	9.23	2.37	9.61	12.6	5.57	10.29	2.95	6.5	2.03				
	NT2RP2000880	6.89	4.15	10.09	8.75	3.55	3.61	3.32	7.64	2.92				
5	NT2RP2000892	6.48	7.22	10.47	6.68	3.59	2.44	2.63	2.13	2.32		**	-	
	NT2RP2000894	6.84	8.43	12.75	7.7	5.61	3.86	6.32	3.41	5.03				
	NT2RP2000903	14.72	12.47	10.22	6.37	7.06	6.25	6.3	4.12	3.45	*	**	-	
	NT2RP2000906	7.83	5.78	8.48	5.67	3.5	4.08	5.51	1.9	1.89	*	*	-	
	NT2RP2000910	7.08	7.41	7.6	9.95	3.31	4.88	6.74	6.36	7.22				
10	NT2RP2000931	17.23	16.66	19.14	9.83	11.03	7.29	5.66	13.37	8.87	**	*	-	
	NT2RP2000932	4.85	5.4	12.51	5.58	2.98	2.75	2.51	3.48	1.84				
	NT2RP2000938	32.12	38.62	41.75	20.34	22.26	19.86	28.05	24.64	29.99	**	*	-	
	NT2RP2000943	6.65	4.28	8.98	6.63	2.06	1.49	2.39	2.3	2.44	*		-	
	NT2RP2000957	8.82	7.9	11.5	5.58	3.81	3.6	2.18	2.83	1.56	*	**	-	
	NT2RP2000958	5.64	6.03	15.9	6.17	2.43	2.74	1.92	2.26	3.56				
15	NT2RP2000959	11.75	9.04	10.68	6.59	3.84	2.64	4.69	3.69	5.66	*	**	-	
	NT2RP2000965	4.05	2.66	2.8	5.91	0.94	1.41	2.34	1.56	2.95				
	NT2RP2000970	58.85	65.2	74.74	64.15	40.74	92.64	72.54	97.39	89.84				
	NT2RP2000973	5.19	3.92	9.39	8.06	5.68	3.54	3.01	9.76	7.5				
	NT2RP2000985	3.85	2.51	4.33	4.79	3.19	4.55	1.82	2.45	2.12				
	NT2RP2000987	39.38	36.27	32.68	33.06	40.49	26.38	33.61	26.04	27.01				
20	NT2RP2000997	9.33	8.58	9.52	9.72	3.47	7.24	9.63	9.44	11.63				
	NT2RP2001024	12.74	7.92	18.67	6.22	2.48	2.6	4.96	3.99	3.75	*	*	-	
	NT2RP2001028	38.71	37.69	41.88	33.98	15.8	30.64	34.47	25.69	33.62				
	NT2RP2001036	10.56	11.08	9.13	9.7	2.35	6.59	6.06	3.75	3.17	**		-	
	NT2RP2001039	29.77	24.74	30.19	17.85	11.75	29.98	20.42	28.95	23.24				
	NT2RP2001044	111.16	103.9	116.83	65.77	42.98	31.59	30.2	74.24	42.92	**	*	-	
25	NT2RP2001056	16.47	11.38	12.03	9.34	5.04	8.68	12.51	8.41	8.95				
	NT2RP2001065	12.87	18.54	21.09	9.6	6.83	8.58	6.23	6.54	8.28	*	*	-	
	NT2RP2001067	18.27	13.06	19.79	9.25	5.26	3.58	5.5	6.23	8.66	*	*	-	
	NT2RP2001070	4.55	6.03	7.25	6.14	2.9	2.2	3.37	2.83	1.95	*		-	
	NT2RP2001081	11.96	15.94	13.97	8.19	3.81	5.26	5.58	4.15	6.83	**	**	-	
	NT2RP2001087	65.9	61.9	76.08	39.7	16.73	50.09	38.08	21.24	22.36	*	**	-	
30	NT2RP2001094	12.2	8.89	11.02	14.61	10.72	9.52	11.02	11.03	11.05				
	NT2RP2001119	4.16	4.58	7.07	10.85	1.99	7.07	4.12	3.63	2.63				
	NT2RP2001127	11.36	13.12	3.9	16.08	4.34	7.73	5.38	7.85	3.42				
	NT2RP2001133	5.67	4.14	5.86	10.97	6.13	8.56	8.68	4.41	3.17				
	NT2RP2001137	49.8	41.1	45.81	39.26	21.86	24.92	25.21	45.63	17.6	*		-	
	NT2RP2001142	5.27	5.53	5.06	5.3	2.26	3.98	2.41	3.56	3.78	*		-	
35	NT2RP2001149	6.92	5.61	5.45	13.36	3.82	6.27	6.19	4.78	4.91				
	NT2RP2001168	6.12	7.49	5.66	8.34	5.85	5.09	5.44	4.63	5.1				
	NT2RP2001173	4.74	3.23	8.28	7.11	2.4	3.67	4.61	6.54	6.37				
	NT2RP2001174	44.63	21.39	37.72	44.99	18.88	46.31	52.67	53.94	56.67	*		+	
	NT2RP2001184	7.2	4.99	10.33	8.93	4.09	3.96	4.88	4.86	5.6				
	NT2RP2001196	188.27	171.63	278.21	277.29	156.05	217.9	310.45	339.15	334.54	*		+	
40	NT2RP2001200	5.84	6.42	11.03	6.08	6.9	5.52	4.06	2.49	4.45				
	NT2RP2001218	12.41	10.49	14.66	10.34	6.96	7.23	9.11	8.8	8.23	*		-	
	NT2RP2001223	10.09	12.26	12.04	13.71	9	9.77	10.94	7.86	9.72				
	NT2RP2001226	295.34	151.71	253.15	264.52	155.79	205.35	225.76	302.68	279.91				
	NT2RP2001227	9.29	9.83	15.24	10.83	5.91	8.02	6.71	6.54	8.43				
	NT2RP2001232	6.25	9.05	13.72	6.11	9.52	4.37	3.08	5.35	5.73				
45	NT2RP2001233	17.2	11.64	26.2	12.06	8.02	7.48	8.66	8.69	6.62				
	NT2RP2001245	42.01	30.76	56.72	22.72	58.34	32.96	29.15	30.96	32.68				
	NT2RP2001246	5.12	5.92	8.66	6.91	4.33	3.68	3.64	7.01	3.2				
	NT2RP2001268	76.86	63.92	101.42	88.4	109.5	90.32	72.85	73.19	77.59				
	NT2RP2001270	10.64	12.74	14.24	12.74	10.24	11.95	10.68	9.82	10.94				
	NT2RP2001276	23.31	16.76	30.97	21.15	16.68	10.08	14.57	16.7	14.66				
50	NT2RP2001277	24.91	10.73	18.18	16.47	6.03	6.24	22.15	25.09	49.12				
	NT2RP2001290	8.95	7.82	10.48	8.48	7.41	5.73	5.82	9.63	10.81				
	NT2RP2001295	14.82	7.48	15.13	8.28	5.62	4.48	5.33	6.4	4.82				
	NT2RP2001297	8.15	6.67	10.81	9.36	7.32	4.92	4.17	4.98	6				
	NT2RP2001301	47.34	44.45	63.71	42.51	38.25	33.89	33.81	29.8	26.52	*		-	
	NT2RP2001312	8.43	10.98	14.02	7.43	5.35	5.08	6.81	4.46	4.32	*	*	-	
55	NT2RP2001327	20.88	28.57	34.54	16.53	15.03	15.84	11.1	20.64	9.65	*		-	
	NT2RP2001328	10.32	3.77	9.25	9.2	3.81	6.74	4.44	5.56	7.15				
	NT2RP2001341	3499.3	2809.3	4099.1	1364.9	1644.2	898.17	1201.7	2570.4	2392	**		-	

Table 425

	NT2RP2001347	539.84	514.01	628.74	565.74	422.96	416.2	495.32	585.14	429.89				
5	NT2RP2001366	38.71	33.77	43.04	29.42	28.24	19.52	18.19	26.65	21.17	*	*	-	-
	NT2RP2001378	8.65	6.18	12.14	10.82	6.77	5.51	3.49	4.36	4.96				
	NT2RP2001381	20.33	22.01	25.11	15	9.62	10.21	6.87	12.31	12.9	**	**	-	-
	NT2RP2001388	23.09	21.55	19.16	14.87	11.09	13.2	20	18.4	14.87	**		-	-
	NT2RP2001391	19.47	21.48	20.82	19.07	15.36	11.27	15.83	12.83	10.03		*	-	-
	NT2RP2001392	6.22	2.39	9.23	6.23	2.48	4.35	2.68	3.41	3.72				
10	NT2RP2001394	9	9.52	18.06	7.33	4.64	3.55	4.34	5.54	7.88				
	NT2RP2001397	5.52	4.95	15.76	7.71	3.52	1.79	2.61	4.45	3.74				
	NT2RP2001400	33.05	35.87	41.2	15.06	15.67	8.49	5.11	9.86	5.55	**	**	-	-
	NT2RP2001408	22.02	23.86	22.82	11.45	12.19	9.24	10.98	11.38	13.8	**	**	-	-
	NT2RP2001420	13.99	18.37	19.98	12.59	10.04	8.9	9.18	10.79	13.16	*	*	-	-
	NT2RP2001423	138.22	161.12	169.36	120.84	140.16	121.74	142.58	124.54	152.09				
15	NT2RP2001427	11.99	17.22	16.25	9.35	7.9	6.74	7.44	6.11	3.28	*	**	-	-
	NT2RP2001428	11.05	7.81	14.33	11.13	3.4	8	3.33	6.84	8.32				
	NT2RP2001436	28.98	21.86	34.92	22.78	25.35	19.1	15.23	27.9	27.44				
	NT2RP2001440	21.88	12.74	27.62	14.71	9.47	17.13	15.85	24.15	14.86				
	NT2RP2001445	9	10.8	19.43	10.91	10.54	6.62	8.66	8.73	7.21				
20	NT2RP2001449	28.07	34.09	40.82	25.02	19.29	16.65	14.58	19.57	13.99	*	*	-	-
	NT2RP2001450	20.8	28.19	27.38	18.17	18.42	8.85	15.67	22.32	18.66				
	NT2RP2001467	77.4	117.05	74.08	41.14	94.21	47.44	46.82	38.8	29.18	*		-	-
	NT2RP2001489	12.38	11.13	18.21	9.61	8.91	7.86	5.16	5.66	4.91	*		-	-
	NT2RP2001480	16.58	12.17	23.4	14.68	6.35	9.1	6.53	11.37	10.31				
	NT2RP2001495	5.39	5.05	10.71	5.62	3.39	3.05	2.02	2.99	3.13				
	NT2RP2001499	31.27	46.77	45.33	29.35	33.83	17.6	16.09	21.38	15.2	*		-	-
25	NT2RP2001506	7.58	7.79	10.57	9.25	7.24	4.11	3.34	2.96	2.75	**		-	-
	NT2RP2001508	10.21	8.66	19.01	9.32	5.78	3.48	10.19	10.43	10.1				
	NT2RP2001511	18.18	10.36	14.04	8.06	6.96	5.65	4.43	6.31	7.52	*	*	-	-
	NT2RP2001514	8.2	7.15	8.01	6.7	3.51	2.31	2.13	3.46	3.84	**		-	-
	NT2RP2001520	8.17	6.6	9.18	8.28	6.18	3.08	5.09	4.32	4.95	*	*	-	-
	NT2RP2001526	15.63	17.52	16.82	11.75	3.98	10.59	5.68	10.57	11.64	*	*	-	-
30	NT2RP2001529	18.96	9.11	22.28	13.03	8.09	10.02	6.2	8.22	8.57				
	NT2RP2001536	14.16	10.36	18.6	12.98	11.79	8.28	7.74	11.37	11.72				
	NT2RP2001538	8.11	6.47	12.78	7.67	5.34	3.77	4	4.36	2.56	*		-	-
	NT2RP2001547	9.99	10.57	12.92	9.74	7.58	3.49	4.05	3.74	4.33	**		-	-
	NT2RP2001560	11.5	10.74	9.02	6.82	5.56	7.18	6.87	5.66	4.21	*	*	-	-
	NT2RP2001562	17.39	15.7	17.62	10.84	8.02	7.21	8.92	9.2	10.24	**	**	-	-
35	NT2RP2001566	14.26	13.81	10.49	11.53	7.07	4.68	7.24	4.21	4.54	**		-	-
	NT2RP2001569	25.02	15.42	32.18	22.03	11.09	26.81	24.28	25.39	21.94				
	NT2RP2001576	129.89	178.91	114.02	47.3	49.96	55.77	33.67	55.78	72.18	*	*	-	-
	NT2RP2001581	20.4	22.7	22.23	13.8	17.88	10.54	10.57	16.71	15	*	*	-	-
	NT2RP2001597	17.49	9.3	13	11.25	8.35	11.5	4.54	4.57	3.83	*		-	-
	NT2RP2001601	376.46	416.73	382.11	192.76	196.04	131.77	252.12	219.45	367.42	**		-	-
40	NT2RP2001613	6.29	5.75	7.26	4.54	4.25	3.06	3.72	3.99	3.96	*	**	-	-
	NT2RP2001628	20.46	20.27	25.19	14.18	13.5	11.94	11.98	13.91	12.32	**	**	-	-
	NT2RP2001634	4.72	7.04	6	7.61	3.83	2.93	4.15	1.66	3.09	*		-	-
	NT2RP2001635	20.18	16.77	22.18	15.58	7.6	10.65	10.91	15.44	14.53	*	*	-	-
	NT2RP2001660	27.92	47.45	35.98	27.8	15.26	22.85	16.57	20.69	20.06	*		-	-
	NT2RP2001662	141.98	137.52	151.45	151.4	116.43	136.78	154.6	188.28	148.8				
45	NT2RP2001663	102.28	119.36	140.87	48.03	51.07	39.15	80.45	80.81	83.65	**	*	-	-
	NT2RP2001672	6.83	9.61	11.14	6.86	4.73	5.02	7.16	6.7	5.29				
	NT2RP2001675	7.51	11.75	9.95	6.41	3.17	2.8	4.39	4.7	4.26	*	*	-	-
	NT2RP2001677	18.83	22.14	19.19	10.64	6.34	6.91	9.72	6.83	7.68	**	**	-	-
	NT2RP2001678	10.06	8.87	8.82	7.97	6.41	4.67	9.59	5.34	9.32	*		-	-
	NT2RP2001683	88.93	103.45	119.49	195.62	102.44	134.62	102.34	95.16	65.68				
50	NT2RP2001699	36.15	36.2	44.96	18.8	7.95	13.41	6.7	9.44	13.11	**	**	-	-
	NT2RP2001707	6.77	3.9	7.75	5.48	4.72	5.02	3.35	4.21	3.45				
	NT2RP2001720	8.16	6.41	9.93	7.22	8.68	5.49	4.59	6.11	5.89				
	NT2RP2001721	33.41	34.55	34.5	25.33	18.3	17.93	32.85	38.18	33.9	**		-	-
	NT2RP2001740	64.22	76.89	65.2	34.74	42.49	31.73	26.06	24.24	41.05	**	**	-	-
	NT2RP2001748	6.3	15.07	7.65	6.61	1.99	2.37	4.7	3.94	2.45				
55	NT2RP2001755	8.56	8.68	5.59	6.1	3.13	5.08	4.74	3.64	4.01	*		-	-
	NT2RP2001762	4.42	4.43	4.61	5.06	1.37	4.5	3.19	3.5	2.83	**		-	-
	NT2RP2001768	7.43	5.23	6.6	7.86	2.49	4.84	3.03	5.68	3.45				

Table 426

	NT2RP2001769	74.25	64.35	76.05	49.19	51.48	48.88	16.14	29.26	21.95	**	**	-	-
	NT2RP2001784	6.1	6.64	9.79	6.92	5.74	5.64	4.78	4.07	4.19				
5	NT2RP2001805	18.64	23.08	23.59	18.75	15.28	15.88	12.77	15.01	19.71				
	NT2RP2001813	12.2	15.41	15.49	8.88	4.21	6.14	9.29	6.92	9.66	*	*	-	-
	NT2RP2001817	50.4	58.09	53.81	41.79	32.65	39.63	54.02	42.75	56.58	*			
	NT2RP2001818	7.27	4.11	3.7	5.91	1.54	5.15	5.71	4.24	6.18				
	NT2RP2001837	24.91	17.75	31.06	23.35	23.21	19.49	21.43	23.69	22.4				
10	NT2RP2001839	16.58	14.52	27.11	17.12	15.87	19.03	13.8	13.73	15.93				
	NT2RP2001861	19.37	18.6	26.95	11.83	7.45	7.51	9.29	9.04	10.22	*	*	-	-
	NT2RP2001869	8.35	8.88	14.85	9.01	6.82	4.27	3.19	6.52	4.2				
	NT2RP2001876	52.07	48.1	60.43	41.56	38.63	33.22	53.55	54.23	52.55	*			
	NT2RP2001878	10.64	8.11	16.99	8.71	6.81	6.18	8.15	6.26	6.36				
	NT2RP2001881	11.51	12.01	17.12	11.39	8.77	9.36	10.8	14.93	9.65				
15	NT2RP2001883	15.67	6.93	15.2	18.32	7.55	11.74	13.41	14.76	12.05				
	NT2RP2001884	1443.8	767.12	607.01	701.8	366.77	733.69	199.74	492.38	1929.8				
	NT2RP2001885	86.63	81.18	119.19	86.34	68.67	72.27	80.49	93.38	87.15				
	NT2RP2001898	13.46	6.9	14.73	6.96	6.72	3.84	5.67	4.43	5				
	NT2RP2001900	20.73	14.58	24.69	18.79	8.43	10.74	17.28	16.1	17.71				
	NT2RP2001903	11.05	14.47	16.38	12.77	7.63	7.86	11	14.28	12.43				
20	NT2RP2001907	9.79	12.89	12.82	8.11	6.3	4.57	8.52	7.33	7.63	*	*	-	-
	NT2RP2001915	17.49	19.44	20.82	11.45	7.41	6.04	7.94	7.59	6.62	**	**	-	-
	NT2RP2001921	13.67	9.05	20.66	11.35	6.61	9.21	6.21	10.48	17.99				
	NT2RP2001926	34.47	22.9	35.27	22.68	13.7	11.83	10.15	26.13	26.8	*			
	NT2RP2001933	36.39	16.3	35.12	23.35	20.81	17.87	10.85	17.5	22.37				
	NT2RP2001936	11.42	9.59	15.71	9.32	7.07	4.58	8.12	12.42	62.46				
25	NT2RP2001943	14.71	11.45	18.53	11.8	23.77	7.53	6.86	10.79	7.88				
	NT2RP2001946	20.64	20.42	25.84	8.64	12.56	9.33	5.24	6.37	7.54	**	**	-	-
	NT2RP2001947	6.28	10.5	8.57	7.88	5.98	1.91	4.36	3.2	4.16	*			
	NT2RP2001956	21.67	10.17	24.79	16.61	12.12	14.12	16.82	19.29	13.33				
	NT2RP2001969	201.65	149.79	301.42	176.35	143.62	157.42	143.79	183.78	182.57				
30	NT2RP2001976	4.33	7.95	17.7	7.78	4.49	4.49	2.81	5.46	10.35				
	NT2RP2001978	14.35	12.6	20.91	12.02	5.57	5.03	3.1	3.56	4.91	**			
	NT2RP2001985	13.77	15.22	14.24	9.55	5.93	6.64	4.89	6.51	5.47	**	**	-	-
	NT2RP2001991	37.12	36.77	50.48	37.16	44.84	28.4	28.39	20.28	24.2	*			
	NT2RP2001997	13.99	12.07	14.92	11.27	12.08	8.47	13.49	12.5	12.19				
	NT2RP2002015	3.95	7.2	5.18	7.51	4.61	2.96	3.72	6.25	2.61				
	NT2RP2002017	14.92	13.42	18.23	7.3	5.04	8.42	3.4	6.85	8.43	**	*	-	-
35	NT2RP2002025	39.84	48.8	68.43	33.02	35.2	30.44	23.31	31.13	31.97				
	NT2RP2002030	28.82	28.65	40.93	26.27	23.9	23.74	29.55	36.7	30.22				
	NT2RP2002032	41.77	39.39	41.34	31.44	32.7	25.79	15.28	25.82	17.93	**	**	-	-
	NT2RP2002033	7.84	6.18	11.1	7.44	5.25	3.93	2.63	4.43	2.72	*			
	NT2RP2002041	63.15	38.11	58.94	48.43	54.38	37.99	33.68	26.24	30.79	*			
40	NT2RP2002046	19.79	18.39	22.62	13.61	15.41	9.7	20.12	17.67	17.54	*			
	NT2RP2002047	15.96	12.18	14.55	9.42	12.66	9.04	9.26	8.52	3.77	*			
	NT2RP2002050	6.47	7.96	8.94	7.07	2.69	4.33	1.22	3.6	2.62	**			
	NT2RP2002052	16.16	10.25	17.67	10.56	6.94	8.28	6.44	8.83	9.43				
	NT2RP2002058	10.7	8.12	13.82	9.12	8.72	4.7	3.71	8.14	3.23				
	NT2RP2002060	7.22	6.32	13.21	7.18	3.78	3.46	2.87	4.32	2.16				
	NT2RP2002063	27.7	19.33	28	16.06	12.42	6.01	14.89	17.06	15.58	*	*	-	-
45	NT2RP2002066	14.12	10.25	16.69	11.69	8.3	5.49	7.86	7.37	6.79	*			
	NT2RP2002070	47.82	69.53	26.7	25.88	50.9	22.08	11.62	12.95	13.2	*			
	NT2RP2002076	50.79	54.44	56.91	34.7	35.7	26.78	21.75	13.06	12.15	**	**	-	-
	NT2RP2002078	3.82	6.23	12.24	6.03	3.97	4.06	0.81	5.31	3.09				
	NT2RP2002079	13.68	8.15	17.98	9.69	6.98	8.2	5.55	8.29	6.41				
	NT2RP2002099	11.59	12.19	18.2	8.81	6.98	5.14	5.57	8.29	5.75	*	*	-	-
50	NT2RP2002105	15.09	12.54	15.38	10.34	7.26	6.01	5.5	9.12	6.68	*	**	-	-
	NT2RP2002115	15.39	14.23	22.91	11.04	12.24	9.95	11	13.28	11.06				
	NT2RP2002124	59.86	56.27	77.47	56.59	47.35	36.88	55.21	47.08	46.87				
	NT2RP2002137	8.42	8.75	8.28	6.56	6.55	3.48	2.47	3.09	3.68	*	**	-	-
	NT2RP2002139	93.62	131.25	91.86	52.77	52.45	52.95	81.88	52.45	48.22	*			
	NT2RP2002154	6.04	5.02	12.4	5.24	1.47	5.88	2.02	3.26	3.03				
55	NT2RP2002155	16.04	17.28	22.84	17	10.94	11.7	12.12	14.76	13.07				
	NT2RP2002172	26.05	32.14	34.36	17.74	14.37	15.16	12.78	22.56	16.28	**	*	-	-
	NT2RP2002185	13.73	14.4	21.2	14.18	14.86	10.72	12.32	12.52	11.2				

Table 427

	NT2RP2002188	222.52	243.75	126.54	151.89	124.73	74.73	64.57	82.95	98.67	*	-
	NT2RP2002192	66.59	140.59	123.86	61.74	74.83	59.86	111.82	74.79	70.77	*	-
5	NT2RP2002193	9.92	9.38	5.54	5.64	8.2	3.35	4.38	2.62	2.3	*	-
	NT2RP2002208	24.07	21.97	26.87	14.79	10.85	11.7	14.39	13.9	16.1	**	**
	NT2RP2002219	67.68	67.68	54.54	42.26	45.01	39.83	12.23	52.49	39.63	*	-
	NT2RP2002231	7.62	8.91	9.95	5.33	3.41	3.41	3.43	5.73	5.85	**	*
	NT2RP2002232	82.24	77.63	81.5	78.38	94.62	65.26	53.25	57.27	56.31	**	-
	NT2RP2002235	28.16	33.42	30.04	28.68	25.16	22.07	20.58	21.22	23.01	**	-
10	NT2RP2002239	46.02	63.63	67.29	21.58	16.63	25.15	34.54	22.68	19.45	**	*
	NT2RP2002252	7.05	9.07	9.23	8.29	3.79	3.9	4.57	3.45	2.91	**	**
	NT2RP2002256	27.97	26.83	27.09	15.84	11.06	11.47	26.86	22.34	28.47	**	-
	NT2RP2002257	7.18	9.4	7.52	6.89	3.78	4.59	5.56	4.76	6.16	*	-
	NT2RP2002259	18.53	13.43	11.26	24.93	14.6	14.24	10.77	18.34	15.94	*	-
	NT2RP2002264	26.23	33.28	22.8	12.91	13.58	12.04	9.7	17.76	13.48	**	*
15	NT2RP2002267	32.17	30.65	32.28	23.04	23.01	26.57	18.83	21.9	22.12	**	**
	NT2RP2002270	24.56	42.02	39.93	12.58	23.51	8.23	20.01	17.31	11.5	*	*
	NT2RP2002281	77.89	96.13	97.81	150.54	78.9	96.99	77.36	60.86	55.61	*	-
	NT2RP2002288	21.39	25.5	23.86	18.7	13.7	14.18	19.97	22.13	17.3	*	-
	NT2RP2002292	54.6	51.47	64.64	33.71	24.08	25.61	33.57	27.11	23.57	**	**
	NT2RP2002299	38.27	50.42	61.77	19.48	10.3	12.83	10.02	9.38	6.36	**	**
20	NT2RP2002304	11.94	6.17	8.22	10.44	3.85	9.51	5.62	11.16	9.83	*	-
	NT2RP2002312	27.46	21.25	33.99	24.99	23.29	27.25	22.52	32.61	25.31	*	-
	NT2RP2002316	51.29	40.93	55.81	26.92	27.74	16.77	8.08	18.25	13.09	*	**
	NT2RP2002325	14.79	13.26	29.38	13.29	7.49	7.83	6.29	6.54	6.53	*	*
	NT2RP2002333	37.71	73.03	60.93	25.88	22.98	32.97	22.31	24.03	28.79	*	*
	NT2RP2002371	18.55	14.9	20.81	15.66	7.83	11.84	19.13	18.48	18.7	*	-
25	NT2RP2002373	7.7	6.37	4.6	6.91	3.79	4.83	4.84	5.13	5.14	**	*
	NT2RP2002381	9.55	13.3	13.26	6.59	3.77	3.7	6.54	4.52	6.36	**	*
	NT2RP2002385	0.45	2.78	2.19	4.9	1.81	3.5	0.24	0.66	1.05	*	-
	NT2RP2002394	32.72	28.71	26.62	28.1	25	26.16	15.67	15.8	20.33	**	-
	NT2RP2002408	6.97	5.52	5.11	6.31	2.85	4.31	2.1	5.36	5.24	*	-
30	NT2RP2002409	7.43	7.51	7.75	10.28	4.99	7.17	4.61	5.21	4.74	**	-
	NT2RP2002424	13.74	18.21	4.21	14.47	4.22	10.67	7.29	17.72	5.01	*	-
	NT2RP2002426	31.08	22.01	26.45	29.33	10.8	28.89	38.27	34.35	51.45	*	-
	NT2RP2002429	5.25	5.45	6.58	6.82	3.95	4.26	5.54	2.96	5.77	*	-
	NT2RP2002437	5.68	8.15	5.2	8.99	3.78	4.37	5.91	5.66	5.8	*	-
	NT2RP2002439	23.83	11.85	28.63	30	21.32	18.74	18.69	27.87	21.85	*	-
35	NT2RP2002442	4.21	2.48	10.06	7.13	2.17	3.83	3.89	4.18	3.7	*	-
	NT2RP2002457	5.91	3.86	9.43	6.08	1.82	4.35	4.32	3.38	4.15	*	-
	NT2RP2002464	14.04	9.04	19.39	8.26	2.91	3.02	6.2	7.3	8.31	*	-
	NT2RP2002475	18.47	16.05	30.87	26.73	13.63	23.54	27.01	26.72	27.62	*	-
	NT2RP2002479	4.38	4.25	7.68	9.08	3.28	4.87	3.36	7.1	3.51	*	-
	NT2RP2002487	8.46	11.73	16.26	11.78	4.98	7.15	5.71	5.33	8.37	*	-
40	NT2RP2002498	12.42	14.56	14.54	14.3	15.74	13.48	11.49	11.5	14.04	*	-
	NT2RP2002503	38.54	26.71	38.28	36.97	26.13	31.51	31.04	37.76	40.27	*	-
	NT2RP2002504	10.58	11.45	20.66	9.47	10.7	9.29	7	7.64	9.65	*	-
	NT2RP2002510	35.82	27.78	43.7	25.78	25.92	21.7	29.92	29.43	28.5	*	-
	NT2RP2002520	21.45	19.39	27.79	16.61	13.24	8.38	14.06	12.04	8.59	*	*
	NT2RP2002527	36.1	23.32	35.4	20.76	25.32	20.27	27.42	26.23	15.63	*	*
45	NT2RP2002533	13.17	14.75	23.11	11.93	9.58	7.87	8.62	7.96	9	*	-
	NT2RP2002537	13.08	12.39	14.79	10.65	13.69	8	8.5	6.59	7.09	**	-
	NT2RP2002542	68.44	80.08	72.33	74.8	46.95	45.75	49.02	39.47	37.92	**	-
	NT2RP2002546	14.88	18.96	17.6	15.64	9.66	8.83	6.06	11.83	13.87	*	-
	NT2RP2002549	14.96	11.64	16.89	10.43	8.76	6.03	5.02	9.52	9.5	*	*
	NT2RP2002564	39.56	26.21	34.95	20.11	17.81	17.77	18.21	24.98	19.23	*	*
50	NT2RP2002591	42.59	28.9	37.43	32.97	30.53	25.24	25	30.71	25.2	*	-
	NT2RP2002595	5.68	8	12.85	9.34	7.39	5.51	5.35	4.75	4.31	*	-
	NT2RP2002602	54.53	55.87	75.68	59.64	57.23	46.71	59.72	54.59	54.85	*	-
	NT2RP2002606	12.52	13.19	14.5	13.95	17.61	9.8	13.98	12.61	14.58	*	-
	NT2RP2002609	11.6	17.33	13.31	20.12	19.43	14.55	10.05	12.64	13.06	*	-
	NT2RP2002618	14	10.22	19.04	13.28	7.51	9.59	7.56	12.06	11.33	*	-
55	NT2RP2002621	11.85	9.77	15.54	8.04	5.31	5.01	3.35	5.97	7.64	*	*
	NT2RP2002643	11.04	8.19	16.62	9.29	6.05	6.59	3.63	6.53	4.9	*	-
	NT2RP2002672	6.88	6.19	9.33	7.99	5.59	4.36	3.64	6.54	3.29	*	-

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	NT2RP2002673	103.76	111.24	114.16	70.07	45.09	85.59	92.44	85.88	91.14	*	**	-	-
	NT2RP2002674	28.24	27.69	34.14	21.06	20.78	16.49	24.37	22.8	22.81	*	*	-	-
5	NT2RP2002686	20.76	27.04	31.72	23.26	22.04	15.33	8.73	8.68	8.13	*	*	-	-
	NT2RP2002688	13.92	12.24	10	14.56	10.69	8.28	14.43	8.67	10.91	*	*	-	-
	NT2RP2002695	19.25	14.55	23.17	14.75	11.8	15.12	11.5	15.77	21.62	*	*	-	-
	NT2RP2002701	4.75	5.4	12.91	6.52	3.02	5.45	3.43	3.42	5.6	*	*	-	-
	NT2RP2002706	14.53	15.48	22.22	9.32	11.09	8.76	5.34	11.12	9.16	*	*	-	-
	NT2RP2002710	30.61	29.84	37.75	21.5	19.35	13.67	11.45	15.23	13.68	*	**	-	-
10	NT2RP2002721	7.29	6.84	7.35	5.81	4.84	2.96	3.61	3.96	1.62	*	**	-	-
	NT2RP2002727	6.54	9.38	10.59	7.9	7.44	4.24	4.08	5.05	3.6	*	*	-	-
	NT2RP2002734	48.13	41.34	40.09	29.15	43.09	31.56	39.87	34.2	33.11	*	*	-	-
	NT2RP2002736	9.71	9.47	8.91	9.58	7.4	9.48	7.64	7.21	5.83	*	*	-	-
	NT2RP2002740	19.4	13.22	23.87	11.87	7.31	11.43	6.19	11.24	13.39	*	*	-	-
	NT2RP2002741	23.72	17.52	33.51	16.7	12.26	14.24	12.67	22.55	22.7	*	*	-	-
15	NT2RP2002750	63.6	50.03	64.42	39.1	24.44	35.13	36.13	36.29	30.98	*	**	-	-
	NT2RP2002752	10.52	9.47	15.12	8.58	15.15	3.88	2.8	5.03	3.54	*	*	-	-
	NT2RP2002753	12.15	11.11	17.25	9.74	6.82	4.55	5.04	8.44	4.88	*	*	-	-
	NT2RP2002760	73.48	81.4	101.38	101.02	88.73	62.2	63.54	64.02	59.41	*	*	-	-
	NT2RP2002769	92.25	85.07	85.98	43.44	97.23	54.77	13.8	14.78	19.89	*	**	-	-
	NT2RP2002778	10.58	7.74	8.45	8.8	4.88	4.14	4.05	4.2	5.19	*	**	-	-
20	NT2RP2002791	21.96	17.69	24.67	15.97	10.79	19.44	8.98	15.96	17.2	*	*	-	-
	NT2RP2002800	57.56	44.66	67.26	27.41	29.24	35	38.77	66.85	61.35	*	*	-	-
	NT2RP2002805	10.55	19.25	27.64	13.98	23.59	9.88	7.4	10.07	7.75	*	*	-	-
	NT2RP2002811	13.01	13.43	18.61	12.19	7.67	8.64	7.15	10.12	7.7	*	*	-	-
	NT2RP2002824	16.63	12.33	20.99	15.22	10.57	11.14	9.08	9.37	7.94	*	*	-	-
25	NT2RP2002839	7.61	6.4	5.94	5.9	4.06	3.3	9.77	3.03	3.13	*	*	-	-
	NT2RP2002845	12.27	9.25	11.68	10.47	8.06	5	6.84	6.96	4.06	*	*	-	-
	NT2RP2002857	13.78	16.15	14.57	14.65	30.41	11.09	9.34	6.45	5.36	*	**	-	-
	NT2RP2002862	39.8	48.81	41.43	30.51	20.27	24.76	25.07	37.41	27.22	*	*	-	-
	NT2RP2002880	68.2	65.99	77.82	51.13	34.35	43.94	48.02	65.53	66.61	*	*	-	-
	NT2RP2002885	6.6	7.46	15.43	8.27	7.08	4.47	4.01	3.85	3.27	*	*	-	-
30	NT2RP2002891	7.27	7.43	13.2	9.04	9.22	4.71	4.88	7.24	5.8	*	*	-	-
	NT2RP2002907	27.84	27.28	39.25	27.93	20.22	19.34	24.71	20.15	30.92	*	*	-	-
	NT2RP2002925	8.14	12.06	8.92	6.22	5.24	3.39	2.57	2.53	2.32	*	**	-	-
	NT2RP2002927	11.04	11.53	9.75	8.5	11.71	5	4.88	3.47	4.87	*	**	-	-
	NT2RP2002928	14.93	19.65	15.07	19.82	17.04	17.08	11.05	6.88	7.13	*	*	-	-
	NT2RP2002929	34.38	37.88	32.48	20.14	17.6	22.45	18.17	27.25	31.67	*	*	-	-
35	NT2RP2002934	25.44	20.87	30.69	18.19	13.85	16.46	17.37	22.76	21.39	*	*	-	-
	NT2RP2002939	16.49	24.31	21.25	14.42	15.1	11.79	7.22	8.55	7.99	*	**	-	-
	NT2RP2002942	60.99	80.16	86.43	63.29	72.69	51.11	69.34	65.39	67.68	*	*	-	-
	NT2RP2002954	14.37	21.3	26.97	15.75	10.45	11.22	8.24	9.15	9.35	*	*	-	-
	NT2RP2002959	11.9	10.85	14.73	7.3	8.01	4.57	5.17	3.69	3.58	*	**	-	-
40	NT2RP2002974	27.97	23.95	30.02	18.63	11.35	13.46	21.06	14.1	16.2	*	*	-	-
	NT2RP2002976	33.37	27.08	30.74	41.03	19.52	40.87	48.18	35.03	46.65	*	*	-	-
	NT2RP2002979	34.44	28.83	35.03	24.79	13.64	25.53	28.21	33.42	38.67	*	*	-	-
	NT2RP2002980	56.79	52.53	62.74	67.66	61.62	49.88	36.91	45.4	40.52	*	*	-	-
	NT2RP2002986	8.8	8.37	8.86	6.06	9.31	3.85	4.83	5.06	6.03	*	**	-	-
	NT2RP2002987	103.6	100.12	86.59	73.66	56.64	94.83	99.25	107.73	109.15	*	*	-	-
	NT2RP2002988	13.55	24.45	23.43	8.39	5.16	5.67	6.67	7.13	6.64	*	*	-	-
45	NT2RP2002993	30.07	31.12	32.86	20.82	20.33	19.14	25.73	28.68	29.96	*	**	-	-
	NT2RP2003000	23.19	27.52	36.47	14.21	13.97	11.57	16.09	13.68	17.86	*	*	-	-
	NT2RP2003006	20.38	21.66	17.68	30.65	18.58	30.92	20.83	11.54	23.71	*	*	-	-
	NT2RP2003020	8.4	9.59	8.76	9.59	3.53	4.92	4.04	6.43	6.19	*	*	-	-
	NT2RP2003032	16.62	21.12	22.97	11.47	10.11	7.97	7.7	9.72	7.64	*	**	-	-
50	NT2RP2003034	9.72	12.06	10.53	7.37	15.19	4.72	7.75	4.61	8.9	*	*	-	-
	NT2RP2003042	7.27	6.68	12.91	7.34	5.07	3.54	6.69	5.74	4.38	*	*	-	-
	NT2RP2003050	41.14	39.77	34.47	22.7	14.89	22.18	30.79	33.73	32.33	*	*	-	-
	NT2RP2003060	13.62	10.73	6.38	6.73	19.61	3.28	5.01	3.28	4.49	*	*	-	-
	NT2RP2003073	11.88	8.02	5.9	7.53	3.76	4.73	2.61	3.98	5.14	*	*	-	-
	NT2RP2003099	15.8	18.78	12.88	19.36	10.86	16.96	13.15	11.19	10.41	*	*	-	-
	NT2RP2003108	16.99	10.19	16.94	12.41	6.81	13.81	6.41	10.09	7.95	*	*	-	-
55	NT2RP2003115	140.52	119.44	125.07	149.82	106.25	154.27	145.7	152.43	149.71	*	*	-	-
	NT2RP2003117	8.58	4.12	8.8	7.48	2.66	5.97	6.92	5.37	6.56	*	*	-	-
	NT2RP2003121	15.37	11.96	21.6	10.75	8.2	9.97	7.29	7.74	8.68	*	*	-	-

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	NT2RP2003125	148.62	154.21	165.76	136.93	87.76	119.3	202.39	170.18	181.03				
	NT2RP2003127	8.19	13.35	12.24	9.29	4.08	4.24	7.52	6.27	6.75				
5	NT2RP2003129	5.37	4.98	2.74	4.8	1.83	1.5	2.73	2.54	2.23				
	NT2RP2003137	9.57	8.81	8.47	10.46	3.57	7.13	10.02	8.73	11.39				
	NT2RP2003138	289.53	193.02	256.72	147.84	144.9	131.2	108.58	156.98	150.94	*	*	-	-
	NT2RP2003146	1.24	1.09	7.94	3.13	0.31	1.29	1.86	1.99	1.77				
	NT2RP2003148	8.05	4.25	16.47	5.03	5.56	4.21	3.03	3.24	3.73				
	NT2RP2003150	10.24	5.66	13.18	8.31	3.11	3.88	5.08	3.43	3.42				
10	NT2RP2003157	3.48	4.11	8.05	5.53	2.9	2.53	3.08	2.08	2.29				
	NT2RP2003158	154.65	121	143.84	65.15	86.73	95.34	71.82	47.48	71.44	*	**	-	-
	NT2RP2003161	7.49	10.19	13.16	11.02	5.25	6.57	6.09	5.72	4.72	*	*	-	-
	NT2RP2003164	3.55	3.69	5.64	7.04	3.38	4.04	7.46	5.26	5.34				
	NT2RP2003165	12.93	8.52	16.52	10.68	5.85	8.09	3.19	7.18	6.13				
	NT2RP2003177	20.41	17.38	32.83	19.51	10.51	7.06	22.73	21.74	21.1				
15	NT2RP2003179	13.75	8.83	17.7	6.83	5.73	5.2	6.82	13.09	8.84	*	*	-	-
	NT2RP2003194	60.36	55.91	80.01	51.34	60.6	65.85	42.59	38.48	56.22				
	NT2RP2003206	4.24	5.6	7.88	6.81	4.57	3.96	3.75	3.9	1.77				
	NT2RP2003210	9.9	9.36	13.05	7.55	5.04	4.08	4.47	4.65	4.08	*	**	-	-
	NT2RP2003227	13.08	17.16	19.16	9.3	7.87	5.3	8.38	6.37	6.65	*	**	-	-
20	NT2RP2003228	16.97	20.02	17.73	19.68	23.22	23.38	16.96	9.41	24.11				
	NT2RP2003230	8.37	4.38	11.24	9.26	4.24	4.38	5.34	6.55	20.33				
	NT2RP2003231	19.49	17.75	28.22	19.04	13.83	13.5	4.32	15.06	15.52				
	NT2RP2003237	7.53	6.29	14.94	7.53	4.21	4.44	2.72	5.12	9.5				
	NT2RP2003239	14.69	12.62	13.82	13.64	7.63	7.59	6.01	11.3	7.74	*	*	-	-
	NT2RP2003243	18.5	16.09	21.39	14.68	13.35	11.44	13.72	14.6	10.6	*	*	-	-
25	NT2RP2003265	4.16	3.24	4.88	3.11	1.7	1.76	2.29	2.88	1.56	*	*	-	-
	NT2RP2003267	60.51	57	71.61	43.05	41.52	45.26	62.57	46.27	55.1	*	*	-	-
	NT2RP2003272	18.93	12.31	21.16	15.62	7.25	9.68	9.71	5.82	7.07	*	*	-	-
	NT2RP2003277	51.75	42.05	60.1	30.74	24.84	22.69	27.09	34.52	27.77	*	*	-	-
	NT2RP2003280	28.6	31.79	33.98	27.16	26.4	22.37	7.26	22.23	17.9	*	*	-	-
	NT2RP2003286	5.27	5.54	11.77	5.48	3.75	3.02	2.08	4.89	2.65				
30	NT2RP2003293	449.62	544.88	531.61	480.84	613.42	591.27	492.68	295.17	642.99	**	**	-	-
	NT2RP2003295	31.05	28.41	29.77	21.7	14.01	19.1	19.18	18.46	19.51	**	**	-	-
	NT2RP2003297	16.92	17.67	19.83	9.38	11.73	7.84	3.24	6.26	6.08	**	**	-	-
	NT2RP2003300	2.42	4.36	4.19	5.32	2.8	1.56	2.33	1.69	1.31				
	NT2RP2003302	4.27	4.34	3.48	7.02	4.29	2.92	3.56	4.67	4.2				
	NT2RP2003307	17.52	15.84	29.67	14.93	9.5	10.4	16.58	17.1	22.41				
35	NT2RP2003308	7.26	8.66	14.15	6.9	4.51	4.44	3.22	4.76	6.65				
	NT2RP2003311	29.64	20.85	41.04	22.79	16.59	15.7	26.2	28.58	26.19				
	NT2RP2003329	11.36	11.27	19.3	9.84	10.72	8.3	6.72	6.84	5.55	*	*	-	-
	NT2RP2003339	44.06	51.39	68.66	63.28	61.45	41.92	35.03	31.79	30.76	*	*	-	-
	NT2RP2003345	25.41	28.87	30.12	15.65	24.89	17.7	13.62	14.02	13.58	*	**	-	-
	NT2RP2003347	8.25	20.81	11.17	7.75	7.09	4.08	5.16	5.37	4.53				
40	NT2RP2003367	15.71	9.07	15.92	25.01	12.88	13.97	19.6	13.55	17.34				
	NT2RP2003369	28.62	21.24	26	8.89	11.95	10.09	4.71	10.13	9.11	**	**	-	-
	NT2RP2003383	14.02	11.63	23.31	10.33	7.37	5.29	4.94	12.01	8.63				
	NT2RP2003390	5.02	4.43	9.92	6.51	4.16	1.23	2.19	2.28	1.48				
	NT2RP2003391	7.9	10.18	14.85	7.86	4.63	3.15	3.6	3.53	4.66	*	*	-	-
	NT2RP2003393	17.88	10.78	13.47	5.99	12.67	3.97	3.38	3.45	4.48	**	*	-	-
45	NT2RP2003394	86	76.58	96.35	85.96	75.14	69.1	44.7	55.38	51.85	**	*	-	-
	NT2RP2003401	6.44	4.6	7.19	7.26	3.17	2.2	2.64	2.79	2.35	*	*	-	-
	NT2RP2003403	18.73	19.58	18.59	16.65	31.07	15.94	9.34	7.98	7.02	**	*	-	-
	NT2RP2003433	8.13	7.64	13.92	4.56	2.36	2.9	0.77	3.05	2.35	*	*	-	-
	NT2RP2003445	11.02	10.94	17.55	8.15	5.02	3.19	3.72	5.83	4.71	*	*	-	-
	NT2RP2003446	7.38	5.87	15.32	8.9	3.31	1.64	2.84	3.34	2.61				
50	NT2RP2003456	14.58	16.09	17.24	7.76	9.78	4.68	6.41	6.61	4.94	**	**	-	-
	NT2RP2003466	163.89	136.64	191.26	110.44	140.48	151.43	83.63	87.04	121.39	*	*	-	-
	NT2RP2003469	5.44	3.7	5.03	4.74	2.31	1.35	2.28	1.42	1.62	**	*	-	-
	NT2RP2003470	4.83	5.55	5.49	5.65	3.19	3.4	4.42	1.43	3				
	NT2RP2003471	12.29	11.22	13.81	11.17	23.08	8.88	5.31	3.9	2.98	**	*	-	-
55	NT2RP2003480	133.45	297.88	151.87	131.22	168.23	117.7	104.84	202.75	202.47				
	NT2RP2003495	2.81	3.4	10.31	5.19	1.55	2.41	0.68	1.49	0.7				
	NT2RP2003499	5.25	3.3	9.47	3.94	2.15	2.35	2.44	6.25	5.89				
	NT2RP2003505	1.66	1.94	6.72	4.41	2.46	0.11	0.21	3	0				

Table 430

	NT2RP2003506	18.91	15.11	21.41	10.64	13.4	7.04	4.15	4.83	3.84	*	**	-	-
	NT2RP2003511	12.05	3.9	4.64	8.42	8.48	3	2.22	2.49	1.23				
5	NT2RP2003513	5.02	4.48	4.09	4.53	1.64	2.04	2.58	1.55	3.7	*		-	
	NT2RP2003517	3.09	1.94	2.24	4.01	1.27	1.81	1.81	0.62	1.53				
	NT2RP2003522	5.79	5.52	8.11	4.61	3.87	1.76	1.31	4.96	5.44				
	NT2RP2003525	12.34	13.08	16.44	6.02	5.34	4.08	6.04	6.6	5.02	**	**	-	-
	NT2RP2003533	88.01	167.21	169.95	95.64	157.31	89.62	178.82	120.18	151.89				
	NT2RP2003541	3.67	3.34	5.25	3.35	1.69	1.26	1.11	0.78	0.47		**	-	
10	NT2RP2003543	6.02	7.31	6.9	4.81	3.89	1.42	3.96	1.71	3.06	*	**	-	-
	NT2RP2003545	16.66	28.91	37	10.57	5.83	7.38	9	7.02	10.57	*	*	-	-
	NT2RP2003559	24.73	30.59	37.42	18.05	13.28	13.04	17.81	5.8	6.39	*	*	-	-
	NT2RP2003564	4.21	3.5	2.84	5.11	2.21	2.76	1.47	1.11	1.54	**		-	
	NT2RP2003565	5.56	6.05	9.75	8.3	2.97	4.12	3.13	4.62	3.34				
	NT2RP2003567	52.47	49.61	31.71	25.62	16.56	16.12	8.17	19.23	14.83	*	*	-	-
15	NT2RP2003575	228.18	422	264.34	79.35	234.74	114.07	248.45	399.29	319.2				
	NT2RP2003576	12.51	13.48	14.93	11.41	10.35	7.47	9.35	12.38	11.58	*		-	
	NT2RP2003579	6.35	14.72	8.69	5.77	5	3.85	5.14	3.96	3.9				
	NT2RP2003581	5.18	8.39	5.74	5.34	1.72	1.57	1.66	0.89	1.73	**		-	
	NT2RP2003587	5.23	4.31	3.93	4.85	1.48	2.81	2.91	3.12	2.6	*		-	
20	NT2RP2003590	10.26	7.56	7.31	8.22	4.4	10.25	8.81	5.02	6.24				
	NT2RP2003593	30.36	26.83	29	16.89	17.04	17.86	10.43	21.71	15.35	**	*	-	-
	NT2RP2003596	9.32	8.79	11.25	13.55	9.73	9.49	8.79	14.74	9.47				
	NT2RP2003599	23.27	13.17	35	8.05	27.81	6.94	3.86	4	10.53				
	NT2RP2003600	19.86	30.4	31.86	22.5	9.14	19.7	15.99	13.53	9.08	*	*	-	-
	NT2RP2003604	5.88	9.89	7.47	5.4	1.89	1.85	3.39	3.16	2.76	*	*	-	-
25	NT2RP2003629	8.19	7.7	5.26	5.58	3.64	2.51	3.1	3.51	2.87	*		-	
	NT2RP2003630	4.6	3.1	1.8	4.67	0.47	1.48	1.43	1.9	2.02				
	NT2RP2003643	14.26	14.44	12.75	14.01	7.67	9.12	19.42	10.04	13.07				
	NT2RP2003655	7.62	6.24	7.73	7.33	2.44	6.8	2.97	5.19	4.57	*		-	
	NT2RP2003664	8.86	13.57	11.03	11.23	17.02	7.98	3.52	3.83	3.73	**		-	
	NT2RP2003668	5.83	2.7	3.35	6.14	1.92	4.61	2.43	9.15	4.25				
30	NT2RP2003687	2.45	2.75	3.32	4.63	0.64	2.77	0.71	2.3	0.91				
	NT2RP2003691	2.86	0.41	1.55	4.29	1.06	2.07	1.69	2.35	1.51				
	NT2RP2003702	7.89	4.44	8.03	9.77	1.89	6.56	5.26	5.52	3.42				
	NT2RP2003704	6.11	9.87	8.33	7.33	6.55	3.79	6.43	2.95	5.24				
	NT2RP2003706	7.36	9.13	9.09	6.95	3.88	3.8	6.16	3.16	4.56	*	*	-	-
	NT2RP2003713	10.55	5.71	14.4	8.75	4.92	4.56	5.34	3.61	4.08				
35	NT2RP2003714	8.27	4.37	12.63	8.63	2.38	6.34	8.02	5.56	6.23				
	NT2RP2003727	13.72	9.91	16.65	14.5	8.49	5.28	4.4	3.92	5.54	*		-	
	NT2RP2003737	5.45	5.17	12.85	7.76	3.42	3.25	3.61	5.76	7.42				
	NT2RP2003751	4.58	1.12	4.62	4.58	0.42	0.71	2.16	1.87	0.69				
	NT2RP2003760	5.71	6.37	7.89	7.16	2.44	3.65	5.58	4.39	4.01				
	NT2RP2003764	4.38	3.82	3.93	5.42	1.13	2.52	3.39	1.74	2.45	*		-	
40	NT2RP2003769	20.81	10.06	18.85	16.88	9.37	7.83	5.73	10.32	7.17				
	NT2RP2003770	46.73	23.49	36.27	27.58	17.68	15.16	13.53	17.82	25.92				
	NT2RP2003777	15.17	10.4	15.63	9.4	5.35	5.3	5.51	8.22	8.17	*	*	-	-
	NT2RP2003781	85.09	53.2	80.23	44.9	32.89	44.6	88.34	75.84	75.38	*		-	
	NT2RP2003785	11.62	18.04	20.61	13.78	15.2	6.96	6.32	9.84	5.9	*		-	
	NT2RP2003793	16.4	16.91	28.84	17.84	16.4	19.5	8.6	5.86	10.58	*		-	
45	NT2RP2003806	22.61	30.87	30.72	19.98	15.24	17.95	21.46	20.85	31.8	*		-	
	NT2RP2003825	121.72	69.01	127.36	108.65	103.08	122.02	106.86	101.92	114.26				
	NT2RP2003840	11.66	9.2	14.49	9.94	6.01	4.99	5.06	8.29	6.32	*		-	
	NT2RP2003857	12.37	17.33	20.12	13.2	12.38	5.39	3.92	13.14	19.37				
	NT2RP2003859	19.27	8.66	21.11	12.54	7.05	8.25	8.14	9.73	13.41				
	NT2RP2003871	24.21	21.74	19.35	11.95	9.6	10.67	5.81	8.41	8.75	**	**	-	-
50	NT2RP2003876	10.53	11.98	18.66	19.02	25.1	11.05	7.68	10.36	8.8				
	NT2RP2003878	8.32	9.1	10.32	8.36	3.76	3.6	4.02	3.95	3.32	**		-	
	NT2RP2003885	6.08	8.46	6.77	5.72	4.33	2.2	4.11	3.32	4.21	*		-	
	NT2RP2003898	16.47	22.78	20.73	12.55	8.77	11.94	7.99	8.27	7.33	*	**	-	-
	NT2RP2003902	21.99	10.54	20.38	16.69	8	10.58	8.28	15.68	15.89				
	NT2RP2003912	35.16	73.65	32.26	21.86	23.82	12.49	13.87	18.46	19.33				
55	NT2RP2003931	16.31	15.84	40.63	15.98	12.61	14.09	15.19	20.43	45.95				
	NT2RP2003940	26.29	28.19	28.81	19.73	11.64	14	20.12	28.2	22.66	**		-	
	NT2RP2003950	10.42	7.47	13.08	10.4	5.75	5.62	6.83	8.37	6.11				

Table 431

	NT2RP2003952	8.61	6.4	10.47	5.99	3.42	3.14	3.11	4	4.05	*	*	-	-
	NT2RP2003968	14.45	22.39	24.81	11.6	25.12	6.38	6.57	9.01	14.39				
5	NT2RP2003976	33.5	36.02	32.11	28.15	26.29	22.25	25.49	23.11	18.45	*	**	-	-
	NT2RP2003981	10.38	7.73	15.47	7.98	3.66	7.9	3.93	9.3	6.45				
	NT2RP2003984	21.86	17.33	21.82	17.29	10	7.7	4.79	10.99	18.59				
	NT2RP2003986	29.04	20.99	42.5	17.22	10.08	14.95	20.31	27.16	19.47				
	NT2RP2003988	17.98	13.51	22.96	15.07	9.71	10.14	10.31	12.25	15.8				
10	NT2RP2004013	76.9	66.49	68.74	48.94	44.57	34.09	28.41	25.31	32.75	**	**	-	-
	NT2RP2004014	12.05	10.78	9.86	7.34	4.69	5.32	4.75	6.66	7.06	**	**	-	-
	NT2RP2004036	38.11	34.32	48.47	33.97	30.52	34.54	23.89	26.94	32.83				
	NT2RP2004041	15.68	9.6	13.65	12.24	6.88	6.29	9.46	7.39	4.47				
	NT2RP2004042	10.47	6.9	14.24	8.26	4.18	4.2	3.12	8.29	6.46				
	NT2RP2004049	50.08	29.35	58.86	54.03	47.21	47.08	23.48	30.4	35.04				
15	NT2RP2004060	14.43	11.83	19.24	13.07	7.66	8.82	6.25	9.01	6.7	*	*	-	-
	NT2RP2004066	9.22	7.65	15.12	7.14	3.11	3.37	2.62	3.51	3.15	*	*	-	-
	NT2RP2004069	13.07	11	19.34	9.29	5.59	3.82	4.85	6.14	4.78	*	*	-	-
	NT2RP2004076	7.23	8.97	8.94	6.15	5.2	2.62	3.55	3.66	4.01	*	**	-	-
	NT2RP2004080	16.76	19.32	21.22	10.81	7.94	4.93	7.71	6.49	6.54	**	**	-	-
	NT2RP2004081	12.13	9.06	12.95	7.67	4.89	5.2	4.76	5.29	3.41	*	**	-	-
20	NT2RP2004098	14.04	9.1	18.6	7.17	4.55	6.94	5.74	6.96	7.08				
	NT2RP2004108	15	13.48	22.62	10.06	6.21	6.99	5.4	7.73	10.17	*	*	-	-
	NT2RP2004124	8.21	9.75	17.19	8.66	5.64	4.42	4.13	6.1	2.63				
	NT2RP2004130	14.54	18.18	16.71	14.91	10.54	10.38	6.64	6.32	8.03	**	**	-	-
	NT2RP2004133	9.17	7.74	14.55	6.02	4.47	1.66	3.8	2.83	1.86	*	*	-	-
	NT2RP2004141	13.91	6.7	8.65	9.25	5.97	4.12	2.68	2.87	3.2	*	*	-	-
25	NT2RP2004142	20.24	20.66	23.15	12.58	8.99	0.11	7.76	8.1	8.83	*	**	-	-
	NT2RP2004152	12.94	17.34	28.22	13.04	12.79	7.85	8.66	8.13	4.02				
	NT2RP2004165	23.06	20.1	27.11	14.41	8.19	16.16	10.91	12.82	15.14	*	*	-	-
	NT2RP2004170	14.84	22.1	21.27	11.56	5.42	12.52	7.64	14.97	10.1	*	*	-	-
	NT2RP2004172	11.82	8.43	19.13	9.78	6.86	6.4	5.08	5.49	3.29				
	NT2RP2004176	16.04	24.68	27.17	14.08	13.85	12.56	15.42	21.18	13.53				
30	NT2RP2004179	11.06	11.88	18.99	6.12	3.68	3.62	3.12	4.46	3.04	*	*	-	-
	NT2RP2004187	10.62	14.3	17.05	10.83	6.49	6	6.3	3.3	5.65	*	*	-	-
	NT2RP2004190	11.44	13.08	11.65	11.65	16.98	5.99	14.27	4.91	8.09				
	NT2RP2004194	34.23	32.85	35.34	19.96	14.64	15.16	22.5	12.25	14.92	**	**	-	-
	NT2RP2004196	30.83	39.33	27.33	12.84	5.98	11.23	10.98	13.1	14.08	**	**	-	-
	NT2RP2004205	29.01	29.84	37.62	20.1	10.4	15.74	17.25	16.98	24.08	*	*	-	-
35	NT2RP2004207	8.99	13.88	16.49	8.05	7.02	4.72	8.6	7.78	25.16				
	NT2RP2004226	17.66	11.75	16.67	11.25	9.6	5.13	9.93	6.52	8.04	*	*	-	-
	NT2RP2004232	9.38	7.39	12.33	6.45	7.37	3.57	6.49	3.42	8.98				
	NT2RP2004239	9.12	12.33	10.22	7.52	5.19	3.55	2.71	5.07	3.29	*	**	-	-
	NT2RP2004240	34.67	45.84	33.56	20.39	18.64	6.67	14.35	6.97	4.81	*	**	-	-
	NT2RP2004242	15.64	15.83	16.65	14.76	9.29	9.76	10.22	6.01	6.98	**	**	-	-
40	NT2RP2004245	7.49	8.21	10.79	7.33	2.04	4.45	4.33	4.59	4.95	*	*	-	-
	NT2RP2004270	62.73	47.21	68.41	46.4	33.04	45.75	50.52	75.49	70.49				
	NT2RP2004300	12.51	8.53	13.1	8.54	9.07	5.04	6.79	9.38	7.79				
	NT2RP2004304	16.04	25.81	28.38	10.74	8.89	6.86	7.57	8.7	9.4	*	*	-	-
	NT2RP2004313	5.32	5.55	8.05	4.79	1.11	1.27	2.98	2.46	2.35	*	*	-	-
	NT2RP2004316	7.59	19.66	19.22	7.37	4.16	2.63	3.4	2.3	5.68	*	*	-	-
45	NT2RP2004321	11.35	10.01	12.72	6.18	1.74	2.16	3.62	2.37	4.34	**	**	-	-
	NT2RP2004336	6.56	6.01	5.01	7.15	3.83	3.55	3.86	1.85	3.64	*	*	-	-
	NT2RP2004338	86.87	54.65	64.97	50.21	27.02	70.75	73.53	111.22	98.32				
	NT2RP2004347	9.56	12.29	15.81	9.78	3.94	5.75	4.47	6.18	9.27				
	NT2RP2004364	17.82	15.18	19.5	11.98	7.62	12.3	9.63	15.21	13.78	*	*	-	-
	NT2RP2004365	16.43	16.15	23.6	8.67	8.61	4.88	6.23	5.81	4.59	*	**	-	-
50	NT2RP2004366	6.71	10.58	9.59	7.66	3.53	5.17	5.46	3.22	3.29	*	*	-	-
	NT2RP2004373	12.26	11.21	11.74	7.26	2.71	4.58	3.35	3.56	4.51	**	**	-	-
	NT2RP2004375	63.47	77.52	81.72	36.96	16.48	21.89	34.46	29.81	18.56	**	**	-	-
	NT2RP2004389	11.31	16.36	12.26	9.91	2.21	4.95	5.82	4.38	4.02	*	**	-	-
	NT2RP2004392	57.13	31.73	43.78	20.38	16.25	19.24	10.86	16.27	14.58	*	*	-	-
	NT2RP2004396	13.42	9.2	11.06	9.69	3.89	7.39	5.67	7.43	7.76	*	*	-	-
55	NT2RP2004399	25.77	19.74	26.11	15.91	12.56	15.11	9.21	12.21	10.01	*	**	-	-
	NT2RP2004400	10.29	9.25	9.33	9.9	4.17	8.44	7.31	8.61	9.43	*	*	-	-
	NT2RP2004404	142.91	126.47	123.47	87.01	85.43	109.26	171.94	127.81	174.94	*	*	-	-

Table 432

	NT2RP2004410	39.53	65.74	46.52	39.11	16.74	16.36	21.28	23.23	25.45	*	-
	NT2RP2004412	14.74	10.36	20.72	26.06	1.96	8.17	8.89	4.91	6.36		
5	NT2RP2004414	8.26	7	7.21	7.75	3.36	2.32	8.71	6.3	5.47		
	NT2RP2004425	10.2	6.28	19.09	7.43	2.9	4.39	7.1	5.14	4.24		
	NT2RP2004447	7.9	4.2	15.6	7.23	1.76	4.51	4.43	8.04	6.17		
	NT2RP2004463	53.44	48.94	45.23	51.07	39.96	24.66	38.74	19.02	17.11	*	-
	NT2RP2004476	18.45	12.59	23.94	14.93	16.73	11.7	16.21	16.49	14.59		
	NT2RP2004488	10.21	10.37	13.58	8.53	5.46	7.65	8.97	6.18	4.15	*	*
10	NT2RP2004490	6.88	9.48	11.96	10.41	4.06	3.06	6.4	5.15	3.37		-
	NT2RP2004495	59.84	40.86	52.11	47.08	29.44	39.52	53.9	45.74	40.44		
	NT2RP2004512	17.42	8.07	18.38	11.03	4.08	6.19	1.75	5.77	3.87	*	-
	NT2RP2004523	26.61	22.99	26.09	20.55	9.56	18.73	12.96	22.93	30.09		
	NT2RP2004524	21.22	18.85	29.36	17.14	12.55	10.77	11.27	10.59	14.51	*	-
	NT2RP2004536	39.58	17.04	37.57	26.29	26.05	14.38	14.91	28.86	19.32		
15	NT2RP2004538	145.51	113.79	134.59	95.27	89.81	81.41	118.33	103.7	132.33	*	-
	NT2RP2004548	21.33	25.87	20.88	16.6	11.36	9.17	14.62	15.2	15	*	**
	NT2RP2004551	8.55	11.05	18.95	8.38	5.63	4.59	5.77	5.04	6.54		-
	NT2RP2004556	107.44	116.09	115.34	100.64	83.01	68.21	138.61	66.34	73.2	*	-
	NT2RP2004568	25.54	15.99	32.04	18.77	7.42	18.63	9.21	19.06	44.48		
	NT2RP2004580	28.48	22.84	30.46	23.04	12.01	15.3	24.34	30.63	24.49		
20	NT2RP2004585	104.19	75.97	102.59	102.16	96.71	82.97	64.51	65.78	63.06	*	-
	NT2RP2004587	7.64	7.71	10.73	6.38	2.94	4.03	2.08	3.66	11.64	*	-
	NT2RP2004594	9.49	13.7	13.53	10.94	10.06	5.96	7.18	7.17	14.25		
	NT2RP2004600	11.79	11.86	12.42	9.8	6.39	8.89	9.84	7.14	9.81	*	*
	NT2RP2004602	16.85	24.33	21.89	13.29	12.49	8.02	12.27	7.59	7.04	*	*
25	NT2RP2004605	282.85	252.35	268.41	181.43	248.55	245.26	257.06	189.04	158.13		-
	NT2RP2004614	9.31	7.04	11.06	6.07	2.67	4.48	3.52	3.61	6.4	*	*
	NT2RP2004648	12.5	37.87	41.62	14.38	8.31	11.65	10.13	8.24	22.59		
	NT2RP2004655	27.02	40.5	41.28	26.01	23.69	13	4.9	10	13.87	**	-
	NT2RP2004664	12.3	12.14	15.06	9.64	6.17	5.52	2.65	4.39	2.54	*	**
	NT2RP2004670	9.81	11.79	9.6	6.17	5.86	2.45	3.26	4.14	2.42	*	**
30	NT2RP2004675	22.26	31.4	25.45	19.55	10.89	11.73	17.4	17	31.58	*	-
	NT2RP2004681	11.82	17.49	14.89	8.26	5.82	3.58	5.62	7.61	5.68	*	**
	NT2RP2004689	5.34	26.14	16.38	16.38	9.9	10.44	10.84	15.98	14.64		
	NT2RP2004709	38.28	22.19	35.75	22.32	11.28	19.42	7.33	20.31	16.27		
	NT2RP2004710	23.78	32.41	33.69	19.19	16.47	14	10.16	17.13	21.44	*	*
	NT2RP2004721	16.3	9.83	18.51	7.64	2.48	4.31	3.84	6.3	2.86	*	*
35	NT2RP2004736	12.51	12.2	14.69	12.94	8.12	6.27	5.93	10.36	6.34	*	-
	NT2RP2004743	18.86	18.19	16.11	11.52	9.54	6.56	6.31	8.72	9.61	**	**
	NT2RP2004750	59.2	56.12	63.52	47.6	43.74	38.38	59.22	63.07	62.81	**	-
	NT2RP2004755	27.3	33.26	34.09	17.59	21.76	19.12	17.05	12.23	8.96	**	**
	NT2RP2004767	16.81	19.28	18.07	14.61	10.15	10.32	11.83	8.67	9.96	*	**
	NT2RP2004768	39.27	17.22	28.44	49.02	23.23	30.48	23.63	20.93	17.76		
40	NT2RP2004775	10.4	6.35	15.81	7.59	3.37	4.94	1.86	3.35	3.03	*	-
	NT2RP2004791	35.3	37.93	43.25	33.95	20.1	16.04	17.4	29.11	27.1		
	NT2RP2004794	54.46	52.25	59.56	37.23	24.39	16.04	14.21	17.04	17.83	*	**
	NT2RP2004795	16.82	13.04	16.28	12.97	8.52	3.96	6.33	6.26	8.64	**	-
	NT2RP2004799	16.76	14.17	14.52	9.03	7.47	5.55	2.73	2.76	3.58	**	**
	NT2RP2004802	42.99	46.43	41.16	46.78	39.32	30.76	28.53	29.92	38.26	*	-
45	NT2RP2004810	18.3	18.68	17.35	9.03	6.57	4.19	8.85	4.21	4.39	**	*
	NT2RP2004816	30.61	34.82	43.2	16.85	15.68	3.1	5.7	11.84	0.57	*	**
	NT2RP2004837	55.01	32.88	59.21	31.78	19.92	27.08	12.99	11.53	9.41	*	-
	NT2RP2004841	12.28	19.6	17.04	13.83	8.03	5.66	4.26	5.92	8.44	*	-
	NT2RP2004847	56	45.24	59.59	31.54	30.59	31.44	43.02	39.63	29.66	**	-
	NT2RP2004861	6.61	6.78	10.74	6.21	2.52	2.33	3.42	5.23	1.33		
50	NT2RP2004897	8.06	8.52	10.02	7.86	4.8	3.34	2.33	3.07	4.66	**	-
	NT2RP2004932	11.96	10.46	13.81	9.34	4.73	6.48	4.87	3.86	6	*	**
	NT2RP2004933	6.78	7.42	14.62	6.21	3.1	2.23	3.41	1.97	1.54	*	-
	NT2RP2004936	9.66	18.67	21.72	10.34	4.39	7.29	2.62	3.9	3.25	*	-
	NT2RP2004951	8.57	7.11	15.72	9.26	2.32	5.42	3.11	6.13	4.04		
	NT2RP2004959	12.5	13.69	22.18	6.53	5.09	6.63	3.92	5.67	5.43	*	*
55	NT2RP2004961	15.97	14.64	23.99	12.05	7.35	8.71	10.28	8.72	8.04	*	*
	NT2RP2004962	15.99	15.58	20.13	13.9	10.21	9.93	9.78	10.65	9.69	*	-
	NT2RP2004966	6.94	8.72	7.55	5.31	3.88	2.7	4.34	2.81	2.89	*	**

Table 433

	NT2RP2004967	18.8	14.08	15.99	13.12	6.04	9.98	11.43	12.91	9.85	*	*	-
	NT2RP2004974	8.02	8.78	7.74	5.74	3.27	3.73	5.44	2.35	2.1	**	*	-
	NT2RP2004978	14.12	27.31	13.7	11.96	4.65	6.79	4.16	9.57	4.35			
5	NT2RP2004982	4.88	6.54	10.22	4.28	1.48	0.85	1.99	1	1.83	*		-
	NT2RP2004985	209.85	195.75	215.75	166.58	153.94	208.41	198.37	224.84	192.82			
	NT2RP2004999	16.04	12.97	26.42	17.44	8.41	10.32	9.65	18.31	9.11			
	NT2RP2005000	9.18	10.25	11.07	6.99	2.87	3.26	5.46	4.95	3.42	*	**	-
	NT2RP2005001	18.08	20.79	40.06	15.62	11.69	13.08	12.25	15.19	13.27			
10	NT2RP2005003	15.88	14.42	15.05	11.32	5.53	6.52	11.83	11.19	8.75	*	*	-
	NT2RP2005012	40.61	57.66	43.61	20.05	11.76	16.65	21.02	13.16	20.53	**	**	-
	NT2RP2005018	6.29	10.32	12.32	7.2	3.34	4.91	3.54	5.22	4.18	*		-
	NT2RP2005020	138.98	109.02	105.29	97.72	59.61	79.54	117.66	175.16	138.64			
	NT2RP2005022	8.77	8.01	12.34	8.19	7.74	5.07	4.96	7.16	9.74			
	NT2RP2005027	53.46	62.9	53.33	58.43	50.24	56.5	33.74	38.11	31.82	**		-
15	NT2RP2005031	6.85	8.81	9.58	5.73	4.02	3.36	3.46	3.48	3.14	*	**	-
	NT2RP2005037	16.82	18.46	19.47	6.47	4.36	2.93	2.65	3.66	6.14	**	**	-
	NT2RP2005038	6.96	8.98	11.09	7.2	2.46	3.49	4.34	2.45	1.1	*		-
	NT2RP2005048	39.21	28.46	29.89	31.24	22.21	43.14	32.34	46.11	37.29	*	*	-
	NT2RP2005069	79.3	47.14	64.37	36.64	18.08	20.34	23.96	33.08	29.72	*	*	-
	NT2RP2005073	67.78	54.66	62.54	70.16	48.08	81.7	55.95	55.76	57.19			
20	NT2RP2005097	10.25	7.51	14.59	6.49	1.21	4.7	3.75	2.8	2.35	*		-
	NT2RP2005108	13.57	11.63	13.11	6.87	5.69	6.68	5.31	6.56	5.73	**	**	-
	NT2RP2005116	11.75	10.87	12.14	10.24	4.17	4.29	7.43	5.88	6.2	**		-
	NT2RP2005126	21.43	28.84	28.25	14.77	6.89	5.64	7.77	5.68	5.93	*	**	-
	NT2RP2005135	10.21	11.92	11.29	12.06	3.02	7.4	9.29	7.72	6.92	*		-
	NT2RP2005139	4.47	5.9	6.41	5.94	3.02	9.46	4.16	4.52	4.09			
25	NT2RP2005140	10.93	7.52	7.44	7.58	3.55	5.44	3	4.22	2.26	*		-
	NT2RP2005144	13.73	10.54	13.89	8.29	4.49	7.83	1.84	3.98	2.4	*	**	-
	NT2RP2005147	22.69	15.06	21.74	11.07	5.61	11.36	5.53	13.64	8.82	*	*	-
	NT2RP2005148	19.34	14.98	12.3	16.32	7.5	14.47	18.68	18.99	24			
	NT2RP2005159	9.52	7.06	9.83	13.34	5.14	7.92	4.36	3.56	6.05	*		-
	NT2RP2005162	14.54	12.5	16.31	14.53	7.94	8	8.72	9.34	7.02	**		-
30	NT2RP2005163	25.5	37.52	33.86	15.82	13.92	18.66	24.95	23.28	21.32	*		-
	NT2RP2005168	10.58	6.62	14.16	11.05	5.89	4.43	4.83	6.74	4.36			
	NT2RP2005181	4.05	2.99	8.75	6.74	2.11	1.29	1.74	3.19	2.03			
	NT2RP2005204	14.87	10.24	20.73	15.12	7.06	10.51	11.01	6.88	10.24			
	NT2RP2005219	24.24	19.15	32.19	26.01	12.29	15.28	21.03	18.69	23.06			
	NT2RP2005227	12.24	9.75	17.91	17.67	5.27	7.45	11.51	12.06	11.25			
35	NT2RP2005237	103.35	89.54	103.29	128.64	70.44	96.83	81.16	75.94	83.42	*		-
	NT2RP2005239	4.86	6.22	9.52	8.57	2.23	3.55	3.5	4.01	4.35			
	NT2RP2005247	22.45	25.01	32.27	32.43	14.24	19.04	34.79	31.96	33.52			
	NT2RP2005254	36.5	15.86	25.1	17.04	11.36	15.24	5.51	13.65	13.69			
	NT2RP2005270	25.5	13.21	29.5	13.51	9.93	13.53	11.24	14.21	22.67			
	NT2RP2005276	40.6	21.43	40.17	20.18	14.43	16.86	10.58	8.43	8.36	*		-
40	NT2RP2005287	16.9	10.22	25.14	13.6	9.12	7.29	8.33	9.76	8.8			
	NT2RP2005288	6.35	8.09	8.85	7.18	3.2	3.43	4.54	4.39	3.3	*	*	-
	NT2RP2005289	19.76	15.26	21.43	14.2	10.57	10.92	15.53	14.93	15.73	*		-
	NT2RP2005293	9.79	11.07	10.95	8.57	5.47	3.14	6.98	5.79	5.74	*	**	-
	NT2RP2005315	15.84	21	21.65	20.97	8.72	12.4	13.48	9.21	11.44	*		-
	NT2RP2005322	33.55	31.7	65.28	25.82	25.53	26.43	14.38	22.11	31.46			
45	NT2RP2005325	54.2	44	55.99	38.68	30.82	29.07	18.94	27.07	30.65	*	**	-
	NT2RP2005336	20.36	12.98	27.96	11.35	7.87	9.01	10.99	13.9	14.17			
	NT2RP2005343	12.61	22.98	14.15	9.9	5.77	8.7	7.81	10.19	10.12			
	NT2RP2005344	6.04	8.8	10.41	6.82	3.18	3.71	4.76	3.86	3.88	*		-
	NT2RP2005347	7.59	13.3	8.99	7.33	4.35	4.03	4.9	3.27	3.77	*		-
50	NT2RP2005354	41.58	40.59	43.7	31.3	21.57	29.41	26.2	24.6	22.64	**	**	-
	NT2RP2005358	43.39	32.77	43.03	61.06	32.41	50.49	63.9	54.2	58.54	*		+
	NT2RP2005360	11.79	10	18.74	11.01	6.71	7.24	3.72	6.21	9.76			
	NT2RP2005378	29.24	21.46	29.8	11.99	9.12	7.48	6.73	9.68	15.33	**	*	-
	NT2RP2005391	8.87	18.64	25.48	15.21	9.76	9	4.05	7.34	6.04			
	NT2RP2005393	18.88	11.72	17.99	12.44	7.52	10.75	12.61	18.43	12.16			
55	NT2RP2005407	7.79	10.99	12.03	9.14	5.76	6.4	4.56	6.12	6.26	*		-
	NT2RP2005419	14.03	13.17	13.95	13.78	13.3	12.37	11.42	9.28	10.02	**		-
	NT2RP2005425	22.13	23.63	29.77	16.49	17.86	16.5	26.07	23.18	23.95	*		-

Table 434

	NT2RP2005429	20.77	21.25	24.75	28.87	19.9	22.9	31.5	41.11	27.5				
	NT2RP2005436	21.72	21.01	36.27	15.82	10.49	11.17	6.19	10.76	15.31				
5	NT2RP2005441	12.34	10.42	16.43	6.82	3.95	2.88	3.88	5.58	7.88	*	*	-	-
	NT2RP2005442	100.99	76.34	97.05	85.22	107.34	64.16	56.06	96.44	76.81				
	NT2RP2005444	44.56	42.84	50.52	45	41.48	37.39	33.32	34.33	40.3	*	*	-	-
	NT2RP2005453	6.3	5.27	7.3	6.26	2.81	2.81	2.27	2.79	2.65	**	*	-	-
	NT2RP2005457	65.08	106.4	103.3	51.25	79.76	59.93	40.37	56.9	47.82	*	*	-	-
	NT2RP2005458	19.63	18.76	13.48	12.24	12.61	6.33	8.23	12.39	11.01	*	*	-	-
10	NT2RP2005463	26.71	23.66	25.36	21.35	13.39	12.75	11.08	11.67	8.93	*	**	-	-
	NT2RP2005464	28.8	25.9	35.07	16.26	12.23	8.38	4.05	11.36	13.81	**	**	-	-
	NT2RP2005465	8.44	13.41	18.06	10.55	9.11	6.34	5.69	6.77	5.88				
	NT2RP2005472	156.47	127.25	179.85	146.2	122.26	139.88	141.98	194.05	159				
	NT2RP2005476	18.49	17.23	18.61	16.08	8.51	7.62	10.76	9.58	6.82	**	*	-	-
	NT2RP2005490	38.19	48.01	41.98	41.4	60.4	46.27	36.8	25.85	27.98	*	*	-	-
15	NT2RP2005491	79.97	62.21	87.46	43.7	46.69	33.15	42.26	41.55	39.38	*	**	-	-
	NT2RP2005495	8.67	12.67	12.73	8.05	5.23	3.12	3.29	2.22	4.63	*	**	-	-
	NT2RP2005496	40.82	33.68	40.13	35.53	16.36	22.99	49.27	41.88	52.93				
	NT2RP2005498	14.64	10.07	20.28	8.15	3.71	0.94	3.15	5.06	7.24	*	*	-	-
	NT2RP2005501	15.01	11.26	15.06	10.4	6.02	5.78	5.37	7.88	6.8	*	**	-	-
	NT2RP2005506	386.46	291.76	402.21	469.63	426.17	208.66	248.04	333.44	241.6				
20	NT2RP2005509	12.93	15.67	24.29	8.78	9.8	9.01	11.69	14.68	14.73				
	NT2RP2005514	15.12	18.77	16.43	9.09	7.1	7.44	5.07	6.13	3.95	**	**	-	-
	NT2RP2005520	125.71	88	119.54	107.31	84.59	104.73	102.45	122.23	104.75				
	NT2RP2005525	11.61	19.18	16.45	11.91	8.22	5.77	3.77	4.63	4.84	**	*	-	-
	NT2RP2005531	6.49	2.54	4.37	5.65	2.65	0.74	1.72	1.38	1.4				
25	NT2RP2005535	28.78	24.33	27.3	18.42	7.97	16.95	13.78	20.87	16.38	*	*	-	-
	NT2RP2005539	7.33	11.94	18.75	8.51	6.39	4.26	3.51	3.63	4.88				
	NT2RP2005540	16.33	11.75	18.94	9.77	17.11	5.41	9.79	8.14	4.41	*	*	-	-
	NT2RP2005541	14.69	11.15	19.91	13.02	7.16	8.12	7.95	8.57	7	*	*	-	-
	NT2RP2005549	11.12	11.63	18.04	9.08	7.83	5.49	4.23	4.44	5.21	*	*	-	-
	NT2RP2005555	16.74	21.24	18.63	10.59	10.43	7.67	9.05	5.08	3.67	**	**	-	-
30	NT2RP2005557	15.1	14.02	12.36	10.06	7.31	4.94	4.63	4.36	4.73	*	**	-	-
	NT2RP2005581	28.08	26.29	29.21	26.59	10.92	19.41	31.86	21.24	23.29				
	NT2RP2005586	16.13	21.05	17.82	8.84	4.94	6.39	4.6	7.07	6.9	**	**	-	-
	NT2RP2005597	6.89	6.97	9.77	7.01	1.89	3.66	2.71	4.02	1.82	*	*	-	-
	NT2RP2005600	10.61	7.34	12.5	8.41	8.29	5.16	5.14	5.97	3.47	*	*	-	-
	NT2RP2005605	53.68	52.91	55.5	30.27	27.97	29.06	25.09	21.21	26.25	**	**	-	-
35	NT2RP2005614	9.49	10.07	16.9	6.5	3.69	4.19	2.85	3.64	2.63	*	*	-	-
	NT2RP2005620	17.66	10.99	8.05	7.1	2.87	3.18	7.89	3.09	3.37				
	NT2RP2005622	16.16	16.55	15.71	9.98	5.85	5.98	5.01	2.43	3.54	**	**	-	-
	NT2RP2005632	24.79	21.59	16.99	24.01	11.37	16.72	22.78	10.85	12.69				
	NT2RP2005635	41.82	31.3	47.35	47.22	30.84	66.01	30.58	31.82	30.82				
	NT2RP2005637	8.32	23.19	12.21	8.57	5.9	4.47	9.6	7.75	5.54				
40	NT2RP2005640	15.46	12.6	16.31	14.33	9.36	13.4	14.45	17.32	12.67				
	NT2RP2005645	23.93	18.08	21.54	10.6	8.02	9.84	11.24	9.09	9.16	**	**	-	-
	NT2RP2005651	27.47	30.93	34.21	15.98	10.8	18.12	23.48	20.74	24.88	**	*	-	-
	NT2RP2005654	13.13	10.24	14.43	6.36	4.26	2.41	3.56	3.27	5.28	**	**	-	-
	NT2RP2005666	12.61	72.48	13.27	7.56	5.9	4.42	7.43	6.32	9.59				
	NT2RP2005669	15.23	15	15.44	12.86	8.17	11.55	8.81	7.49	8.17	*	**	-	-
45	NT2RP2005670	7.59	11.17	16.69	7.09	6.37	6.24	3.98	5.41	8.38				
	NT2RP2005671	8.66	9.38	12.5	6.17	4.27	6.41	3.39	7.42	4.35	*	*	-	-
	NT2RP2005675	53.41	58.69	56.21	73.47	47.08	88.08	46.13	47.46	45.27	**	*	-	-
	NT2RP2005683	12.5	14.86	22.54	12.03	8.9	11.13	12.51	11.13	11				
	NT2RP2005690	7.16	9.78	9.15	7.31	2.58	3.76	6.01	4.75	5.81	*	*	-	-
	NT2RP2005694	13.45	13.78	12.27	8.68	4.9	4.46	6.63	6.81	8.01	**	**	-	-
50	NT2RP2005701	21.29	27.54	24.8	13.54	7.14	7.23	9.96	8.67	7.38	**	**	-	-
	NT2RP2005712	5.67	6.5	6.73	7.41	2.31	3.04	4.59	2.86	2.66	*	*	-	-
	NT2RP2005719	17.92	12.64	12.02	8.92	5.92	13.08	4.64	11.29	9.06				
	NT2RP2005722	24.17	15.94	25.68	22.5	8.47	9.89	8.38	12.95	9.48	*	*	-	-
	NT2RP2005723	11.76	19.91	11.37	8.9	4.43	7.12	5.8	6.31	6.59	*	*	-	-
	NT2RP2005726	13.16	8.51	18.51	13.17	7.93	10.58	7.85	8.96	10.35				
55	NT2RP2005729	20.35	17.21	20.34	11.64	9.52	5.78	12.25	8.44	10.44	**	**	-	-
	NT2RP2005731	4.25	2.53	4.11	5.17	0	0.69	1.06	1.65	0.86	*	*	-	-
	NT2RP2005732	54.72	53.14	65.72	91.69	67.12	83.97	67.17	50.47	67.53	*	+	-	-

Table 435

	NT2RP2005737	61.08	46.51	54.73	57.66	30.52	54.91	80.55	70.19	69.8	*	†
	NT2RP2005741	8.17	4.22	11.68	8.13	3	5.42	3.62	4.85	3.95		
	NT2RP2005748	8.36	5.27	13.52	8.19	3.71	6.33	3.46	4.51	7.44		
5	NT2RP2005752	31.75	22.62	38.43	14.99	13.75	18.04	15.51	16.74	18.45	*	*
	NT2RP2005753	34.44	30.95	48.77	33.24	26.02	18.11	26.19	25.32	15.55		
	NT2RP2005763	8.78	7.62	12.88	6.76	3.85	3.68	4.32	5.6	4.17	*	
	NT2RP2005767	8.89	8.69	15.86	7.42	5.16	5.67	6.13	4.89	5.16		
	NT2RP2005773	53.73	61.68	69.19	40.66	32.98	33.21	37.38	30.92	21.66	**	**
10	NT2RP2005774	13.75	12.5	18.48	16.31	7.06	7.53	18.33	17.56	17.06		
	NT2RP2005775	12.13	7.53	22.24	13.73	4.82	6.66	4.04	6.6	5.74		
	NT2RP2005781	39.68	23.61	38.05	24.73	22.45	22.65	9.91	16.91	23.06		
	NT2RP2005784	30.34	20	41.77	17.54	13.38	14.34	11.13	13.26	15.12		
	NT2RP2005789	16.92	16.55	24.71	17.16	13.64	7.39	8.95	14.02	9.78		
	NT2RP2005799	11.23	8.75	9.48	10.01	3.28	4.24	3.37	6.03	3.88	**	
15	NT2RP2005804	106.7	97.93	105.55	76.62	70.98	67.98	110.4	84.7	108.91	**	
	NT2RP2005812	6.56	9.52	8.36	6.62	4.2	4.89	5.32	2.9	2.58	*	
	NT2RP2005815	2.76	4.98	5.71	6.34	2.94	2.65	4.39	4.52	4.97		
	NT2RP2005835	26.87	25.04	37.02	18.31	16.79	16.79	10.34	14.43	39.55	*	
	NT2RP2005841	22.25	27.56	27.52	20.49	14.43	16.92	11.4	11.65	19.51	*	*
20	NT2RP2005853	18.13	15.89	21.67	12.41	10.18	1.04	9.88	13.51	11.3	*	*
	NT2RP2005857	11.03	8.75	10.83	7.42	4.51	1.32	4.21	5.92	5.5	*	**
	NT2RP2005859	12.15	11.97	15.23	11.24	7.93	4.86	8.29	8.94	6.43	*	
	NT2RP2005860	0.96	5.77	2.68	4.74	2.31	1.31	1.34	1.77	1.13		
	NT2RP2005863	8.01	8.99	7.06	7.45	6.66	5.32	7.67	5.36	4.12		
	NT2RP2005868	5.66	10.09	8.76	11.28	4.39	6.75	7.63	5.42	5.14		
	NT2RP2005876	29.94	9.36	44.21	25.04	19.27	15.81	14.52	17.33	37.26		
25	NT2RP2005878	17.4	21.07	28.07	15.86	10.5	10.77	9.96	17.05	21.58		
	NT2RP2005883	9.58	9.62	13.3	8.93	6.54	7.61	3.43	11.45	8.28		
	NT2RP2005886	109.48	86.27	131.02	108.7	95.74	145.77	77.39	72	86.69		
	NT2RP2005887	12.65	18.34	15.15	9.59	5.47	2.19	3.8	5.68	5.07	*	**
	NT2RP2005890	11.6	13.15	14.84	6.76	5.32	5.53	4.7	5.77	4.32	**	**
30	NT2RP2005901	11.96	15.27	14.95	10.18	6.55	8.12	6.42	5	5.8	*	**
	NT2RP2005902	4.82	5.49	5.62	9.24	3.69	5.72	4.9	8.33	5.18		
	NT2RP2005908	24.41	23.56	59.06	23.37	17.17	15.35	18.41	25.09	27.9		
	NT2RP2005927	7.88	6.48	15.44	8.31	4.33	4.46	3.45	5.76	4.29		
	NT2RP2005933	14.92	15.67	28.13	12.37	6.74	6	4	6.32	4.28	*	
	NT2RP2005941	10.69	8.58	13.22	7.84	3.9	3.96	2.9	4.82	2.65	*	**
35	NT2RP2005942	10.35	10.52	11.7	8.52	4	3.46	3.66	4.6	2.9	*	**
	NT2RP2005946	8.12	19.6	14.91	5.77	6.58	2.97	4.94	4.86	6.09		
	NT2RP2005970	73.5	72.19	81.01	50.77	49.15	40.53	67.44	62.72	62.64	**	*
	NT2RP2005980	7.01	5.07	5.9	6.68	2.11	2.14	3.31	3.86	4.51	*	
	NT2RP2005994	12.99	9.14	13.53	7.59	4.09	0.3	2.32	3.71	4.52	*	**
	NT2RP2006004	7.54	4.47	13.06	6.53	2.59	2.1	2.72	2.9	3.13		
40	NT2RP2006013	11.06	6.58	20.3	11.12	5.96	2.47	2.76	11.94	3.04		
	NT2RP2006023	79.4	60.83	74.67	51.53	34.64	38.07	64.39	76.12	79.93	*	
	NT2RP2006028	23.13	26.87	22.92	16.89	12.58	6.73	6.52	8.45	15.41	*	**
	NT2RP2006038	4.35	4.75	6.83	4.07	1.31	0.83	1.09	0.16	1.4	*	**
	NT2RP2006042	15.45	13.74	13.53	9.24	8.86	3.55	5.34	6.22	7.22	*	**
	NT2RP2006043	17.81	13.76	15.29	13.7	7.47	8.55	9.41	5.9	6.89	**	
45	NT2RP2006052	12.36	8.55	16.5	5.69	3	4.31	2.78	3.7	3.31	*	*
	NT2RP2006057	7	6.58	13.05	6.99	3.77	3.67	1.75	3.57	2.95	*	
	NT2RP2006064	31.45	32.66	33.8	25.4	15.66	8.71	6.36	7.35	7.36	*	**
	NT2RP2006068	7.85	6.5	16.27	7.3	3.64	3.64	2.88	4.02	3.43		
	NT2RP2006069	10.49	8.04	9.64	6.75	2.89	1.65	2.28	1.16	1.94	*	**
	NT2RP2006071	12.09	22.31	12.61	10.26	7.27	0.85	3.44	3.17	3.04	*	
50	NT2RP2006090	10.61	10.59	22.59	7.62	4.75	0.57	5.24	4.28	5.3		
	NT2RP2006092	15.25	7.07	12.08	13.1	8.69	10.62	13.15	8.79	8.66		
	NT2RP2006097	52.21	101.2	64.35	48.63	48.31	38.97	25.59	53.43	52.7		
	NT2RP2006098	13.67	12.41	21.3	14.85	6.15	8.49	5.13	8.68	3.6	*	
	NT2RP2006099	65.92	60.33	80.23	76.5	49.76	0.24	73.49	73.17	78.2		
55	NT2RP2006100	14.09	12.17	17.63	9.6	8.02	0.77	4.01	5.07	4.89	**	
	NT2RP2006103	6.26	4.22	7.72	5.83	3.58	2.06	2.74	2.72	2.55	*	
	NT2RP2006106	48	36	55.68	34.38	35.82	35.56	24.01	21.59	18.79	*	
	NT2RP2006127	6.5	4.86	5.96	5.76	1.93	3.45	3.78	1.37	2.06	*	

Table 436

	NT2RP2006134	9.57	6.53	12.45	11.76	2.26	6.54	9.28	6.55	5.96				
	NT2RP2006141	13.6	10.51	20.75	11.91	8.44	5.24	5.17	8.6	15.73				
5	NT2RP2006166	43.39	37.58	47.62	23.75	15.94	0.88	44.65	56.53	70.7	*		-	
	NT2RP2006176	17.92	13.68	20.98	13.87	7.31	8.84	7.42	10.41	8.82	*	*	-	
	NT2RP2006181	4.75	8.83	8.23	3.92	1.81	1.35	3.97	2.81	2.8	*		-	
	NT2RP2006184	64.52	54.32	63.63	42.14	32.28	42.22	63.72	47.39	43.75	**		-	
	NT2RP2006186	8.19	11.92	9.4	6.19	2.49	2.83	2.18	2.13	1.87	*	**	-	
	NT2RP2006196	22.53	23.16	21.9	14.52	7.82	10.37	16.26	11.79	10.32	**	**	-	
10	NT2RP2006199	9.01	9.11	8.26	8.72	4.43	4.65	6.19	4.21	5.05	**		-	
	NT2RP2006200	7.28	4.32	9.53	5.05	3.47	3.37	3.59	4.46	2.65			-	
	NT2RP2006210	90.78	69.8	53.22	55.44	37.83	25.49	20.22	40.51	30.76	*		-	
	NT2RP2006219	11.28	20.39	17.51	8.1	14.35	6.63	11.34	9.44	19.6			-	
	NT2RP2006224	12.75	19.13	21.38	12.72	10.81	3.64	17.87	16.61	1.85			-	
	NT2RP2006237	7.47	20.77	9.96	5.08	2.48	0.88	3	2.56	0.6			-	
15	NT2RP2006238	10.52	14.31	12.03	6.19	1.38	2.03	2.55	2.62	2.66	**	**	-	
	NT2RP2006258	10.05	20.38	11.9	6.71	3.4	2.58	5.8	4.54	6.64	*		-	
	NT2RP2006261	8.38	9.18	5.31	9.6	2.51	4.78	2.42	4.07	4.58	*	*	-	
	NT2RP2006269	17.03	14.29	15.32	11	5.59	7.26	3.86	12.06	5.85	*	*	-	
	NT2RP2006275	46.12	39	46.05	70.83	38.96	80.2	37.5	48.02	38.3			-	
20	NT2RP2006282	18.4	26.43	24.55	13.47	12.52	6.62	5.66	6.21	6.64	*	**	-	
	NT2RP2006302	17.18	26.6	32.5	13.26	6.56	8.01	5.28	4.17	5.65	*	*	-	
	NT2RP2006312	31.59	23.04	41.51	9.42	5.96	4.21	6.1	4.79	7.53	*	**	-	
	NT2RP2006320	41.28	41.71	36.93	24.86	13.12	15.23	28.98	37.1	32.63	**		-	
	NT2RP2006321	10.41	9.33	12.86	10.26	2.43	5.6	7.6	9.6	8.78			-	
	NT2RP2006323	7.58	5.4	4.29	6.62	1.35	3.01	7.41	4.95	4.91			-	
	NT2RP2006333	5.03	7.52	4.99	6.18	1.44	5.34	2.1	4.81	3.82			-	
25	NT2RP2006334	7.94	8.71	7.64	8.5	4.46	6.47	2.3	4.34	3.32	**		-	
	NT2RP2006338	12.7	9.34	36.56	7.32	2.93	4.16	2.16	2.04	3.64			-	
	NT2RP2006339	6.41	4.31	4.61	6.37	3.36	3.67	2.31	2.9	2.66	*		-	
	NT2RP2006355	6.78	12.38	3.94	6.81	1.66	2.59	2.74	4.14	2.84			-	
	NT2RP2006385	5.27	2.38	4.32	5.39	0.85	1.53	2.13	3.92	2.48			-	
30	NT2RP2006374	123.01	124.5	151.43	183.62	144.52	148.4	137.08	112.64	166.86			-	
	NT2RP2006393	22.69	18.53	23.1	17.79	6.84	13.61	27.67	23.54	25.74			-	
	NT2RP2006394	15.6	11.55	17.73	16.97	12.66	13.34	9.59	13.69	11.86			-	
	NT2RP2006400	8.82	4.99	12	10.48	4.15	11.24	9.88	11.64	10.5			-	
	NT2RP2006411	4.42	4.9	11.08	5.28	2.3	3.07	2.25	3.04	3.21			-	
	NT2RP2006429	2.69	1.8	8.38	6.1	1.17	1.68	2.03	2.68	1.46			-	
35	NT2RP2006435	1.14	1.44	3.96	3.86	0	1.28	1.25	0.25	0.25			-	
	NT2RP2006436	18.89	25.65	29.36	23.03	10	15.2	18.88	16.71	17.66			-	
	NT2RP2006441	3.24	5.37	8.45	6.78	2.17	3.47	5.5	2.69	1.87			-	
	NT2RP2006447	19.2	14.3	18.35	21.17	15.45	16.45	6.09	13.77	11.65			-	
	NT2RP2006454	8.01	2.56	13.95	6.26	3.2	3.65	3.95	4.09	2.96			-	
	NT2RP2006455	37.87	46.16	39.71	20.34	20.45	22.87	31.23	29.73	37.11	**		-	
40	NT2RP2006456	12.66	10.34	20.88	11.22	5.29	5.49	7.54	4.09	3.82			-	
	NT2RP2006464	49.31	38.6	70.84	30.42	38.8	32.65	22.89	19.33	15.74	*		-	
	NT2RP2006467	7.41	7.72	13.37	8.13	6.48	4.56	10.4	4.81	8.63			-	
	NT2RP2006472	17.27	35.33	39.96	36.59	25.1	29.12	15.84	31.69	29.65			-	
	NT2RP2006474	5.31	10.55	8.31	9.45	5.79	7.02	7.91	11.16	8.64			-	
	NT2RP2006475	14.67	7.33	18.42	13.4	5.52	5.53	5.81	10.03	7.38			-	
45	NT2RP2006476	21.17	14.25	23.98	17.93	10.29	15.83	16.59	21.36	17.75			-	
	NT2RP2006501	80.64	47.79	67.54	47.86	36.74	36.28	29.87	41.76	52.91			-	
	NT2RP2006512	10.73	9.4	12.56	6.68	7.05	5.5	3.87	4.91	5.32	*	**	-	
	NT2RP2006526	12.09	17.75	22.2	19.62	16.43	13.33	17.31	20.34	13.23			-	
	NT2RP2006527	4.41	6.17	7.16	7.48	1.84	1.55	3.51	2.56	2.84	*		-	
	NT2RP2006534	4.37	9.41	7.99	5.05	4.19	2.96	4.68	2.83	2.5			-	
50	NT2RP2006537	5.9	9.98	11.68	11.28	5.12	7.83	10.34	5.58	8.5			-	
	NT2RP2006543	12.11	8.37	13.04	12.23	3.26	11.04	6.8	5.53	9.23			-	
	NT2RP2006554	7.01	5.37	13.82	7.47	2.64	2.23	3.56	4.89	9.98			-	
	NT2RP2006565	14.34	12.69	22.07	6.94	4.33	4.74	3.36	7.61	8.3	*	*	-	
	NT2RP2006571	65.34	49.49	69.38	45.6	41.55	34.63	47.98	65.86	43.88	*		-	
	NT2RP2006573	12.86	9.58	16.76	8.82	7.97	5.87	5.7	4.86	5.46	*		-	
55	NT2RP2006598	5.92	15.24	10.14	5.39	4.48	3.2	2.52	3.49	4.84			-	
	NT2RP2006601	5.92	8.92	7.57	6.45	4.69	2.53	4.15	3.79	3.98	*		-	
	NT2RP3000002	17.28	31.41	14.62	22.94	26.64	18.92	27.08	23.91	17.49			-	

Table 437

	NT2RP3000011	14.9	6	15.29	9.33	4.35	7.79	4.33	10.84	6.28				
	NT2RP3000014	108.09	109.54	95.92	98.76	68.18	81.91	47.71	112.2	132.8				
5	NT2RP3000016	14.35	13.63	24.71	7.65	8.46	5.45	3.86	7.49	4.11	*	*	-	-
	NT2RP3000022	7.65	10.24	13.67	9.49	4.92	2.16	2.89	2.32	2.03	*	*	-	-
	NT2RP3000024	12.64	12.37	14.37	11.32	5.72	6.81	6.24	6.05	6.52	*	**	-	-
	NT2RP3000031	77.24	79.76	145.67	144.42	128.63	86.95	77.23	69.72	83.66				
	NT2RP3000034	6.27	6.62	8.74	6.38	3.4	3.43	4.64	3.79	2.96	*	*	-	-
	NT2RP3000037	17.58	19.44	20.81	11.72	11.55	13.9	18.45	10.67	14.15	**	*	-	-
10	NT2RP3000040	27.59	16.23	24.01	13.53	7.79	10.55	2.51	8.1	6.81	*	*	-	-
	NT2RP3000041	5.08	4.46	12.76	6.9	3.15	3.65	6.44	3	1.87				
	NT2RP3000046	7.63	5.75	15.27	8.29	3.02	2.83	2.71	4.54	5.05				
	NT2RP3000047	5.93	4.81	14.06	5.49	2.34	2.87	0.9	3.18	1.51				
	NT2RP3000049	6.45	8.2	10.35	6.13	1.6	1.78	2.62	3.99	1.9	*	*	-	-
	NT2RP3000050	11.72	13.02	12.95	7.97	7.04	4.74	3.27	4.45	3.93	**	**	-	-
15	NT2RP3000051	20.55	9.33	16.87	14.09	17.37	4.84	3.99	4.5	4.21	*	*	-	-
	NT2RP3000054	6.46	5.61	6.8	6.67	3.52	2.38	1.52	2.23	2.77	**	*	-	-
	NT2RP3000055	18.47	13.61	17.33	12.33	8.89	12.37	7.71	11.31	9.35	*	*	-	-
	NT2RP3000056	1.67	2.38	8.51	3.35	1.42	1.09	0.81	1.36	0.36				
	NT2RP3000059	7.89	7.9	22.29	10.9	7.16	5.13	2.59	4.88	2.31				
	NT2RP3000063	1.84	4.14	7.63	4.56	1.09	0.43	0.47	0.97	0				
20	NT2RP3000068	6.17	8.89	16.21	5.26	4.81	2.29	6.13	4.42	2.89				
	NT2RP3000069	9.15	8.31	8.75	6.58	4.56	4.92	4.17	3.76	6.03	**	**	-	-
	NT2RP3000072	32.05	40.26	39.15	31.11	26.2	25.34	26.47	26.26	26.37	*	*	-	-
	NT2RP3000080	25.2	23.2	22.56	18.48	15.53	13.5	21.79	14.38	13.52	**	*	-	-
	NT2RP3000085	67.96	43.89	70.79	53.46	33.71	65.94	52.26	69.62	62.27				
	NT2RP3000087	111.9	96.79	117.72	81.88	54.53	62.52	49.82	71.54	66.46	*	**	-	-
25	NT2RP3000092	9.87	12.43	24.83	8.97	4.39	4.92	2.95	7.36	3.67				
	NT2RP3000109	10.57	9.88	12.54	8.31	8.64	5.99	6.85	6.37	5.22	*	**	-	-
	NT2RP3000119	8.08	6.85	10.03	6.29	4.73	2.45	4.69	3.89	2.89	*	*	-	-
	NT2RP3000125	6.75	8.13	6.71	5.47	2.88	2.09	0.61	2.51	2.19	*	**	-	-
	NT2RP3000131	13.6	16.29	13.49	12.52	5.73	6.16	5.37	4.48	4.22	**	*	-	-
	NT2RP3000134	18.43	21.97	18.23	9.28	9.9	8.55	6.96	2.89	3.6	**	**	-	-
30	NT2RP3000137	10.23	18.11	17.39	15.98	4.55	11.71	4.48	6.98	5.44	*	*	-	-
	NT2RP3000142	35.53	27.58	35.61	21.77	15.45	19.48	21.05	30.25	26.9	*	*	-	-
	NT2RP3000148	26.32	39.38	34.66	19.53	19	15.35	18.54	17.46	14.71	*	*	-	-
	NT2RP3000149	32.9	38.83	27.1	14.1	20.26	8.54	10.04	7.73	9.34	*	**	-	-
	NT2RP3000163	8.85	9.04	13.21	8.67	3.56	5.95	3.7	3.77	3.35	**	*	-	-
35	NT2RP3000168	15.39	20.39	19.23	9.48	11.8	5.55	7.63	15.26	9.88	*	*	-	-
	NT2RP3000169	15.25	12.33	13.06	7.58	7.27	4.09	8.07	3.27	4.36	**	**	-	-
	NT2RP3000171	6.75	12.8	10.62	11.26	6.03	4.95	8.98	2.23	5.04				
	NT2RP3000172	40.04	25.12	32.12	25.17	9.97	24.6	26.83	33.18	37.52				
	NT2RP3000186	16.1	16.13	19.67	12.39	6.63	8.09	5.65	10.05	10.55	*	*	-	-
	NT2RP3000197	50.94	62.27	70	34.47	33.63	20.62	34.62	48.18	55.04	*	*	-	-
40	NT2RP3000201	14.53	11.88	22.5	7.11	4.59	3.11	5.14	5.79	5.41	*	*	-	-
	NT2RP3000204	4.16	4.96	6.59	4.48	1.18	2.3	2.66	1.7	2.27	*	*	-	-
	NT2RP3000207	95.59	249.91	234.63	30.21	59.19	29.76	35.62	12.46	31.91	*	*	-	-
	NT2RP3000216	7.95	7.31	6.95	6.17	2.69	2.5	2.94	3.29	3.98	*	**	-	-
	NT2RP3000220	22.18	29.86	28.92	10.43	5.88	15.01	13.77	5.33	14.12	**	*	-	-
	NT2RP3000221	10.31	9.17	11.73	12.25	5.03	10.36	5.52	10.77	5.91				
45	NT2RP3000232	46.66	42.43	53.26	15.69	8.2	7.9	5.53	11.37	6.25	**	**	-	-
	NT2RP3000233	8.3	12.35	2.97	7.16	16.65	2.19	9.24	3.42	2.51				
	NT2RP3000234	3.83	3.88	5.86	5.35	3.32	2.04	1.6	2.52	2.2	*	*	-	-
	NT2RP3000235	9.35	15.39	13.27	13.07	5.58	8.43	10.72	9.32	10.97				
	NT2RP3000239	18.63	25.23	22.23	15.58	11.06	7.77	9.06	9.28	12.71	*	**	-	-
	NT2RP3000247	32.06	44.16	41.62	22.89	17.24	20.67	24.3	20.29	19.85	**	*	-	-
50	NT2RP3000251	44.56	41.2	38.69	25.94	14.62	23.41	43.42	39.09	44.51	**	*	-	-
	NT2RP3000252	21.9	16.55	21.84	18.88	16.64	19.17	13.44	23.92	18.04				
	NT2RP3000255	18.67	16.02	17.43	18.73	10.56	14.35	9.36	10.73	8.47	**	*	-	-
	NT2RP3000262	17.74	15.84	18.49	25.1	16.29	24.75	12.36	12.76	13.36	**	*	-	-
	NT2RP3000266	37.8	22.61	54.63	46.91	29.06	37.64	30.75	39.28	44.8				
	NT2RP3000267	5.43	5.61	4.39	6.25	5.05	2.74	3.18	2.68	2.59	**	*	-	-
55	NT2RP3000271	4.92	10.2	10.62	7.08	4.11	3.49	3.88	5.36	2.72				
	NT2RP3000278	6.77	11.93	8.65	9.67	5.55	4.79	8.29	7.56	5.48				
	NT2RP3000281	32.19	29.94	32.48	16.28	8.76	14.6	16.94	10.41	13.64	**	**	-	-

Table 438

	NT2RP3000292	73.41	53.56	62.96	43.77	42.72	40.98	49.91	45.23	84.29	*	-	
	NT2RP3000299	6.1	3.92	13.07	7.5	3.65	4.11	4.21	4.47	3.64			
5	NT2RP3000304	25.73	24.35	31.49	22.39	17.08	15.95	20.38	9.68	10.08	*	*	-
	NT2RP3000310	21.09	16.82	33.26	14.15	13.15	10.27	8.12	6.37	6.54	*		-
	NT2RP3000312	0.99	6.75	7.52	6.17	1.98	0.95	3.63	3.7	0.46			
	NT2RP3000320	11.54	11.91	24.03	15.6	10.14	7.39	6.78	13.07	6.3			
	NT2RP3000322	6.3	10.23	13.74	8.18	5.89	5.4	11.65	9.13	4.6			
	NT2RP3000324	3.35	4.35	17.76	5.33	3.9	3.91	1.03	4.83	1.94			
10	NT2RP3000326	64.19	41.44	38.83	20.52	19.15	16.6	15.62	30.96	63.08	*	-	
	NT2RP3000329	11.55	11.02	22.98	13.53	7.92	12.17	10.06	11.03	12.62			
	NT2RP3000330	7.65	5.98	10.92	7.41	2.84	4.65	3.07	4.04	3.9	*		-
	NT2RP3000333	5.32	5.01	9.94	8.43	4.88	3.17	4.98	3.48	4.27			
	NT2RP3000341	13.68	14.31	17.57	13.78	9.61	9.9	9.7	9.67	11.82	*		-
	NT2RP3000344	45.81	52.79	53.7	28.28	29.87	22.15	36.08	31.27	32.79	**	**	-
15	NT2RP3000345	9.05	22.29	17.79	14.81	9.64	10.42	11.7	5.94	6.21			
	NT2RP3000348	152.75	76.47	143.51	181.96	103.16	145.4	96.65	108.56	99.33			
	NT2RP3000350	14.44	9.79	17.94	12.6	7.91	9.69	10.66	15.9	13.61			
	NT2RP3000359	12.38	12.66	23.75	11.88	10.77	13.58	14.05	17.04	16.51			
	NT2RP3000361	30.21	20.92	25.69	12.5	10.99	10.9	7.28	12.88	9.35	**	**	-
20	NT2RP3000366	69.71	53.95	58.74	44.82	38.68	40.33	27.58	41.09	30.61	*	*	-
	NT2RP3000378	5.8	12.66	6.1	6.74	3.98	3.58	4.72	5.63	5.68			
	NT2RP3000384	26.45	19.42	18.45	13.21	9.98	7.79	8.34	6.32	5.93	*	**	-
	NT2RP3000389	22.1	25.13	28.16	17.61	19.95	18.45	23.81	18.85	25.81	*		-
	NT2RP3000393	33.85	14.06	19.19	10.32	8.44	17.76	6.01	7.4	12.32			
	NT2RP3000395	24.46	28.99	21.1	13.42	10.29	14.47	9.05	14.21	24.87	**	-	
	NT2RP3000397	24.89	21.35	36.91	14.31	14.82	16.14	17.25	23.74	23.2			
25	NT2RP3000398	9.65	10.75	17.31	7.25	6.82	4.6	4.16	4.17	3.99	*		-
	NT2RP3000403	93.32	64.65	56.89	57.84	43.74	45.93	35.74	40.63	30.88	*	*	-
	NT2RP3000418	14.37	22.01	20.2	11.88	12.29	11.51	7.67	14.89	12.11	*		-
	NT2RP3000424	40.86	56.6	51.72	39.57	32.99	30.24	31.05	29.26	23.73	*	*	-
	NT2RP3000427	19.59	24.95	16.59	14.3	10.74	15.64	9.16	9.9	12.52	*		-
30	NT2RP3000431	16.18	14.67	25.82	11.73	10.4	20.33	8.15	16.47	13.08			
	NT2RP3000433	25.31	54.08	36.8	35.67	31.56	27.85	24.04	39.4	34.85			
	NT2RP3000436	9.62	10.09	16.49	6.56	4.89	5.29	2.88	5.01	2.75	*	*	-
	NT2RP3000439	44.72	47.78	44.4	50.96	50.84	30.43	33.38	44	42.05			
	NT2RP3000441	10.82	8.95	14.82	10.83	6.19	5.02	6.65	8.63	7.39			
	NT2RP3000444	17.45	14.75	26.3	14.55	11.35	9.32	12.21	11.85	12.68			
	NT2RP3000448	6.61	7.47	11.97	6.37	5.01	4.15	4.85	3.6	5.55			
35	NT2RP3000449	17.38	26.19	23.45	8.67	7.34	7.86	3.61	4.2	2.92	**	**	-
	NT2RP3000451	31.29	40.71	35.46	10.79	20.02	15.29	13.25	22.78	15.67	**	**	-
	NT2RP3000456	6.24	4.2	13.64	8.03	3.84	0	2.84	3.63	2.55			
	NT2RP3000460	10.33	10.39	17.07	7.27	4.9	3.93	5.19	5.56	4.78	*	*	-
	NT2RP3000471	11.88	7.85	23.63	10.17	6.71	3.54	3.68	5.28	5.09			
40	NT2RP3000477	49.73	54.72	58.77	38.09	33.82	22.58	25.2	26.62	28.76	*	**	-
	NT2RP3000478	6.95	4.02	8.07	5.51	2.95	1.38	1.83	1.8	1.91	*		-
	NT2RP3000481	11.03	7.58	11.93	11.71	8.13	6.39	6.65	9.77	6.96			
	NT2RP3000484	25.46	33.21	34.57	19.56	15.47	13.67	14.97	11.89	12.9	*	**	-
	NT2RP3000487	21.14	29.38	33.76	13.62	12.2	14.9	5.33	12.46	12.14	*	*	-
	NT2RP3000512	12.44	14.88	14.98	11.55	7.87	5.16	5.05	7.04	5.14	*	**	-
45	NT2RP3000523	93.94	104.88	80.32	71.64	44.61	35.48	20.12	30.84	18.65	*	**	-
	NT2RP3000526	7.94	7.79	12.87	7.19	2.92	3.56	4	5.42	4.09	*		-
	NT2RP3000527	42.97	38.74	42.72	25	28.15	22.19	19.81	21.07	11.92	**	**	-
	NT2RP3000531	20.64	13.82	14.48	12.89	10.75	4.81	8.04	4.79	4.56	*		-
	NT2RP3000532	5.33	6.65	5.17	4.82	3.38	2.17	2.24	1.62	4.13	*		-
	NT2RP3000542	21.28	18.32	16.2	8.3	8.11	6.12	3.53	3.83	3.8	**	**	-
50	NT2RP3000554	11.71	17.67	14.03	9.45	3.02	6.99	4.57	4.9	5.09	*	**	-
	NT2RP3000561	21.04	16.88	23.96	14.27	9.57	9.4	4.67	15.18	7.79	*	*	-
	NT2RP3000562	56.42	51.6	61.28	47.36	46.18	42.62	32.74	44.25	48.68	*		-
	NT2RP3000578	19.29	21.22	25	14.8	13.72	9.4	9.07	9.7	10.06	*	**	-
	NT2RP3000582	9.4	7.64	13.09	8.29	5.67	6.43	5.12	6.71	5.65			
	NT2RP3000584	22.71	44.85	35.97	15.47	26.23	10.78	9.11	11.41	6.79	*		-
55	NT2RP3000586	8.23	4.88	7.14	6.37	3.31	2.97	3.91	1.9	2.63	*		-
	NT2RP3000590	7.21	5.97	5.97	5.32	2.92	1.94	4.92	2.84	1.77	*		-
	NT2RP3000592	69.63	37.92	90.02	128.75	103.66	125.15	70.02	69.72	60.26	*	+	-

Table 439

	NT2RP3000596	8.71	11.87	13.23	5.92	4.35	3.28	4.65	3.35	4	*	**	-	-
	NT2RP3000599	39.3	60.28	67.05	35.1	44.12	24.38	35.82	36.31	35.96				
	NT2RP3000603	69.47	91.4	87.14	91.5	86.56	93.49	64.94	61.32	72.5				
5	NT2RP3000605	22.45	27.45	25.73	13.14	8.89	13.46	17.63	11.14	9.76	**	*	-	-
	NT2RP3000607	10.48	11.53	16.41	10.77	7.11	9.56	5.29	9.79	8.32				
	NT2RP3000616	11.96	13.13	17.29	7.98	6.33	4.22	6.69	4.25	4.27	*	**	-	-
	NT2RP3000621	218.49	188.17	246.49	222.59	168.47	221.1	202.08	168.53	186.24				
	NT2RP3000622	11.99	8.26	9.27	9.15	3.89	5.28	6.73	6.59	3.57				
10	NT2RP3000624	27.07	18.6	22.96	16.72	12.03	13.8	17.33	23.33	18.89	*		-	
	NT2RP3000628	27.69	34.41	73.45	22.73	20.51	22.18	15.98	19.75	18.56				
	NT2RP3000631	6.03	12.91	11.07	11.79	9.91	5.14	4.52	6.12	7.95				
	NT2RP3000632	16.5	21.72	26.01	18.26	13.03	16.89	15.73	14.14	13.67				
	NT2RP3000638	31.94	42.93	38.07	22.76	17	20.23	24.56	32.44	30.42	**		-	
	NT2RP3000644	26.66	26.83	24.84	16.68	14.97	15.79	28.13	27.03	30.11	**		-	
15	NT2RP3000645	12.37	13.95	21.96	14.87	10.1	8.68	7	6.44	7.2	*	*	-	-
	NT2RP3000652	20.17	23.26	25.45	12.67	9.39	13.26	9.11	9.19	15.37	**	*	-	-
	NT2RP3000658	6.96	4.69	8.52	6.05	2.7	4.41	2.15	3.59	3.85	*	*	-	-
	NT2RP3000660	21.94	12.21	11.63	11.36	9.42	9.56	9.02	8.73	8.05				
	NT2RP3000661	15.39	18.23	27.58	11.62	4.78	9.25	6.26	7.03	6.07	*	*	-	-
	NT2RP3000665	34.94	43.07	59.18	27.69	16.86	21.15	16.2	20.9	14.32	*	*	-	-
20	NT2RP3000676	11.53	4.79	8.95	6.6	4.34	2.4	4.94	2.78	3.68				
	NT2RP3000677	12.19	14.6	7.18	13.97	4.51	9.55	9.82	11.58	12.06				
	NT2RP3000681	7.72	7.98	7.04	6.12	2.54	4.33	4.62	3.23	3.26	*	**	-	-
	NT2RP3000683	16.43	8.63	13.69	14.68	12.94	13.49	5.83	9.27	7.59				
	NT2RP3000685	8.41	6.46	7.19	10.24	3.04	4.6	5.55	3.8	3.45	*		-	
	NT2RP3000690	11.52	7.55	10.23	15.03	9.13	13.25	14.85	17.96	14.92	*		+	
25	NT2RP3000698	6.94	6.35	7.8	8.41	2.13	5.63	3.39	7.51	5.51				
	NT2RP3000708	9.74	10.33	12.77	11.25	8.14	10.39	9.73	10.17	12.86				
	NT2RP3000719	9.86	16.24	14.31	8.23	2.38	5.7	5.89	3.68	4.39	*	*	-	-
	NT2RP3000721	8.23	3.7	5.33	7.95	1.94	5.33	6.54	5.47	6.13				
	NT2RP3000728	4.68	4.59	4.86	7.19	1.44	3.15	5.16	3.82	3.57				
30	NT2RP3000730	14.89	15.22	17.78	16.76	11.05	11.99	16.08	10.04	9.6				
	NT2RP3000733	62.46	50.63	81.88	55.7	39.3	45.85	39.59	39.01	40.88				
	NT2RP3000735	4.91	3.22	9.89	6.52	1.99	3.91	2.03	3.65	2.09				
	NT2RP3000736	6.36	3.45	10.98	8.89	2.09	4.31	3.75	3.03	2.56				
	NT2RP3000739	40.42	44.03	40.83	24.77	27.39	34.23	25.37	20.3	32.14	*	*	-	-
	NT2RP3000742	4.84	6.47	8.58	7.03	4.15	2.9	3.28	5.74	3.55				
35	NT2RP3000753	8.3	6.8	12.66	10.6	4.35	5.47	5.99	5.75	7.45				
	NT2RP3000759	36.84	70.63	56.01	36.02	19.41	27.88	8.09	6.25	5.44	**		-	
	NT2RP3000789	45.54	27.39	34.07	33.12	27.39	34.54	20.51	27.67	27.21				
	NT2RP3000815	22.33	13.62	22.75	12.02	10.68	14.79	18.74	20.82	19.96				
	NT2RP3000818	30.57	21.11	33.63	24.24	17.69	21.68	13.73	17.32	15.5	*		-	
	NT2RP3000820	35.87	28.12	43.92	32.81	27.98	25.05	21.15	26.93	23.2				
40	NT2RP3000821	3.51	4.2	7.15	6.21	2.3	3.01	3.82	2.8	1.62				
	NT2RP3000825	16.22	23.18	33.6	11.67	17.67	13.25	9.13	8.99	16.22				
	NT2RP3000826	57.22	56.7	80.61	55.4	48.67	48.17	57.78	64.97	54.17				
	NT2RP3000836	3.1	3.53	3.85	7.53	2.33	2.42	3.69	4.81	2.68				
	NT2RP3000838	14.56	14.22	18.93	20.92	12.46	10.78	11.08	17.41	54.13				
	NT2RP3000839	45.25	36.9	44.36	35.78	27.32	20.79	19.28	33.14	25.15	*	*	-	-
45	NT2RP3000841	12.21	10.37	21.1	12.42	10.04	8.18	8.34	11.21	7.12				
	NT2RP3000845	8.59	31.26	15.5	9.69	12.93	10.25	5.37	12.21	8.92				
	NT2RP3000847	12.91	10.6	18.85	11.06	8.9	9.57	6.7	5.47	6.54	*		-	
	NT2RP3000848	11.47	16.2	11.34	8.1	7	4.83	3.86	7.4	3.83	*	*	-	-
	NT2RP3000850	21.09	31.1	29.31	19.76	12.79	16.25	10.7	10.54	5.19	*	**	-	-
	NT2RP3000852	2.73	3.9	3.17	7.51	3.17	2.39	4.15	2.97	3.66				
50	NT2RP3000859	32.3	21.43	36.02	18.9	21.77	13.31	16.61	18.23	32.52	**		-	
	NT2RP3000861	15.56	12.49	16.59	9.02	5.36	4.49	4.53	5.88	27.25				
	NT2RP3000862	12.15	10.89	17.99	10.36	6.14	6.17	5.59	8.92	5.21	*		-	
	NT2RP3000865	8.02	6.17	10.68	7.46	4.29	4.01	2.73	4.35	3.2	*		-	
	NT2RP3000866	43.46	38.1	57.47	39.52	40.18	44.87	37.48	37.57	27.56				
	NT2RP3000868	10.55	23.22	17.15	7.33	6.65	4.58	6.64	9.1	10.81	*		-	
55	NT2RP3000869	5.78	11.8	14.52	9.41	10.86	7.13	6.87	5.06	7.12				
	NT2RP3000871	184.48	180.18	141.72	252.15	170.88	170.92	247.35	193.7	214.46				
	NT2RP3000875	14.37	14.46	23.84	13.76	12.05	11.47	7.45	6.27	6.52	*		-	

Table 440

	NT2RP3000895	2.84	2.51	12.27	4.16	1.17	2.03	1.28	3.4	1.59			
	NT2RP3000900	10.4	8.3	14.31	18.92	3.45	5.38	4.15	13.51	4.93			
5	NT2RP3000901	14.3	18.5	22.78	13.03	13.47	11.77	11.97	9.53	14.53			
	NT2RP3000903	5.01	6.85	6.69	5.82	1.64	3.35	1.28	1.92	1.35	**	-	
	NT2RP3000904	108.6	100.47	123.85	118.07	108.3	100.81	97.74	77.69	108.28			
	NT2RP3000907	84.64	90.19	89.66	84.77	80.01	92.59	125.26	82.21	80.83			
	NT2RP3000913	19.19	19.49	20.62	24.35	9.57	18.44	17.39	14.75	19.21			
	NT2RP3000917	16.28	18.3	30.01	16.96	15.22	12.11	11.68	16.63	14.88			
10	NT2RP3000919	9.33	7.65	14.92	9.52	7.41	6.8	4.46	8.2	5.92			
	NT2RP3000921	112.89	136.59	133.65	119.03	103.41	74.11	25.71	35.79	29.01	**	-	
	NT2RP3000942	67.7	68.21	86.84	75.24	51.25	30.13	38.31	52.76	48.83	*	-	
	NT2RP3000968	50.83	31.86	37.11	29.89	24.92	14.66	9.86	11.81	12.71	**	-	
	NT2RP3000974	8.96	8.74	9.35	9.04	12.66	5.51	4.39	4.92	2.99	**	-	
	NT2RP3000980	52.51	65.55	64.13	24.76	40.04	30.49	19.39	8.08	16.43	**	**	-
15	NT2RP3000984	21.27	24.19	17.57	32.72	12.14	21.58	18.47	14.77	17.87			
	NT2RP3000994	13.76	10.35	18.12	10.02	5.77	7.25	4.5	8.07	7.2	*	-	
	NT2RP3001001	26.43	28.79	25.4	17.26	14.54	13.11	11.19	38.41	33.45	**	-	
	NT2RP3001004	4.86	4.98	10.62	7.73	3.07	4.03	3.13	4.4	2.41			
	NT2RP3001007	7.65	8.96	16.59	12.13	9.28	3.44	5.05	6.53	5.77			
	NT2RP3001012	29.74	22.53	33.06	15.24	16.46	13.42	12.28	11.59	13.53	*	**	-
20	NT2RP3001042	8.82	8.59	12.15	8.9	5.69	3.5	3.15	4.09	3.65	**	-	
	NT2RP3001044	9.07	11.65	10.99	8.25	9.28	5.59	7.83	7.51	5.88	*	-	
	NT2RP3001048	6.16	7.8	4.48	10.05	2.76	3.93	4.91	5.32	6.21			
	NT2RP3001050	13.37	10.61	15.08	10.7	4.83	9.6	6.34	11.26	8.4			
	NT2RP3001055	13.05	10.48	21.89	13.3	7.76	7.17	10.39	12.83	10.26			
25	NT2RP3001057	402.89	324.38	250.29	272.31	285.99	209.38	216.17	328.86	144.63			
	NT2RP3001061	7.38	5.55	10.57	7.56	3.5	2.09	3.67	3.84	2.18	*	-	
	NT2RP3001069	5.39	4.71	9.6	4.84	1.4	2.62	2.39	2.57	3.49			
	NT2RP3001074	12.1	8.82	12.25	8.96	3.61	6.95	9.25	6.39	6.94			
	NT2RP3001078	13.01	11.28	14.67	14.05	9.24	8.9	10.46	7.65	9.46	*	-	
	NT2RP3001081	8.54	6.06	5.96	10.22	3.89	7.03	6.21	3.36	4.4			
30	NT2RP3001084	37.48	37.33	40.93	15.51	10.29	21.45	23.22	30.25	28.17	**	*	-
	NT2RP3001095	7.76	24.69	13.38	9.04	3.7	5.9	3.38	7.52	4.23			
	NT2RP3001096	10.65	10.08	12.63	7.44	5.06	4.18	3.27	5.66	3.18	*	**	-
	NT2RP3001097	16.83	38.99	30.48	15.02	9.07	10.26	12.7	8.94	6.97	*	-	
	NT2RP3001107	28.61	24.48	44.48	22.05	25.16	18.26	10.04	8.83	11.02	*	-	
	NT2RP3001109	17.96	17.48	18.06	10.7	9.3	6.66	7.73	5.5	3.91	**	**	-
35	NT2RP3001111	10.67	15.58	14.57	9.33	6.41	6.38	8.41	3.97	4.53	*	*	-
	NT2RP3001112	31.69	26.22	26.11	22.8	9.31	16.42	16.88	9.36	14.31	**	**	-
	NT2RP3001113	14.44	9.43	17.91	10.99	5.21	10.46	6.16	6.79	9.04			
	NT2RP3001115	254.68	276.58	258.3	135.39	153.31	123.7	118.47	299.67	339.02	**	-	
	NT2RP3001116	5.38	8	8.83	6.23	4.02	2.69	4.29	3.33	3.99	*	-	
	NT2RP3001119	18.64	22.98	19.35	7.26	6.2	5.92	8.84	7.37	9.08	**	**	-
40	NT2RP3001120	6.46	9.54	10.55	5.21	2.06	2.39	3.48	2.35	2.85	*	**	-
	NT2RP3001126	20.13	19.18	15.24	6.77	6.2	4.55	4.46	2.87	5.52	**	**	-
	NT2RP3001127	348.14	574.68	264.45	161.21	220.83	168.52	563.89	269.72	342.5			
	NT2RP3001133	93.42	110.08	112.43	155.23	89.96	123.37	108.06	86.85	85.22			
	NT2RP3001140	96.94	96.61	111.2	55.83	48.1	51.01	55.61	103.28	84.66	**	-	
	NT2RP3001147	4.72	7.64	8.71	6.37	2.09	3.65	2.74	3.66	2.93	*	-	
45	NT2RP3001150	11.47	12.3	12.64	9.98	10.24	3.21	4.96	7.94	6.36	**	-	
	NT2RP3001152	36.54	72.08	61.62	66.57	55.9	58.11	48.19	41.6	53.56			
	NT2RP3001155	19.7	23.76	17.71	11.79	7.15	8.62	14.02	11.36	10.16	**	*	-
	NT2RP3001156	19.46	20.53	21.5	20.77	20.49	12.08	20.09	17.5	18.2			
	NT2RP3001159	18.55	19.29	22.76	15.71	9.43	11.61	19.86	20.4	20.19	*	-	
	NT2RP3001170	16.8	14.86	12.69	11.85	4.5	6.68	9.82	3.85	4.53	*	*	-
50	NT2RP3001176	17.96	17.32	14.24	8.81	7.86	12.88	9.17	14.49	11.22	*	-	
	NT2RP3001195	197.73	229.27	190.42	299.15	260.22	386.11	194.62	191.1	184.16	*	+	
	NT2RP3001209	74.83	67.88	81.64	88.53	60.41	90.53	81.32	84.97	83.11			
	NT2RP3001214	17.39	13.69	27.12	17.15	13.89	13.51	7.67	14.21	13.2			
	NT2RP3001216	18.74	16.38	19.13	19.54	12.84	10.16	26.01	26.17	21.52	*	+	
	NT2RP3001221	6.31	7.39	8.65	9.62	5.18	6.37	8.56	6.05	7.92			
55	NT2RP3001226	22.75	26.78	31.16	8.49	9.07	6.76	11.49	9.21	9.9	**	**	-
	NT2RP3001230	6.51	6.56	3.99	9.46	3.93	5.31	7.3	6.36	5.9			
	NT2RP3001232	6.36	3.81	12.04	7.09	3.34	3.56	1.97	4.41	3			

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	NT2RP3001236	30.11	19.17	30.67	17.48	11.33	17.06	7.98	12.61	12.49	*	-
	NT2RP3001239	12.58	7.93	16.69	7.8	5.43	5.92	7.31	5.36	3.8		
5	NT2RP3001240	16.64	15.42	32.69	20.34	13.57	11.75	7.09	11.44	8.12		
	NT2RP3001245	8.04	12.54	22.57	10.74	8.24	10.53	7.27	7.75	6.31		
	NT2RP3001253	5.41	9.93	13.75	5.39	2.74	1.6	4.68	3.73	2.31		
	NT2RP3001259	278.9	310.98	327.25	256.7	262.84	274.28	334.89	289.89	242.91		
	NT2RP3001260	18.94	14.44	22.33	34.17	17.19	23.22	21.96	25.77	20.83		
	NT2RP3001264	67.04	56.89	77.24	82.42	71.22	82.52	43.6	44.18	61.74		
10	NT2RP3001268	54.13	43.25	63.3	45.53	25.93	35.18	39.08	48.29	54.07		
	NT2RP3001271	7.61	5.79	12.88	6.16	2.76	3.69	3.87	7.7	5.38		
	NT2RP3001272	23.18	22.6	31.48	18.93	15.25	15.77	18.56	19.39	20.08	*	-
	NT2RP3001274	143.91	121	164.35	135.41	115.24	154.69	133.08	136.37	139.51		
	NT2RP3001275	7.03	7.19	20.08	7.2	8.45	4.21	4.17	4.56	3.94		
	NT2RP3001280	14.64	18.72	19.46	9.93	11.17	5.67	7.5	8.91	6.46	*	**
15	NT2RP3001281	0.38	2.63	0.7	4.71	1.73	1.17	1.88	0.77	0.6		
	NT2RP3001288	43.86	21.34	42.34	25.62	18.43	26.29	27.01	32.19	37.1		
	NT2RP3001297	77.1	64.75	81.93	35.55	27.23	38.6	12.09	28.24	29.77	**	**
	NT2RP3001300	9.48	9.06	13.81	7.61	5.56	4.66	4.6	5.82	8.28		
	NT2RP3001301	5.4	3.52	7.37	3.86	1.62	1.26	1.66	3.26	1.26		
	NT2RP3001307	13.22	10.36	15.55	10.66	10.08	6.04	5.09	8.17	7.35	*	-
20	NT2RP3001310	9.88	12.87	16.58	11.85	7.95	6.71	4.27	4.42	3.89	*	-
	NT2RP3001318	7.4	8.54	9.21	7.25	6.79	6.73	5.34	5.32	3.43	*	-
	NT2RP3001322	11.09	11.38	14.04	15.94	12.19	11.47	14.66	6.17	7.73		
	NT2RP3001325	1201.7	1025	1099	286.93	377.86	405.84	75.06	206.06	219.63	**	**
	NT2RP3001338	162.73	132.54	198.96	171.74	181.83	241.04	134.27	161.16	143.19	*	**
25	NT2RP3001339	16.04	11.7	17.8	11.35	7.84	6.88	2.83	5.64	4.58	*	**
	NT2RP3001340	35.84	31.42	47.79	30.03	31.99	45.26	31.64	27.19	27.6		
	NT2RP3001341	37.44	66.22	47.17	33.31	24.96	24.34	25.96	38.56	34.37		
	NT2RP3001354	42.85	32.23	43.99	23.31	23.56	19.16	13.01	13.77	11.4	*	**
	NT2RP3001355	2.26	7.76	10.15	5.3	3.13	3.72	4.66	3.96	2.91		
	NT2RP3001356	43	54.12	51.32	62.98	37.84	46.81	81.45	50.61	59.12		
	NT2RP3001359	34.72	29.05	42.17	41.55	33.32	37.07	21.86	23.34	24.66	*	-
30	NT2RP3001364	19.26	26.46	29.33	17.86	11.52	13.89	13.78	18.18	15.95	*	*
	NT2RP3001373	16.79	12.24	26.6	10.58	10.1	9.34	9.17	17.19	12.49		
	NT2RP3001374	95.59	73.12	108.77	136.19	114.69	107.19	68.33	56.48	69.32		
	NT2RP3001383	12	19.08	15.5	12.1	5.75	6.51	13.27	9.62	6.82		
	NT2RP3001384	22.91	17.21	30.7	33.57	22.7	20.56	19.13	14.74	15.12		
35	NT2RP3001388	9.38	9.17	7.78	9.06	5.69	4.27	7.73	5.71	5.18	*	-
	NT2RP3001392	4.64	4.2	2.65	5.43	2.03	2.78	2.37	2.94	3.1		
	NT2RP3001396	47.27	37.6	60.04	23.62	14.23	34.71	12.93	30.54	38.42		
	NT2RP3001398	13.09	9.85	15.48	8.92	6.22	7.1	4.4	8.04	6.53	*	*
	NT2RP3001399	17.91	14.49	24.37	16.05	7.15	6.8	6.07	7.51	6.62	*	-
	NT2RP3001402	30.22	31.51	33.24	60.13	23.85	9.5	15.21	24.77	23.82	*	-
40	NT2RP3001407	72.56	60.86	88.74	96.01	74.06	85.12	43.61	63.39	61.28		
	NT2RP3001416	18.88	22.22	16.48	16.79	17.16	5.73	3.31	4.98	5	**	-
	NT2RP3001420	5.88	3.11	4.79	4.91	2.62	1.74	1.34	1.67	2.52	*	-
	NT2RP3001425	11.74	10.47	11.8	11.91	6.37	9.11	8.4	4.94	6.04	*	-
	NT2RP3001426	12.17	11.79	16.88	9.1	9.64	6.43	5.51	9.62	7.81	*	-
	NT2RP3001427	10.81	11	21.59	12.3	6.43	8.87	17.63	22.78	19.89		
45	NT2RP3001428	7.7	10.58	20.16	8.58	3.38	6.04	5.05	8.84	8.9		
	NT2RP3001429	4.55	6.04	12.09	5.05	1.79	1.93	2.26	1.46	1.89		
	NT2RP3001432	20.32	18.99	30.96	16.39	14.24	12.25	16.49	28.23	11.89		
	NT2RP3001439	31.43	37.32	28.95	26.93	25.44	19.21	14.96	11	10.21	**	-
	NT2RP3001441	34.77	41.28	46.38	53.64	42.72	50.36	30.69	23.25	24.74	*	-
	NT2RP3001446	4.24	2.49	4.94	4.53	3.01	2.2	2.82	2.01	1.51		
50	NT2RP3001447	22.35	21.24	25.11	13.3	8.65	15.94	13.67	37.08	14.99	*	-
	NT2RP3001449	139.79	126.76	203.02	199.4	166.47	178.45	131.32	106.74	139.38		
	NT2RP3001453	31.6	35.5	49.46	34.98	29.3	36.04	28.49	31.86	35.69		
	NT2RP3001457	13.38	17.23	17.13	11.75	10.12	6.15	5.98	6.75	6.92	*	**
	NT2RP3001459	11.29	13.84	13.09	7	3.75	5.3	5.53	4.44	5.41	**	**
	NT2RP3001463	6.65	4.84	3.81	4.67	1.94	1.07	1.96	2.08	0.69	*	-
55	NT2RP3001466	5.28	4.9	5.4	5.77	2.51	1.55	2.18	1.94	1.06	**	-
	NT2RP3001472	5.37	5.26	7.06	12.24	7.01	3.59	1.12	2.87	2.9	*	-
	NT2RP3001475	230.39	301.8	150.57	92.73	106.13	95.77	29.54	68.35	93.78	*	*

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	NT2RP3001479	6.51	3.77	10.27	6.45	4.18	2.2	2.6	4.56	5.3			
	NT2RP3001490	15.72	6.25	23.45	15.28	5.31	6.47	7.24	7.84	8.04			
5	NT2RP3001492	14	14.91	21.99	13.76	7.53	9.81	14.28	13.21	12.48			
	NT2RP3001495	18.56	21.11	19.03	12.08	9.76	9.93	15.89	18.33	21.35	**	-	
	NT2RP3001497	36.57	27.99	40.37	47.7	28.75	36.07	23.59	21.43	24.3	*	-	
	NT2RP3001501	16.76	28.67	29.3	12.62	8.54	7.31	11.78	2.93	8.97	*	-	
	NT2RP3001527	5.54	5.56	5.02	7.34	2.65	3.31	4.71	3	2.59	*	-	
	NT2RP3001529	21.9	27.01	22.29	20.64	12.59	16.78	7.77	18.39	18.96			
10	NT2RP3001538	80.06	67.26	76.24	89.51	76.4	114.47	59.99	77.08	72.65			
	NT2RP3001539	4.24	4.99	8.09	6.1	3.34	4.14	3.58	5.72	3.56			
	NT2RP3001542	17.53	25.89	26.44	14.74	14.15	8.68	14.26	12.41	17.97	*	-	
	NT2RP3001548	6.14	6.2	5.77	5.79	1.73	1.92	2.67	2.05	1.89	**	-	
	NT2RP3001554	28.4	40.66	43.76	10.47	10.16	7.96	15.92	6.96	13.22	**	**	-
	NT2RP3001560	79.18	91.03	86.96	84.47	48.32	76.97	115.31	93.32	84			
15	NT2RP3001561	3.47	3.93	2.29	6.28	2.06	3.29	2.23	2.16	2.49			
	NT2RP3001564	34.74	32.97	34.99	17.25	16.65	19.41	10.11	30.58	15.23	**	-	
	NT2RP3001568	23.08	14.44	30.67	16.92	14.73	6.11	7.97	12.05	7.85			
	NT2RP3001575	34.43	18.91	39.8	19.69	12.66	21.53	16.47	22.21	25.65			
	NT2RP3001580	17.53	21.3	27.37	11.9	7.8	11.25	7.5	7.41	8.67	*	**	-
	NT2RP3001587	14.32	16.9	20.18	11.06	6.6	9.89	19.28	18.65	20.31	*	-	
20	NT2RP3001589	6.31	5.44	5.39	5.29	2.4	2.48	2.34	4.87	3.41			
	NT2RP3001592	37.3	61.22	57.18	30.41	23.17	28.18	46.3	38.66	32.65	*	-	
	NT2RP3001607	11.49	11.68	9.02	7.34	3.49	8.45	5.15	2.53	3.96	**	-	
	NT2RP3001608	30.61	24.16	28.98	15.14	18	18.45	9.66	10.92	10.91	**	**	-
	NT2RP3001613	55.34	46.31	54.71	81.86	48.17	86.77	51.11	48.11	44.78			
25	NT2RP3001619	162.64	181.38	185.09	152.03	118.43	125.85	144.48	167.59	158.06	*	-	
	NT2RP3001621	29.97	24.25	25.08	33.83	16.83	30.34	32.22	27.86	24.11			
	NT2RP3001629	28	13.33	26.21	16.28	12.69	19.85	19.79	23.48	12.56			
	NT2RP3001630	3.51	2.38	4.56	4.63	1.01	2.11	3.79	2.64	3.67			
	NT2RP3001631	64.16	51.12	67.22	112.91	65.5	60.67	59.38	50.82	71.84			
	NT2RP3001634	3.71	4.65	2.94	7.85	2.25	2.09	4.62	2.51	1.18			
30	NT2RP3001642	29.24	22.78	34.25	25.21	18.32	21.46	34.78	35.92	40.14			
	NT2RP3001646	18.72	13.31	23.84	17.34	7.46	8.49	11.13	12.12	12.05			
	NT2RP3001650	4.88	6.33	12.48	7.77	5.89	4.37	3.47	3.76	3.82			
	NT2RP3001667	17.36	19.67	39.76	21.84	7.89	10.07	11.81	14.81	13.16			
	NT2RP3001671	13.32	10.22	13.86	10.05	5.86	9.27	7.9	6.32	3.97	*	-	
	NT2RP3001672	56.18	72.22	87.94	28.72	18.36	21.55	10.7	4.04	14.95	**	**	-
35	NT2RP3001676	11.94	10.66	12.76	8.88	5.99	6.36	7.09	3.31	6.88	*	-	
	NT2RP3001678	368.4	207.45	268.13	268.3	249.2	237.9	189.86	337.31	274.16			
	NT2RP3001679	19.45	8.41	17.68	13.47	5.77	7.99	3.71	6.54	7.99			
	NT2RP3001682	115.37	82.43	118.94	71.89	66.26	91.02	56.88	114.15	137.5			
	NT2RP3001685	4.91	3.52	11.94	5.16	2.78	2.73	5	2.89	2.91			
	NT2RP3001688	4.75	1.41	4.66	3.33	0.27	0.64	0.99	2.07	0			
40	NT2RP3001690	8.33	10.1	11.83	11.07	4.69	5.02	5.74	5.13	6.32	*	-	
	NT2RP3001693	2.22	6.17	10.5	5.55	2.56	2.65	2.84	2.33	2.39			
	NT2RP3001696	7.34	11.29	11.31	6.93	5.94	11.43	6.97	3.31	6.44			
	NT2RP3001698	780.45	572.31	725.4	616.13	658.96	0.94	533.83	1241.6	1289.4			
	NT2RP3001708	348.43	297.84	257.74	514.57	355.27	1.82	148.2	628.13	519.33			
	NT2RP3001712	32.9	21.37	35.65	18.32	14.72	16.28	22.44	33.16	22.67	*	-	
45	NT2RP3001716	13.86	9.55	15.36	8.27	11.28	8.27	5.55	15.45	9.22			
	NT2RP3001724	28.26	21.7	18.91	32.47	31.93	25.73	16.65	23.86	18.15			
	NT2RP3001727	27.92	15.82	33.03	18.01	12.47	12.24	8.97	9.14	8.89	*	-	
	NT2RP3001729	2.64	5.64	5.12	5.09	2.61	2.56	2.6	2.88	1.65			
	NT2RP3001730	421.81	524.98	490.91	328.42	274.16	316.08	179.32	117.74	101.94	**	**	-
	NT2RP3001733	1.54	1.62	4.9	4.53	0	1.49	0.54	0.39	1.87			
50	NT2RP3001737	7.85	25.52	17.42	10.76	4.14	4.59	3.35	7.04	17.36			
	NT2RP3001738	28.07	24.45	41.36	18.76	13.82	15.18	12.56	15.63	32.84	*	-	
	NT2RP3001739	2.19	2.42	9.16	4.78	1.8	1.62	1.06	2.07	0.9			
	NT2RP3001742	11.1	11.43	14.41	9.77	5.51	6.65	7.73	6.52	8.12	*	*	-
	NT2RP3001751	1.19	3.87	3.32	5.53	0.3	1.67	1.29	0.92	0.82			
	NT2RP3001752	2.48	4.8	2.87	3.47	0.21	1.52	1.75	2.38	0.9			
55	NT2RP3001753	3.96	5.83	5.77	7.82	4.31	2.86	4.73	5.28	2.61			
	NT2RP3001754	3.14	1.28	9.55	3.89	0.47	2.48	0.99	1.82	0.86			
	NT2RP3001756	4.67	4.56	13.42	7.12	2.77	3.58	2.62	4.94	3.56			

Table 443

	NT2RP3001764	3.84	4.67	12.85	4.07	1.87	1.79	1.19	3.02	2.08			
	NT2RP3001771	10.53	6.71	15.52	12	8.69	4.55	2.42	4.06	4.07	*	-	
5	NT2RP3001777	40.65	47.79	33.95	47.7	28.57	21.63	29.91	18.82	40.09	*	*	-
	NT2RP3001782	18.47	18.59	14.66	13.14	8.87	10.49	5.89	13.23	9.56	*	*	-
	NT2RP3001792	51.98	43.73	63.18	42.18	33.54	33.35	80.48	61.45	65.58	*	*	-
	NT2RP3001799	7.5	9.23	9.91	6.52	4.07	3.35	7.42	5.61	3.54	*	*	-
	NT2RP3001819	9.21	8.05	11.94	7.62	3.17	5.23	2.57	7.27	6.12			
	NT2RP3001829	0.79	0.98	6.7	3.6	0.17	1.25	3.26	1.13	0.11			
10	NT2RP3001836	16.84	18.26	30.32	14.13	7.32	15.63	6.9	7.75	7.46	*	*	-
	NT2RP3001839	6.81	9.19	13.79	8.6	4.4	4.34	2.3	5.79	3.54			
	NT2RP3001844	5.94	4.03	11.89	5.39	1.37	2.09	2.04	1.24	1.53			
	NT2RP3001848	53.13	36.02	38.27	40.15	39.26	28.02	46.65	51.58	51.5			
	NT2RP3001854	53.05	46.79	83.54	47.02	38.11	28.76	72.37	61.23	74.82			
	NT2RP3001855	8.77	9.33	11.43	9.53	8.22	8.62	9.1	7.34	5.15			
15	NT2RP3001857	2.78	1.95	7.57	5.8	0.8	2.63	1.53	2.14	0.96			
	NT2RP3001858	1.48	1.77	7.55	6.01	1.18	1.83	0	1.41	1.37			
	NT2RP3001861	4.86	3.76	12.83	6.03	2.09	1.54	1.75	2.42	0.53			
	NT2RP3001866	4.29	4.19	8.56	7.38	2.36	3.86	2.27	2.97	2.71			
	NT2RP3001871	4.11	2.37	11.14	4.75	0.71	0.4	0.62	1.36	0.06			
	NT2RP3001874	10.44	5.38	11.3	5.07	2.46	1.93	2.08	3.65	5.3	*	*	-
20	NT2RP3001878	6.84	8.82	7.25	6.09	2.26	2.81	4.01	2.14	3.46	*	**	-
	NT2RP3001885	6.75	5.91	9.28	7.33	5.82	5.26	4.29	3.86	3.96	*	*	-
	NT2RP3001896	15.8	9.61	18.78	10.19	5.77	12.23	2.88	7.21	8.15			
	NT2RP3001898	10.12	6.81	17.59	9.29	3.83	4.48	2.35	4.36	3.15			
	NT2RP3001899	4.46	3.48	9.66	5.74	4	4.77	3.33	4.46	3.02			
	NT2RP3001901	2.97	2.49	8.51	4.89	2.11	2.05	1.6	0.22	0.74			
25	NT2RP3001915	21.98	18.4	24.23	18.83	15.46	12.75	6.48	6.95	5.98	**	*	-
	NT2RP3001926	42.5	70.22	59.74	46.58	37.18	35.96	45.08	32.42	25.88	*	**	-
	NT2RP3001929	7.68	7.59	9	5.33	1.89	5.28	3.26	1.47	1.63	*	**	-
	NT2RP3001931	7.03	5.58	8.39	8.57	1.83	4.32	4.68	3.69	4.06	*	*	-
	NT2RP3001938	0.69	0.54	7.42	4.87	0	1.52	0	1.16	0.26			
30	NT2RP3001943	188.81	183.6	152.87	80.5	86.76	128.25	85.31	121.73	115.26	*	*	-
	NT2RP3001944	17.12	20.99	26.58	14.69	15.73	4.63	10.12	15.18	9.75	*	*	-
	NT2RP3001945	39.73	40.32	37.82	24.74	26.96	28.23	17.61	14.81	14.26	**	**	-
	NT2RP3001947	47.48	38.36	48.19	30.65	15.52	22.26	24.69	18.23	25.96	*	**	-
	NT2RP3001949	37.29	38.85	47.2	29.25	26.76	28.05	30.76	28.58	28.74	*	*	-
	NT2RP3001952	10.17	10.07	6.99	3.68	1.57	0.37	2.44	1.18	1.17	**	**	-
	NT2RP3001954	9.56	18.54	17.64	8.37	4.32	7.01	11.86	5.36	4.75	*	*	-
35	NT2RP3001956	3.88	4.98	8.37	7.17	1.4	2.11	0.35	2.86	1.91			
	NT2RP3001967	7.48	3.68	9.02	8.89	3.53	3.86	3.05	4.36	2.97			
	NT2RP3001969	2.15	1.05	4.78	4.72	1.42	2.2	1.63	2.56	0.82			
	NT2RP3001976	1.89	2.22	5.25	5.93	1.38	2.82	1.33	1.09	1.87			
	NT2RP3001986	3.89	3.3	6.39	4.22	1.46	2.65	3.43	6.44	2.42			
40	NT2RP3001989	6.56	8.64	5.36	8.05	1.81	1.73	3.37	1.97	1.12	*	*	-
	NT2RP3002002	7.78	11.38	8.57	5.38	2.01	2.22	6.25	3.04	6.16	*	*	-
	NT2RP3002004	7.76	12.41	12.06	6.85	3.16	4.05	3.73	2.48	3.6	*	**	-
	NT2RP3002007	14.2	10.34	19.96	11.2	4.82	6.87	4.6	9.34	6.75			
	NT2RP3002014	2.11	1.84	5.64	7.64	3.81	2.33	1.74	3.76	3.1			
	NT2RP3002015	10.24	10.71	16.79	11.66	11.36	10.59	8.67	8.67	11.36			
45	NT2RP3002033	8	5.97	11.92	6.98	3.29	5.92	6.91	8.34	9.48			
	NT2RP3002045	7.45	16.7	16.88	5.97	3.53	4.5	4.78	3.11	3.05	*	*	-
	NT2RP3002054	292.36	495.82	456.61	206.09	224.87	171.66	441.79	291.3	543.12	*	*	-
	NT2RP3002056	3.09	3.6	0.88	3.45	0.32	0.79	0.92	1.02	0.67			
	NT2RP3002057	10.28	15.21	13.61	7.78	1.9	3.69	9.33	6.11	3.21	*	*	-
	NT2RP3002061	3.7	2.82	3.37	5.14	1.22	2.6	0	1.37	0.53	*	**	-
50	NT2RP3002062	14.95	11.22	12.96	12.28	11.33	13.44	7.88	11.32	11.12			
	NT2RP3002063	3.07	0.91	3.18	5.76	3.45	2.53	1.35	2.57	1.94			
	NT2RP3002064	4.75	4.07	6.06	8.44	3.11	3.26	2.69	6.61	3.66			
	NT2RP3002071	2.99	2.02	2.84	4.58	1.41	2.26	2.08	2.02	0.69			
	NT2RP3002073	4.16	1.73	3.01	5.39	0.35	0	3.4	1.98	3.29			
	NT2RP3002074	3.97	4.7	9.59	5.64	1.52	1.74	2.26	2.79	1.06			
55	NT2RP3002075	115.61	136.72	152.03	61.15	60.41	66.84	138.08	127.44	140.01	**	*	-
	NT2RP3002077	1.88	1.37	7.12	4.73	0	2.98	1.52	0.95	1.4			
	NT2RP3002081	9.52	4.64	17.43	9.04	2.14	3.36	6.77	6.6	8.59			

Table 444

	NT2RP3002086	9.1	5.64	14.68	7.72	4.13	4.75	9.35	9.69	7.69				
	NT2RP3002094	3.34	2.83	6.44	4.61	2.06	2.3	2.41	5.92	1.29				
5	NT2RP3002096	12.33	8.92	11.73	8.59	3.97	5.5	5.94	5.18	4.01	*	**	-	-
	NT2RP3002097	23.91	20.85	34.1	19.75	11.2	19.57	12.95	19.73	14.4				
	NT2RP3002098	5.03	5.84	6.49	7.72	2.61	2.62	5.48	4.78	3.63				
	NT2RP3002102	13.2	5.06	15.39	11.41	5.66	7.42	3.96	4.11	3.36				
	NT2RP3002106	10.36	7.3	14.64	10.63	8.57	6.26	3.35	4.87	10.6				
10	NT2RP3002108	4.96	2.64	12.49	5.65	1.44	2.35	2.54	2.99	5.43				
	NT2RP3002109	40.98	15.02	38.55	15.39	16.89	11.31	8.11	16.82	8.14				
	NT2RP3002110	5.34	2.87	6.32	5.23	2.17	1.37	2.33	2.43	0.38				
	NT2RP3002113	9.48	7.75	15.49	10.55	5.09	3.01	6.14	4.67	6.08				
	NT2RP3002120	7.73	8.74	11.8	6.57	3.91	2.89	5.04	3.74	4.99	*	*	-	-
	NT2RP3002121	1.11	4.94	1.77	5.17	1.32	0.68	2.8	1.37	1.2				
15	NT2RP3002126	64.09	54.26	55.37	40.43	28.8	44.09	33.92	65.97	39.23	*		-	-
	NT2RP3002128	8.94	4.6	9.8	7.18	4.51	3.23	4.1	5.32	11.38				
	NT2RP3002130	45.15	21.81	38.29	25.97	19.96	17.62	5.74	23.29	23.75				
	NT2RP3002133	713.78	729.07	666.05	842.53	766.78	697.72	544.62	1065.2	813.76				
	NT2RP3002136	99.29	50.26	79.88	69.55	58.35	39.45	17.4	37.71	52.59				
	NT2RP3002140	3.69	7.52	7.84	5.4	2.45	3.08	2.99	3.81	3.42				
20	NT2RP3002142	9.07	12.94	11.89	8.33	6.6	5.19	5.4	5.06	2.64	*	**	-	-
	NT2RP3002146	9.3	10.61	11.18	9.37	7.32	7.23	12.19	11.03	8.72				
	NT2RP3002147	11.07	11.26	19.71	10.63	7.44	5.02	4.38	6.88	4.67	*		-	-
	NT2RP3002151	15	10.97	25.17	14.01	7.18	7.82	7.02	15.09	18.04				
	NT2RP3002155	53.25	66.04	47.55	73.17	43.36	52.61	36.35	94.67	86.47				
	NT2RP3002156	3.79	2.7	6.74	4.59	0.75	1.4	1.04	0.59	1.13	*	*	-	-
25	NT2RP3002160	9.08	10.25	12.47	12.87	7.96	7.04	2.86	3.65	6.87	*	*	-	-
	NT2RP3002163	13.64	21.03	16.3	10.69	7.06	4.19	9.73	11.32	12.78	*	*	-	-
	NT2RP3002165	6.75	7.58	8.41	6.08	1.96	1.96	2.6	3.84	1.9	*	**	-	-
	NT2RP3002166	5.43	5.03	4.69	5.27	1.55	0.67	2.88	6.31	2.47				
	NT2RP3002173	517.9	446.69	509.69	297.97	240.6	253.29	44.66	135.22	128.7	**	**	-	-
	NT2RP3002174	130.22	107.95	156.75	150.48	138.99	121.68	76.48	86.96	88.77	*	*	-	-
30	NT2RP3002181	5.97	4.69	12.81	5.8	2.39	3.23	1.84	5.23	1.34				
	NT2RP3002185	44.31	38.54	51.77	25.79	16.42	22.4	38.06	52.39	48.7	**		-	-
	NT2RP3002193	7.33	7.63	13.87	8.26	3.71	3.99	4.19	5.78	8.23				
	NT2RP3002204	41.05	45.66	52.03	45.02	28.36	25.63	28.31	47.28	47.76				
	NT2RP3002244	12.8	20.63	18.31	13.33	15.24	10.05	9.17	7.08	5.13	*		-	-
	NT2RP3002248	7.98	7.8	12.04	10.57	4.97	3.5	9.37	6.63	3.98				
35	NT2RP3002253	17.21	11.16	18.79	9.56	7.33	7.05	3.72	10.84	9.39	*		-	-
	NT2RP3002255	3.26	2.63	8.57	4.41	1.55	2.02	1.36	3.59	1.93				
	NT2RP3002264	81.68	74.91	64.3	98.72	70.97	43.12	54.37	98.78	53.26				
	NT2RP3002267	2.25	3.31	8.07	3.82	0.82	1.41	0.79	1.35	0.88				
	NT2RP3002273	20.4	16.49	19.5	15.02	8.97	5.71	10.11	9.27	13.28	*	**	-	-
	NT2RP3002276	3.97	2.93	8.36	4.35	0.7	1.55	1.24	0.89	0.84				
40	NT2RP3002281	13.35	12.31	15.77	11.45	7.06	7.28	10.16	10.76	11.32	*	*	-	-
	NT2RP3002286	16.62	19.5	20.21	12.28	6.1	7.69	4.25	3.16	1.57	**	**	-	-
	NT2RP3002297	94.9	98.81	132.4	64.72	33.84	39.98	11.41	37.45	29.88	*	**	-	-
	NT2RP3002301	11.34	12.34	18.57	7.11	3.98	4.21	2.56	4.64	4.68	*	*	-	-
	NT2RP3002303	7.54	10.15	16.1	7.32	5.62	4.17	5.05	6.82	7.85				
	NT2RP3002304	91.67	49.25	50.79	81	77.65	34.95	31.29	39.07	25.04				
45	NT2RP3002308	4.32	3.35	10.38	4.01	1.44	1.07	2.59	1.36	0.22				
	NT2RP3002311	9.65	9.45	12.73	9.08	6.57	4.41	3.9	4.09	5.31	**		-	-
	NT2RP3002315	16.31	24.1	16.79	7.96	7.42	8.29	9.67	8.19	10.65	*	*	-	-
	NT2RP3002319	8.49	14.45	9.47	9.99	3.2	4.43	5.43	3.04	5.3	*	*	-	-
	NT2RP3002324	18.48	20.79	21.07	16.08	9.05	11.92	2.65	9.16	8.78	*	**	-	-
	NT2RP3002330	14.44	26.39	29.36	13.92	12.3	11.42	5.88	11.72	10.72	*	*	-	-
50	NT2RP3002333	41.51	67.04	49.57	36.81	41.81	35.64	33.68	44.76	37.87				
	NT2RP3002337	4.44	8.96	11.93	5.8	1.82	3.91	2.32	2.11	2.55	*		-	-
	NT2RP3002342	25.81	22.15	24.13	19.61	11.87	9.75	11.85	13.94	20.4	*	*	-	-
	NT2RP3002343	3.99	7.39	7.92	5.18	2.92	2.42	2.4	1.77	3.64	*	*	-	-
	NT2RP3002351	20.96	17.51	19.58	6.79	4.97	3.6	9.93	4.83	3.54	**	**	-	-
	NT2RP3002352	29.92	68.54	51.75	25.45	36.1	22.42	47.8	10.88	7.27				
55	NT2RP3002353	26.94	28.46	26.72	23.44	18.05	15.48	14.2	29.02	22.52	*		-	-
	NT2RP3002362	18.42	12.38	24.27	11.02	6.28	7.66	12.63	15.38	16.92				
	NT2RP3002363	11.71	14.02	21.35	9.9	11.24	7.29	10.05	11.93	6.97				

Table 445

	NT2RP3002377	20.63	15.78	16.81	13.04	9.6	12.99	16.42	23.7	18.15	*	-
	NT2RP3002397	5.32	9.77	13.16	6.81	2.98	3.19	4.39	2.85	3.63		
5	NT2RP3002404	6.54	8.21	7.65	4.33	1.3	1.29	2.68	0.69	1.15	* **	- -
	NT2RP3002410	7.62	4.7	8.02	3.73	3.33	1.2	3.81	3.45	2.67	* *	- -
	NT2RP3002414	5.43	4.93	6.03	6.64	1.85	2.91	4.09	1.68	3.33	*	- -
	NT2RP3002430	5.86	5.44	9.44	4.78	1.52	1.85	3.2	1.23	1.16	*	- -
	NT2RP3002448	12.97	9.25	9.52	5.21	1.95	1.81	2.67	2	4.7	** **	- -
	NT2RP3002454	12.06	19.92	16.37	13.74	7.64	12.02	13.75	9.17	8.67		
10	NT2RP3002456	4.76	3.53	5.11	6.77	1.61	4.71	3.7	5.48	5.26		
	NT2RP3002456	58.03	38.92	43.81	27.96	14.69	15.06	14.57	36.86	33.26	*	- -
	NT2RP3002462	20.18	13.39	21.5	10.24	9.33	4.6	3.9	5.28	3.19	* **	- -
	NT2RP3002469	3.83	1.84	6.7	6.03	3.37	1.62	2.45	1.7	0.82		
	NT2RP3002470	35.44	35.5	72.47	34.81	21.72	19.39	33.8	20.85	19.08		
	NT2RP3002484	3.62	2.13	4.4	4.15	1.03	1.2	2.28	1.6	1.75		
15	NT2RP3002491	13.97	21.34	15.21	12.05	5.93	4.04	5.95	7.05	7.23	* *	- -
	NT2RP3002494	24.09	40.78	35.02	15.6	8.77	12.21	26.54	16.61	15.03	*	- -
	NT2RP3002497	1.45	2.72	2.12	3.96	0.95	2.47	1.03	1.64	2.67		
	NT2RP3002500	16.58	14.89	20.26	24.82	15.49	27.1	14.57	11.42	19.8		
	NT2RP3002501	32.52	29.62	45.43	41.64	21.97	31.25	12.71	18.89	18.63	*	- -
	NT2RP3002512	5.61	3.7	5.13	8.12	4.35	5.53	3.81	5.5	5.08		
20	NT2RP3002529	570.71	676.56	723.55	824.94	401.81	698.08	438.95	899.52	707.21		
	NT2RP3002533	33.09	38.94	36.28	44.79	15.69	31.1	9.54	21.79	17.75	**	- -
	NT2RP3002539	6.02	8.36	9.74	6.07	3.74	0.01	2.47	0	0.12	**	- -
	NT2RP3002540	4.32	7.97	5.52	9.08	2.78	5.47	9.44	4.32	6.18		
	NT2RP3002543	12.62	4.6	12.88	12.84	5.24	6.49	9.1	11.85	10.42		
	NT2RP3002545	2.99	1.16	9.33	6.12	1.46	2.25	2.07	3.55	0.82		
25	NT2RP3002549	6.99	4.28	13.6	7.32	1.84	2.44	4.48	4.56	2.91		
	NT2RP3002552	4.39	5.59	10.04	7.03	1.31	2.23	3.66	3.6	2.29		
	NT2RP3002558	34.53	21.49	27.53	25.41	11.35	21.08	37	39.71	40.69	*	+
	NT2RP3002565	13.64	7.8	14.18	11.1	3.88	9.31	11.41	13.37	16.44		
	NT2RP3002566	7.8	8.76	13.33	16.41	6.98	8.51	6.63	7.76	8.89		
	NT2RP3002571	8.13	11.03	10.93	9.57	4.89	4.39	4.63	2.67	3.9	**	- -
30	NT2RP3002572	74.15	45.74	56.76	41.43	36.41	30.38	19.06	45.1	46.35		
	NT2RP3002573	32.62	15.75	29.51	19.71	16.82	14.99	13.13	13.23	21.22		
	NT2RP3002577	47.28	29.36	41.83	19.87	14.5	21	17.59	15.85	17.3	* *	- -
	NT2RP3002579	8.63	6.06	12.6	7.23	3.12	4.38	5.33	4.66	5.1		
	NT2RP3002582	6.19	3.82	10.45	7.84	3.56	3.38	4.87	4.78	3.74		
	NT2RP3002587	10.07	10.45	15.76	10.84	6.77	7.46	4.8	4.74	3.88	*	- -
35	NT2RP3002590	544.94	699.14	857.26	489.72	627.82	453.24	363.97	273.66	582.87		
	NT2RP3002602	7.18	7.63	10.58	10.16	7.38	6.68	4.87	4.34	6.16	*	- -
	NT2RP3002603	14.44	13.52	18.75	16.38	10.66	15.03	8.16	15.4	88.12		
	NT2RP3002621	6.81	5.15	9.83	8.56	3.04	3.97	3.12	5.17	6.09		
	NT2RP3002622	6.75	5.01	13.82	8.8	3.27	3.73	2.74	4.44	11.45		
40	NT2RP3002624	26.96	16.99	21.5	17.24	10.36	13.21	17.97	25.27	18.08		
	NT2RP3002628	6.59	5.38	9.7	6.43	2.65	4.46	4.24	5.21	2.97		
	NT2RP3002629	5.76	11.73	14.59	10	6.43	5.93	6.71	4.48	3.96		
	NT2RP3002631	48.35	45.23	46.18	26.1	22.1	27.75	26.27	23.38	21.25	** **	- -
	NT2RP3002647	12	15.89	13.32	16.2	15.29	15.81	10.24	7.5	7.23	*	- -
	NT2RP3002649	9.3	7.92	12.59	9.96	4.23	5.01	3.45	5.1	5.57	*	- -
45	NT2RP3002650	26.86	18.53	27.47	18.25	9.68	13.45	17.35	20.46	18.82		
	NT2RP3002652	5.52	5.57	14.03	5.61	3.76	3.01	2.75	4.84	3.27		
	NT2RP3002654	20.14	13.49	14.7	11.91	10.11	6.69	5.42	7.8	5.1	*	- -
	NT2RP3002657	16.5	15.29	20.85	14.05	6.31	13.07	15.2	14.6	14.98		
	NT2RP3002659	15.92	19.34	18.66	13.66	10.7	8.74	4.85	10.09	6.73	* **	- -
	NT2RP3002660	5.66	10.19	9.81	8.43	3.68	4.95	6.72	4.39	3.92		
50	NT2RP3002663	10.53	17.57	11.68	14.14	15.43	9.63	19.1	11.04	8.75		
	NT2RP3002664	28.81	23.63	39.16	18.72	11.43	13.27	7.92	17.21	15.51	* *	- -
	NT2RP3002667	32.83	27.15	33.62	23.94	18.84	19.81	15.18	21.3	26.19	*	- -
	NT2RP3002671	38.88	30.21	40.39	24.11	16.4	14.74	30.8	35.93	33.74	*	- -
	NT2RP3002682	8.45	6.51	13.68	7.64	3.93	4.02	2.41	3.04	2.62	*	- -
	NT2RP3002684	20.03	14.16	18.81	8.9	9.81	5.51	4.13	6.96	4.79	* **	- -
55	NT2RP3002687	9.25	11.21	13.71	14.12	8.33	10.78	7.86	7.74	7.01	*	- -
	NT2RP3002688	168.35	106.47	188.15	190.36	164.88	199.08	153.97	87.55	117.43		
	NT2RP3002698	8.07	8.3	9.14	8.34	5.8	6.56	5.59	5.87	4.73	**	- -

Table 446

	NT2RP3002701	11.4	8.8	15.19	9.64	4.21	7.04	4.79	10.11	7.18			
	NT2RP3002705	30.23	29.89	43.68	30.05	23.71	23.42	20.15	25.03	27.52			
5	NT2RP3002708	25.52	23.92	35.27	19.02	13.81	19.8	19.34	22.92	17.32			
	NT2RP3002711	87.34	128.24	131.85	149.35	126.88	84.65	16.56	37.78	36.54	**	-	
	NT2RP3002712	11.51	9.81	14.14	7.18	5.15	2.41	5.29	7.06	4.76	*	*	-
	NT2RP3002713	17.13	13.75	17.42	8.41	9.55	4.36	13.41	9.28	8.38	*	*	-
	NT2RP3002721	70.06	117.72	122.3	101.88	70.22	94.12	113.7	122.46	107.46			
	NT2RP3002722	20.45	20.54	15.56	16.97	11.11	10.65	14.55	10.8	10.74	*	*	-
10	NT2RP3002723	12.21	14.76	21.14	7.75	4.55	7.76	4.96	7.72	6.61	*	*	-
	NT2RP3002737	4.67	4.9	12.9	7.24	2.22	4.66	2.62	1.49	3.15			
	NT2RP3002738	122.73	88.31	164.33	156.37	134.11	152.93	81.07	85.63	82.42			
	NT2RP3002742	4.62	5.31	8.06	6.59	2.59	2.11	2.29	3.26	2.78	*		-
	NT2RP3002744	11.76	7.9	17.24	10.03	4.45	6.38	6.88	8.18	6.87			
	NT2RP3002756	8.91	6.64	6.82	7.81	5.13	2.63	2.84	1.31	1.38	**	-	
15	NT2RP3002757	18.22	14.86	15.65	13.62	6.41	8.83	10.99	9.29	10.38	*	**	-
	NT2RP3002758	16.5	15.69	16.85	13.98	8.17	9.33	15.83	11.78	10.47	*		-
	NT2RP3002762	6.55	8.17	14.93	9.33	2.38	7.36	4.56	5.11	6			
	NT2RP3002763	6.01	4.94	14.86	7.96	3.26	4.46	4.15	2.77	3.35			
	NT2RP3002770	13.79	15.86	20.19	13.26	7.67	4.65	6.38	6.79	5.16	**	-	
	NT2RP3002771	6.48	3.94	12.36	8.16	4.01	1.77	3.51	4.07	2.45			
20	NT2RP3002785	7.93	7.61	12.09	7.52	4.23	4.31	4.14	3.99	4.41	*		-
	NT2RP3002790	12.74	8.68	16.54	10.03	4.49	9.67	11.67	8.3	11.43			
	NT2RP3002799	44.32	36.15	61.61	71.32	40.17	61.97	38.77	29.46	32.11			
	NT2RP3002801	9.13	7.96	8.02	8.82	3.17	7.55	6.99	2.43	2.63	*		-
	NT2RP3002802	6.6	5.16	13.06	9.48	2.83	4.69	3.71	3.1	3.55			
25	NT2RP3002810	21.61	13.43	30.89	15.94	9.02	13.72	15.57	16.49	23.18			
	NT2RP3002818	12.26	21.33	22.29	12.03	10.84	9.9	12.06	10.85	7.02			
	NT2RP3002821	3.08	2.76	7.5	5.13	0.98	2.74	3.88	1.7	1.96			
	NT2RP3002823	5.94	5.9	9.87	7.27	1.84	2.08	2.79	3.12	3.09	*		-
	NT2RP3002825	46.16	68.1	69.32	16.84	16.8	11.22	9.52	7.53	4.62	**	**	-
	NT2RP3002829	36.39	46.01	39.22	22.92	16.02	11.21	24.02	7.98	9.64	**	*	-
30	NT2RP3002831	9.11	9.95	10.41	14.39	9.89	8.12	9.96	4.98	9.9			
	NT2RP3002836	16.68	11.51	17.27	10.91	4.09	9.65	4.06	4.72	7.36	**	-	
	NT2RP3002845	38.76	32.47	30.9	12.04	7.1	5.17	5.18	12.27	9.29	**	**	-
	NT2RP3002852	27.07	21.18	24.92	24.24	10.22	18.18	20.47	22.49	18.97			
	NT2RP3002861	6.45	10.44	9.71	7.81	2.41	4.65	6.77	4.65	5.14			
	NT2RP3002869	6.19	9.1	10.7	6.8	3.23	3.7	4.89	3.27	3.99	*		-
35	NT2RP3002874	12.63	13.11	17.2	9.07	5.37	6.1	8.08	3.93	8.06	*	*	-
	NT2RP3002876	143.63	148.27	181.51	254.83	163.87	216.77	137.83	99.6	141.63			
	NT2RP3002877	16.65	19.83	22.97	18.33	13.19	15.19	13.02	8.47	12.29	*		-
	NT2RP3002887	11.91	8.65	14.58	12.86	6.78	9.6	8.16	11.65	6.83			
	NT2RP3002900	24.9	40	47.49	50.72	36.64	57.77	42.16	46.86	41.82			
40	NT2RP3002902	50.68	50.65	63.54	17.78	28.94	15.05	19.17	20.83	23.73	**	**	-
	NT2RP3002909	5.43	3.6	6.73	8.91	1.07	4.91	4.39	3.43	4.07			
	NT2RP3002911	32.27	38.37	39.37	37.75	22.31	32.66	41.96	41.35	47.38			
	NT2RP3002948	97.24	122.54	134.73	183.88	103.17	110.98	109.55	85.09	95.2			
	NT2RP3002953	130.69	155.36	174.07	145.08	99.42	98.1	201.22	181.14	165.58			
	NT2RP3002955	11	13.27	12.07	9.74	5.71	6.63	7.47	5.75	5.17	*	**	-
	NT2RP3002958	11.7	7.18	10.81	11.8	6.8	11.76	8.8	13.15	14.41			
45	NT2RP3002969	10.47	5.67	11.5	11.46	3.57	3.82	2.62	3.28	4.09	*		-
	NT2RP3002972	8.18	3.34	9.31	7.48	3.85	0.87	5.21	5.53	7.19			
	NT2RP3002978	17.8	13.14	17.07	16.61	7.47	16.55	15.56	17.59	21.66			
	NT2RP3002983	14.39	16.02	14.98	15.99	6.52	11.68	18.52	16.38	19.45	*	+	
	NT2RP3002985	4.55	5.27	7.26	6.46	1.04	3.38	4.84	3.07	3.43			
	NT2RP3002988	8.52	6.19	9.46	9	4.1	8.27	7.55	8.24	9.04			
50	NT2RP3003000	3.67	3.71	3.5	6.2	1.26	2.48	2.37	2.4	2.73	**	-	
	NT2RP3003003	10.96	2.67	10.84	10.43	9.08	7.16	5.31	8.35	5.42			
	NT2RP3003012	2.33	3.47	10.69	4.62	0.4	1.73	0.84	1.69	1.54			
	NT2RP3003015	94.04	42.5	71.87	52.22	37.75	51.79	66.36	44.43	66.31			
	NT2RP3003018	4.14	3.97	9.63	5.98	1.6	1.48	2.56	2.43	2.26			
	NT2RP3003028	3.8	4.39	9.49	7.13	4.25	1.98	3.07	2.68	1.64			
55	NT2RP3003029	10.59	12.64	16.85	9.46	5.29	7.18	11.38	8.45	12.28			
	NT2RP3003032	18.44	16.02	27.77	16.77	11.22	12.42	15.36	17.44	10.46			
	NT2RP3003041	9.55	8.82	9.85	12.39	5.66	4.67	6.47	4.02	3.62	**	-	

Table 447

	NT2RP3003044	20.51	12.05	18.28	17.95	10.92	17.93	12.47	17.92	24.95				
	NT2RP3003047	318.58	233.21	307.78	283.91	158.8	215.31	289.99	339.63	305.02				
5	NT2RP3003050	6.01	3.67	13.67	6.04	1.27	2.97	2.45	4.04	3.78				
	NT2RP3003053	4.73	4.39	9.42	5.4	1.52	3.2	1.65	2.69	4.02				
	NT2RP3003059	3.4	2.18	5.45	4.75	1.77	1.03	2.8	1.96	1.97				
	NT2RP3003061	3.92	4.63	10.62	7.14	5.71	3.17	3.68	3.67	3.35				
	NT2RP3003068	13.64	16.72	19.09	13.94	11.08	9.11	15.51	9.65	9.79				
	NT2RP3003071	501.47	582.68	529.35	407.82	335.95	447.01	379.51	122.11	170.7	*	*	-	-
10	NT2RP3003076	11.52	4.82	12.85	9.77	5.93	5.76	7.19	9.4	27.45				
	NT2RP3003078	14.69	14.12	17.86	9.88	7.71	7.1	3.81	7.38	11.24	**	*	-	-
	NT2RP3003081	14.34	14.21	20.22	13.69	9.02	9.23	12.85	17.91	10.55				
	NT2RP3003090	4.38	6.96	9.84	6.19	3.29	2.43	4.26	4.05	2.94				
	NT2RP3003097	14.02	15.06	14.8	11.66	5.57	6.77	8.05	9.19	6.11	*	**	-	-
	NT2RP3003098	6.1	7.46	9.23	6.48	4.67	4.01	3.99	4.01	3.93		*	-	-
15	NT2RP3003101	11.04	12.95	14.52	11.99	6.27	8.65	11.09	9.21	8.98				
	NT2RP3003109	27.77	29.32	24.18	32.49	26.06	31.9	22.67	12.21	14.33		*	-	-
	NT2RP3003121	14.74	6.75	15.15	12.65	4.66	5.96	4.11	5.09	12.75				
	NT2RP3003133	8.34	7.45	12.11	8.93	5.28	6.18	2.52	4.07	7.32				
	NT2RP3003137	4.53	5.11	11.1	4.41	2.55	1.77	1.57	3.58	2.61				
20	NT2RP3003138	14.49	14.02	31.57	15.47	8.83	7.42	8.07	6.92	9.16				
	NT2RP3003139	17.72	13.28	16.88	11.32	8.97	7.87	7.6	10.95	5.4	*	*	-	-
	NT2RP3003145	29.81	27.36	41.27	37.92	28.86	28.23	19.57	16.3	17.5		*	-	-
	NT2RP3003150	3.07	5.2	3.99	5.23	1.85	1.66	3.17	2.46	1.85				
	NT2RP3003157	36.91	28.34	31.25	37.59	20.43	24.91	16.55	12.31	12.99		**	-	-
	NT2RP3003185	12.88	12.16	22.32	13.29	10.08	11.04	7.56	13.67	13.84				
25	NT2RP3003193	56.79	51.34	61.74	61.27	47.04	47.44	61.96	79.57	80.02				
	NT2RP3003197	14.34	9.96	23.45	8.85	5.2	5.54	6.63	8.8	4.5				
	NT2RP3003203	13.42	14.29	19.75	14.19	7.85	8.04	8.52	12.56	10.13				
	NT2RP3003204	19.08	17.04	30.4	16.33	10.47	7.75	7.19	12.58	11.16				
	NT2RP3003210	6.33	8.19	12.29	9.16	9.84	6.29	6.27	7.36	5.46				
	NT2RP3003212	8.37	8.5	11.56	8.16	5.18	3.57	6.2	5.26	6.14		*	-	-
	NT2RP3003213	5.67	4.05	5.85	6.17	2.96	2.21	4.78	3.56	3.34				
30	NT2RP3003224	55.68	53.67	56.74	16.3	18.72	16.37	11.98	29.14	26.24	**	**	-	-
	NT2RP3003226	4.57	3.58	10.67	6.47	2.35	3.36	2.91	2.15	2.81				
	NT2RP3003230	7.29	5.28	14.91	8.17	2.63	3.43	3.72	2.45	3.81				
	NT2RP3003235	79.63	66.15	103.5	95.3	92.56	60.75	55.64	70.39	55.23				
	NT2RP3003242	73.44	66.48	77.54	45.7	33.8	25.86	41.52	43.2	38.85	**	**	-	-
35	NT2RP3003251	104.1	73.55	126.64	135.43	95.34	99.58	79.05	81.02	71.32				
	NT2RP3003252	10.37	11.27	12.13	9.17	5.92	6.54	5.47	5.61	2.73	*	**	-	-
	NT2RP3003258	15.2	11.75	13.65	15.47	7.62	6.38	7.6	4.08	5.36		**	-	-
	NT2RP3003260	20.33	21.23	23.55	13.01	8.75	11.13	14.98	15.72	16.47	**	**	-	-
	NT2RP3003264	39.02	33.18	49.85	37.17	29.58	23.32	18.19	26.52	25.18		*	-	-
	NT2RP3003273	4.51	4.91	15.07	7.81	4.36	2.59	2.42	2.45	2.89				
40	NT2RP3003278	10.07	13.81	15.32	10.69	5.74	4.93	4.88	5.26	3.08		**	-	-
	NT2RP3003280	8.01	8.36	9.74	5.35	2.41	1.56	1.8	2.02	2.23	*	**	-	-
	NT2RP3003282	6.34	4.14	6.3	6.51	1.72	3.27	3.2	1.42	0.91		*	-	-
	NT2RP3003290	5.35	4.64	5.82	6.64	2.67	3.3	2.13	0.74	2.31		**	-	-
	NT2RP3003301	10.24	13.13	10.58	8.04	5.22	4.9	4.68	1.19	1.93	*	**	-	-
	NT2RP3003302	44.6	31.52	44.49	25.69	16.4	28.65	36.54	47.16	60.3	*		-	-
45	NT2RP3003311	4.75	4.55	11.5	8.43	3.14	4.46	2.2	3.71	1.64				
	NT2RP3003312	24.36	35.16	29.14	9.01	9.9	12.13	5.11	5.46	5.49	**	**	-	-
	NT2RP3003313	11.85	10.76	12.83	7.95	5.85	3.91	3.77	4.31	3.7	*	**	-	-
	NT2RP3003327	9.48	7.49	11.81	7.32	3.83	2.99	4.61	4.57	4.3		*	-	-
	NT2RP3003330	28.77	45.14	40.86	24.02	22.59	18.95	15.05	12.99	8.77	*	**	-	-
	NT2RP3003344	7.42	9.51	10.17	9.56	3.26	4.53	3.31	3.26	4.42		**	-	-
50	NT2RP3003346	7.58	7.33	10.55	7.96	3.11	4.95	5.04	6.17	6.71				
	NT2RP3003349	77.06	82.34	60.61	59.72	39.01	41.31	20.2	47.64	67.66	*		-	-
	NT2RP3003353	5.79	9.35	12.49	5.84	3.66	3.54	2.78	3.58	3.64		*	-	-
	NT2RP3003354	50.09	93.38	122.44	53.2	56.67	30.98	100.88	61.77	52.32				
	NT2RP3003368	10.01	14.26	18.12	8.66	5.26	5.87	4.9	3.64	2.35	*	*	-	-
	NT2RP3003375	13.81	11.33	19.09	11.92	5.85	11.47	12.29	9.6	11.66				
55	NT2RP3003377	8.13	11.7	14	6.42	2.73	1.97	7.35	4.71	8.09	*		-	-
	NT2RP3003384	15.97	18.59	24.94	10.9	5.8	5.57	11.93	4.66	4.64	*	*	-	-
	NT2RP3003385	10.44	16.16	15.37	14.39	15.35	10.89	10.54	6.35	9.2				

Table 448

	NT2RP3003396	16.4	12.74	16.94	16.32	6.79	16.93	14.73	19.34	18.49			
	NT2RP3003403	3.1	2.78	7.09	5.18	1.78	3.29	1.96	3.43	3.41			
5	NT2RP3003409	7.35	11.81	12.63	9.44	12.96	4.77	6.95	7.18	6.37			
	NT2RP3003411	11.06	12.25	14.86	7.42	4.83	5.8	7.12	7.74	6.44	**	**	-
	NT2RP3003420	19.06	32.9	36.55	21.71	11.78	14.57	23.43	20.87	21.3			
	NT2RP3003425	6.27	5.68	8.42	5.84	2.62	3.03	4.29	2.39	4.38	*		-
	NT2RP3003426	7.48	8.53	6.3	7.22	3.59	4.34	6.93	6.05	8.2			
	NT2RP3003427	28.71	32.12	28.4	30.38	20.54	27.6	31.57	21.98	21.07			
10	NT2RP3003433	4.33	3.61	3.8	5.72	1.58	3.56	2.47	5.63	2.76			
	NT2RP3003437	3.79	2.73	8.27	7.3	2.16	3.14	2.83	3.31	4.36			
	NT2RP3003448	50.3	43.28	42.61	71.29	41.3	73.4	51.67	39.73	51.96			
	NT2RP3003455	10.05	10.38	13.46	9.15	4.03	7.96	7.2	5.64	6.56	*		-
	NT2RP3003462	10.37	9.93	17.25	9.92	5.42	4.43	5.52	5.56	5.82	*		-
	NT2RP3003464	14.66	13.89	13.26	12.87	7.49	6.91	18.26	16.54	18.68	**		+
15	NT2RP3003469	17.22	14.94	13.68	14.5	4.68	9.94	19.05	18.28	19.4	*		+
	NT2RP3003473	10.99	11.83	10.53	13.09	12.46	13.39	10.9	7.59	8.71	*	+	-
	NT2RP3003474	3.37	3.95	4.83	6.73	2.05	5.69	2.42	1.56	2.61	*		-
	NT2RP3003475	25.58	23.74	27.15	19.96	21.31	0.35	11.64	10.85	19.52	*		-
	NT2RP3003490	6.09	2.59	4.63	5.62	1.54	3.26	2.21	16.1	3.36			
20	NT2RP3003491	18.8	17.56	17.3	22.58	14.42	27.63	10.64	13.18	15.87	*		-
	NT2RP3003493	4.17	0.67	1.27	6.14	0.62	2.97	3.62	2.46	1.88			
	NT2RP3003500	5.9	4.89	5.02	7.76	1.8	6.18	6.6	5.32	6.99			
	NT2RP3003527	7.67	4.85	6.47	6.19	2.35	4.17	6.12	6.18	4.88			
	NT2RP3003532	10.61	16.22	14.72	12.47	4.81	8.89	14.42	12.45	12.16			
	NT2RP3003535	38.7	29.85	32.07	25.66	21.86	25.49	14.16	14.9	18.19	*	**	-
	NT2RP3003536	5.83	2.22	11.18	6.74	1.99	4.05	4.59	4.1	3.31			
25	NT2RP3003543	83.01	76.4	71.54	99.52	61.99	69.1	35.13	38.35	47.54	**		-
	NT2RP3003549	5.05	3.61	9.39	4.68	1.49	3.34	2.95	6.92	3.73			
	NT2RP3003552	5.72	3.03	6.03	6.81	1.98	1.74	4.06	3.11	1.34			
	NT2RP3003555	7.3	5.08	11.06	9.46	2.64	6.2	9.1	6.02	7.32			
	NT2RP3003559	16.08	18.05	20.35	13.82	7.72	7.64	10.69	7.28	10	*	**	-
30	NT2RP3003564	21.9	11.18	19.14	32.64	13.35	24.42	5.9	11.04	13.84			
	NT2RP3003572	4.45	3.71	12.53	6.23	1.91	3.3	2.99	5.76	5.28			
	NT2RP3003576	10.13	4.39	10.89	7.2	4.48	6.35	2.89	3.48	6.99			
	NT2RP3003587	4.99	3.94	10.87	4.59	3.45	2.48	4.61	2.31	2.5			
	NT2RP3003589	8.81	6.29	8.93	5.98	6.78	3.45	8.93	5.16	5.31			
	NT2RP3003592	16.97	13.2	13.23	12.11	9.09	12.9	9.83	6.59	9.69	*		-
35	NT2RP3003593	8.95	15.57	14.21	12.38	7.8	13.05	6.6	6.07	15.06			
	NT2RP3003614	16.19	15.38	25.69	16.13	12.3	18.94	17.5	16.33	15.44			
	NT2RP3003621	23.31	9.78	21.55	19.16	8.76	10.65	10.2	15.44	18.25			
	NT2RP3003625	30.15	13.92	27.9	27.09	17.35	16.31	10.08	25.7	26.09			
	NT2RP3003627	13.85	10.22	17.05	10.88	8	10.73	7.14	16.59	27.58			
40	NT2RP3003636	43.56	19.06	24.94	24.57	26.12	25.77	9.71	16.11	10.76			
	NT2RP3003642	9.55	5.41	10.21	6.42	5.7	4.71	4.31	4.84	5.36			
	NT2RP3003645	11.93	7.13	13.91	10.67	5.31	7.85	4.02	4.25	4.25	*		-
	NT2RP3003648	6.56	6.34	9.24	8.44	4.41	4.52	4.4	2.95	3.73	*		-
	NT2RP3003649	26.09	26.77	29.81	22.55	18.26	23.64	34.18	24.81	32.1	*		-
	NT2RP3003650	12.61	11.46	21.64	12.68	5.46	10.24	6.28	12.27	13.31			
	NT2RP3003656	6.54	4.65	10.33	8.68	1.7	4.51	3.42	4.72	11.15			
45	NT2RP3003659	9.46	5.9	15.28	7.57	5.1	6.1	4.35	6.43	5.32			
	NT2RP3003662	8.5	8.39	10.9	5.37	1.92	5.94	1.35	3.6	1.87	*	**	-
	NT2RP3003664	4.6	5.97	8.27	6.79	3.03	4.25	2.14	1.93	3.62	*		-
	NT2RP3003665	11.75	13.45	13.25	12.32	5.11	5.74	4.75	7.06	5.47	**		-
	NT2RP3003671	70.45	72.23	46.58	69.47	88.76	53.27	45.85	13.94	22.44	*		-
50	NT2RP3003672	12.42	9.87	13.46	13.04	14.86	11.85	11.18	14.12	13.48			
	NT2RP3003673	8.49	4.06	14.72	9.56	3.98	4.91	4.97	6.88	5.68			
	NT2RP3003679	10.33	6.46	20.68	8.71	5.36	8.11	4.9	8.58	8.08			
	NT2RP3003680	13.23	15.82	26.63	9.67	11.59	10.92	6.46	10.89	9.67			
	NT2RP3003686	3.02	3.35	12.97	5.63	1.59	1.88	2.06	1.47	1.07			
	NT2RP3003689	9.23	7.33	11.82	8.17	6.77	3.83	2.32	5.97	3.24	*		-
	NT2RP3003697	6.83	7.26	6.91	7.08	5.61	6.06	2.11	3.71	4.84	*		-
55	NT2RP3003701	9.67	9.01	11.76	7.31	4.84	5.19	3.31	2.62	4.46	*	**	-
	NT2RP3003704	10.73	9.76	12.38	10.7	7.93	10.02	15.67	9.66	12.47			
	NT2RP3003714	6.87	2.51	9.56	7.86	2.41	3.23	1.8	2.83	0.8			

Table 449

	NT2RP3003716	7.01	8.27	14.18	5.47	2.75	3.52	5.58	5.29	3.83			
	NT2RP3003721	13.04	10.15	23.8	10.64	5.81	9.58	11.26	11.19	10.89			
	NT2RP3003722	3.89	8.42	15.57	8.33	6.34	5.67	3.09	6.47	3.17			
5	NT2RP3003726	9.91	10.2	12.37	9.7	5.8	5.18	6.04	11.22	5.51			
	NT2RP3003729	15.24	10.41	15.84	9.27	8.89	4.46	6.77	7.5	6.93		*	-
	NT2RP3003731	21.75	24.76	24.08	12.03	11.65	6.88	4.57	8.08	5.08	**	**	-
	NT2RP3003740	6.25	8.21	13.85	9.2	5.84	6.01	5.86	5.22	4.61			
	NT2RP3003746	8.07	4.76	18.45	7.1	1.15	4.58	3.94	4.56	4.9			
	NT2RP3003749	12.41	10.83	19.25	6.47	8	6.02	6.17	7.75	8.42			
10	NT2RP3003754	6.51	6.89	16.88	6.39	6.73	2.6	13.69	10.54	7.77			
	NT2RP3003759	5.04	4.82	10.4	5.36	1.64	1.95	2.96	2.71	1.17			
	NT2RP3003764	37.79	25.83	53.35	42.39	40.22	42.13	25.68	27.55	28.87			
	NT2RP3003766	53.84	52.07	31.23	39.67	26.34	21.22	14.6	22.88	28.5		*	-
	NT2RP3003767	8.01	8.08	7.88	8.43	4.34	4.24	4.39	2.88	4.34		**	-
	NT2RP3003778	24.16	27.96	20.47	21.14	16.84	15.25	32.15	22.31	26.7			
15	NT2RP3003779	12.68	5.29	15.64	10.68	4.35	10.53	3.1	5.95	4.41			
	NT2RP3003783	21.6	12.18	19.59	7.99	4.9	7.06	6.28	6.7	5.9	*	*	-
	NT2RP3003787	6.7	5.75	13.41	6.04	3.64	1.85	4.2	4.99	1.46			
	NT2RP3003789	8.11	11.36	13.5	7.92	6.55	6.67	5.52	5.69	3.28		*	-
	NT2RP3003795	28.23	17.85	14.78	13.94	17.1	12.18	13.09	11.24	13.99			
20	NT2RP3003799	7.73	3.87	9.64	5.67	2.6	3.17	2.83	1.93	2.55			
	NT2RP3003800	80.77	76.75	98.8	62.18	49.64	73.93	101.61	58.63	58.22			
	NT2RP3003805	19.72	20.08	15.07	17.29	8.51	14.67	17.48	12.39	11.94			
	NT2RP3003809	8.63	14.84	28.37	7.81	4.06	5.86	6.78	7.04	6.7			
	NT2RP3003819	19.91	12.71	21.8	8.29	12.89	15.12	8.35	11.58	14.32			
	NT2RP3003824	4.44	5.34	16.42	6	3.26	2.18	5.16	4	3.14			
25	NT2RP3003825	15.83	8.99	17.57	10.52	9.35	8.99	8.88	7.14	8.67			
	NT2RP3003828	7.18	6.66	13.27	7.4	5.95	4.81	5.75	3.03	3.24			
	NT2RP3003831	49.77	38.05	46.92	12.19	13.59	13	11.7	8.2	8.68	**	**	-
	NT2RP3003833	7	12.76	5.52	6.51	1.52	3.02	3.01	1.46	3.08			
	NT2RP3003836	22.92	45.16	37.16	16	14.78	18.49	26.73	7.91	11.58	*		-
	NT2RP3003842	3.09	1.45	4.55	4.66	0.91	2.25	1.5	2.49	0.97			
30	NT2RP3003843	23.17	13.66	18.94	21.62	11.25	18.44	16.81	22.17	19.21			
	NT2RP3003844	11.64	8.51	12	9.56	4.9	7.1	7.94	10.02	13.51			
	NT2RP3003846	11.56	8.88	8.25	8.42	3.89	7.04	8.15	6.21	10.88			
	NT2RP3003849	5.16	5.61	9.2	5.16	1.5	2.43	2.36	2.09	1.97		*	-
	NT2RP3003862	8.43	6.43	11.03	6.94	2.53	2.38	2.84	2.47	3.72		*	-
	NT2RP3003870	9.39	14.91	15.6	7.42	3.58	2.61	4.29	2.22	5.4	*	*	-
35	NT2RP3003874	8.27	8.06	7.54	6.09	3.19	3.65	2.59	2.64	5.21	*	**	-
	NT2RP3003876	6.84	5.28	7.66	10.08	2.52	6.72	2.11	6.22	4.3			
	NT2RP3003880	11.2	8.02	13.91	8.47	2.77	7.12	3.7	8.83	6.95			
	NT2RP3003889	6.9	11.63	11.35	8.75	7.41	9.51	7.37	8.06	5.22			
	NT2RP3003891	13.51	11.29	17.94	8.42	7.04	7.49	10.43	12.21	12.8	*		-
	NT2RP3003914	2.72	1.62	6.58	5.33	2.56	2.54	2.7	1.4	2.69			
40	NT2RP3003915	13.41	9.97	16.94	9.16	3.98	5.29	7.39	4.87	7.36	*	*	-
	NT2RP3003918	7.35	6.41	5.09	8.06	2.84	2.93	4.26	2.94	4.43		*	-
	NT2RP3003920	10.75	6.92	10.79	7.41	1.85	6.22	6.71	4.36	3.03		*	-
	NT2RP3003924	33.52	17.52	18.55	12.63	9.6	13.46	9.41	16.84	13.76			
	NT2RP3003932	13.16	5.83	7.58	6.21	2.22	4.38	1.9	2.22	2.59		*	-
	NT2RP3003939	11.85	14.76	15.54	9.97	7.98	8.34	3.34	3.94	3.84	*	**	-
45	NT2RP3003940	12.22	9.19	12.29	11.49	8.56	4.42	7.78	12.51	10.79			
	NT2RP3003943	7.2	4.68	6.57	7.12	5.58	5.18	4.42	3.92	6.05			
	NT2RP3003959	7.72	13.55	11.27	9.14	1.71	5.84	6.69	7.88	9.75			
	NT2RP3003963	75.69	75.77	72.03	129.26	82.85	106.1	81.78	51.98	65.78			
	NT2RP3003965	18.74	14.24	13.95	14.48	9.03	12.62	20.67	19.68	26.47			
	NT2RP3003972	4.57	5.37	14.74	8.17	2.14	5.46	5	3.91	5.17			
50	NT2RP3003973	6.48	6.48	12.61	7.2	3.25	3.55	3.26	4.26	5.78			
	NT2RP3003979	4.45	3.72	9.63	4.82	2.41	2.62	1.15	1.72	1.66			
	NT2RP3003980	146.06	117.79	158.74	103.46	88.31	102.32	155.94	132.47	147.6	*		-
	NT2RP3003982	7.33	5.76	16.01	6.18	2.48	3	4.61	2.79	5.02			
	NT2RP3003989	10.71	10.02	27.87	8.13	4.12	8.61	5.84	9.52	13.56			
	NT2RP3003992	46.04	43.58	55.68	31.62	22.83	36.4	32.87	30.71	18.85	*	*	-
55	NT2RP3004000	75.38	38.37	57.12	93.25	54.67	51.6	36.78	36.39	33.4			
	NT2RP3004001	14.94	10.16	22.03	15.95	8.73	15.13	13.16	15.23	21.06			

Table 450

	NT2RP3004005	23.75	15.81	26.46	14	10.64	14.12	16.28	18.58	18.43				
	NT2RP3004013	22.54	11.33	21.98	6.11	3.13	3.73	3.05	4.94	3.43	*	*	-	-
5	NT2RP3004016	7.39	7.18	13.3	10.92	9.82	5.35	6.27	5.44	4.76				
	NT2RP3004025	22.82	15.93	25.25	22.37	10.03	12.12	21.2	17.91	21.7				
	NT2RP3004030	4.66	4.65	8.61	4.83	3.44	3.8	4.36	2.41	1.96				
	NT2RP3004041	4.1	2.26	3.06	5.03	2.28	1.57	2.62	0.7	0.71				
	NT2RP3004042	2602.1	1724.7	1778.2	2098.3	1690	1795.1	1947.3	2828.9	2085.3				
	NT2RP3004044	32.34	21.11	30.01	12.91	11.29	11.35	7.18	15.29	26.2	**		-	
10	NT2RP3004051	19.22	22.27	34.06	33.29	21.4	25.83	12.31	39.18	27.89				
	NT2RP3004052	20.9	17.89	21.89	18.39	15.57	16.97	13.27	17.39	19.16				
	NT2RP3004053	19.14	11.65	20.87	15.13	10.18	12.84	3.1	7.99	5.77	*		-	
	NT2RP3004055	5.06	6.81	8.6	5.35	3.54	2.7	2.8	3.03	2.13	*		-	
	NT2RP3004059	26.03	28.01	36.98	19.3	19.54	21.1	20.16	18	15.03	*	*	-	-
	NT2RP3004063	29.14	22.42	34.14	23.83	23.28	19.51	31.01	26.64	12.72				
15	NT2RP3004067	7.95	8.62	20.76	10	4.39	4.65	3.75	4.12	8.39				
	NT2RP3004070	905.61	934.59	965.28	291.19	622.85	595.78	278.31	1360.6	1279.5	*		-	
	NT2RP3004075	11.59	15.27	23.01	8.7	5.82	8.89	3.95	5.77	5.73	*		-	
	NT2RP3004078	13.83	11.53	17.13	13.53	5.08	9.69	12.68	11.48	12.45				
	NT2RP3004083	33.39	27.25	43.84	12.1	13.49	7.53	6.38	6.07	6.79	*	**	-	-
	NT2RP3004084	25.34	24.44	39.2	27	15.25	16.2	38.67	47.1	47.33				
20	NT2RP3004087	13.47	17.06	17.12	15.44	8.85	8.53	10.22	10.37	8.13	*		-	
	NT2RP3004090	72.24	81.09	78.4	57.09	57.97	55.35	77.78	70.88	90.98	**		-	
	NT2RP3004093	28.49	18.68	45.95	14.41	12.09	18.33	8.92	23.19	25.5				
	NT2RP3004095	33.26	26.66	48.11	23.16	21.66	33.49	19.24	23.44	21.47				
	NT2RP3004102	34.73	35.32	40.77	25.88	17.76	24.22	15.74	23.36	12.18	*	**	-	-
	NT2RP3004110	7.05	4.57	10.07	7.67	1.49	3.89	2.25	3.65	1.62	*		-	
25	NT2RP3004119	11.05	7.96	13.76	6.77	3.42	4.11	3.84	3.73	1.51	*	*	-	-
	NT2RP3004125	3.06	3.32	9.52	6.05	1.93	1.78	1.81	1.49	1				
	NT2RP3004129	11.05	13	16.54	13.66	11.08	8.18	7.67	3.97	5.87	*		-	
	NT2RP3004130	6.85	5.7	8.22	6.11	4.3	3.04	7.91	3.1	2.41	**		-	
	NT2RP3004133	8.31	5.24	20.22	8.3	3.21	4.09	3.33	4.08	3.29				
	NT2RP3004145	5.99	4.29	13.16	5.33	2.78	2.69	2.63	4.11	3.14				
30	NT2RP3004148	53	37.5	49.88	32.7	23.92	15.17	30.82	36.4	44.13	*		-	
	NT2RP3004155	8.18	8.86	12.7	12.14	3.98	4.25	2.59	2.94	3.13	**		-	
	NT2RP3004165	77.97	53.41	68.62	51.37	46.12	31.89	49.51	25.55	55.19				
	NT2RP3004179	9.55	6.18	11.2	6.95	2.94	2.88	4.01	3	3.7	*		-	
	NT2RP3004185	6.31	5.21	6.12	9.04	2.95	2.38	1.55	0.61	2.3	**		-	
	NT2RP3004188	6.31	7.01	6.86	7.94	4.08	2.67	3.74	2.3	1.82	**		-	
35	NT2RP3004189	15.63	7.3	21.16	9.58	5.21	8.89	4.83	8.4	6.14				
	NT2RP3004190	64.52	34.39	57.67	48.45	40.38	53.55	47.37	42.21	45.49				
	NT2RP3004191	122.58	123.5	136.79	74.78	46.86	44.19	48.51	70.16	47.4	**	**	-	-
	NT2RP3004202	18.55	13.31	21.41	14.01	15.47	6.42	10.97	12.13	10.67				
	NT2RP3004205	10.59	7.33	14.79	6.1	4.73	2.92	2.52	2.35	2.6	*		-	
40	NT2RP3004206	15.55	12.16	17.94	7.47	8.64	7.63	5.69	7.13	12.18	*		-	
	NT2RP3004207	8.65	8.42	9.24	5.53	2.88	3.67	2.31	1.22	2.02	**	**	-	-
	NT2RP3004209	27.4	23.65	14.62	17	13.67	16.8	19.95	17.39	12.49				
	NT2RP3004215	22.45	23.53	27.86	11	7.75	10.82	4.22	8.07	7.54	**	**	-	-
	NT2RP3004219	5.58	5.12	13.51	6.81	2.08	4.81	3.19	3.17	3.09				
	NT2RP3004242	4.18	6.26	13.02	6.15	3.05	4.41	4.72	3.98	3.45				
45	NT2RP3004246	3.85	4.1	9.37	4.89	2.24	1.94	1.48	3.04	2.11				
	NT2RP3004253	7.46	3.55	9.07	5.38	2.69	1.44	2.57	2.47	3.21				
	NT2RP3004258	8.43	4.33	9.6	7.18	4.84	3.38	6.14	4.76	3.41				
	NT2RP3004262	5.75	6.49	6.12	6.38	2.36	2.74	4.69	0.6	2.65	*		-	
	NT2RP3004275	5.37	6.56	6.47	6.33	1.33	2.3	2.5	1.89	3.75	**		-	
	NT2RP3004282	4.86	27.86	18.63	6.39	3.74	5.05	2.71	3.54	3.27				
50	NT2RP3004289	6.43	5.13	10.82	5.92	2.79	3.35	2.25	2.59	3.21				
	NT2RP3004294	4.71	4.44	6.56	4.95	2.62	3.32	2.88	6.45	3.88				
	NT2RP3004298	64.72	55.93	73.74	63.66	58.3	70.43	70.1	51.46	68.44				
	NT2RP3004309	10	7.69	11.97	7.21	2.5	3.75	5.84	3.48	5.36	*	*	-	-
	NT2RP3004321	23.29	38.14	42.57	12.44	16.53	8.76	14.14	5.43	9.71	*	*	-	-
	NT2RP3004322	4.19	4.29	4.98	4.8	1.3	0.91	2.93	1.84	2.18	**		-	
55	NT2RP3004332	9.53	11.83	11.13	7.92	3.85	4.05	4.3	2.24	2.92	*	**	-	-
	NT2RP3004334	14.9	13.13	17.93	15.28	11.06	7.25	6.62	11.71	9.43	*		-	
	NT2RP3004336	9.94	8.5	13.66	9.26	7.37	6.68	4.73	8.17	4.32				

Table 451

	NT2RP3004338	20.15	16.11	15.61	11.35	11.45	16.93	14.61	18.8	16.46			
	NT2RP3004341	45.52	46.06	66.9	30.5	32.86	24.48	35.75	44.1	42.23	*	-	
5	NT2RP3004345	5.41	7.27	12.03	7.28	2.26	2.19	5.01	3.58	4.59			
	NT2RP3004348	8.2	11.9	19.15	6.37	5.32	6.29	9.92	4.97	6.08			
	NT2RP3004349	46.27	44.89	52.77	25.21	14.4	28.82	51.32	39.58	50.42	**	-	
	NT2RP3004355	13.69	17.95	13.45	12.62	8.18	11.72	10.41	5.58	7.23	*	-	
	NT2RP3004356	6.56	4.92	9.79	7.46	3.18	5.93	2.87	5.09	3.61			
	NT2RP3004360	11.41	7.43	12.2	11.26	4.38	7.34	4.62	4.39	7.23	*	-	
10	NT2RP3004361	22.43	16.96	27.29	12.91	14.7	16.73	18.55	21.02	26.27			
	NT2RP3004374	6.08	4.11	5.92	5.52	2.91	4.87	2.31	2.56	2.6	*	-	
	NT2RP3004378	50.03	39.45	48.92	39.78	39.18	55.24	61.97	46.46	63.83			
	NT2RP3004399	25.24	30.84	27.39	23.98	13.72	17.1	23.05	19.32	24.46	*	-	
	NT2RP3004405	5.46	2.89	3.95	6.86	3.8	2.54	2.58	3.57	3.49			
	NT2RP3004406	48.02	80.1	76.06	27.26	18.49	29.22	40.17	40.49	25.13	*	*	-
15	NT2RP3004411	21.84	13.45	15.39	11.3	8.55	12.78	6.83	10.8	17.8			
	NT2RP3004424	12.83	9.11	14	10.53	6.29	12.31	8.49	6.86	11.07			
	NT2RP3004428	9.06	4.59	7.61	7.92	3	6.19	2.13	2.45	2.73	*	-	
	NT2RP3004432	41.77	40.01	43.16	46.87	29.7	37.75	43.11	55.91	45.48			
	NT2RP3004434	6.59	6.36	9.2	19.42	10.09	11.41	8.35	8.97	10.87			
20	NT2RP3004446	5.55	1.31	2.23	5.8	1.27	2.52	2.84	1.81	2.66			
	NT2RP3004451	28.05	27.38	35.9	43.9	34.57	29.99	27.84	20.66	27.06			
	NT2RP3004454	3.04	4.95	3.07	5.17	2.65	2.97	3.32	1.95	4.76			
	NT2RP3004466	17.88	12.48	17.63	17.19	13.76	19.32	8.38	10.38	11.73	*	-	
	NT2RP3004470	6.58	4.48	12.1	9.37	2.81	3.83	6.66	6.76	5.57			
	NT2RP3004472	4.96	8.32	13.71	7.25	5.54	4.58	2.83	3.65	3.08			
	NT2RP3004475	9.27	6	11.18	8.66	2.73	3.48	3.79	5.2	3.34	*	-	
25	NT2RP3004480	22.33	15.69	32.46	17.18	10.83	15.46	12.05	10.67	10.95			
	NT2RP3004481	7.51	6.36	10.91	7.96	3.04	6.85	8.17	5.21	5.83			
	NT2RP3004490	1.96	3.67	4.31	5.07	2.67	3.48	2.86	2.05	1.78			
	NT2RP3004496	29.05	43.68	52.3	32.37	24.7	28.45	17.59	12.79	20.95	*	-	
	NT2RP3004498	6.1	6.29	10.2	8.29	5.15	5.43	3.36	4.35	5.77			
30	NT2RP3004503	13.34	8.17	15.98	13.28	6.98	13.95	9.69	13.04	16.21			
	NT2RP3004504	26.86	13.87	24.17	16.13	11.34	13.03	8.55	9.71	9.3	*	-	
	NT2RP3004505	60.88	42.22	65.16	60.93	61.18	59.93	38.93	40.66	35.92	**	-	
	NT2RP3004507	6.96	5.95	8.15	5.81	3.02	3.27	2.74	2.78	2.24			
	NT2RP3004519	3.09	3.32	8.34	4.29	1.92	0.77	1.76	0.64	1.58			
	NT2RP3004524	22.27	16.91	24.46	12.8	14.38	10.78	10.59	7.77	17.02	*	-	
	NT2RP3004527	31.26	36.6	41.52	32.19	22.11	22.1	23.08	21.05	18.57	**	-	
35	NT2RP3004534	1954.5	1225.4	1438.4	1526.7	1505.7	1779.6	777.34	2507.5	2418.6			
	NT2RP3004539	4.71	4.69	10.04	5.61	3.18	4.71	4.15	5.52	6.25			
	NT2RP3004541	14.72	10.14	22.05	12.49	7.26	9.05	8.78	11	10.96			
	NT2RP3004544	17.32	13.37	16.21	16.43	8.76	13.79	6.55	10.61	10.66	*	-	
	NT2RP3004551	12.43	7.15	13.73	9.94	5.53	6.65	10.18	9.42	7.62			
	NT2RP3004552	19.37	11.98	21.3	18.2	12.57	16.98	18.98	16.22	18.63			
40	NT2RP3004557	11.18	12.99	15.15	12.15	8.14	12.54	12.08	12.56	14.07			
	NT2RP3004561	2.52	4.37	4.66	6.9	2.44	3.94	3.97	3.31	3.2			
	NT2RP3004566	16.46	13.14	29	10.83	7.99	8.15	3.35	6.43	21.27			
	NT2RP3004569	20.41	16.28	28.7	14.13	11.71	13.43	13.97	16.78	16.75			
	NT2RP3004572	12.48	13.38	19.74	11.19	9.39	9.67	3.98	9.35	8.35	*	-	
	NT2RP3004578	6.49	6.06	8.06	7.21	4.59	4.3	5.13	4.76	4.1	*	-	
45	NT2RP3004584	8.34	6.1	9.57	5.07	2.29	4.9	3.85	3.5	2.08	*	*	-
	NT2RP3004588	4.64	4.62	7.46	7.78	2.88	3.22	3.01	5.54	3.28			
	NT2RP3004594	18.77	25.61	21.44	21.59	19.15	22.94	29.86	27.19	18.84			
	NT2RP3004603	4.79	6.26	5.77	8.8	3.9	4.9	5.46	7.72	5.82			
	NT2RP3004612	6.46	6.92	12.58	12.71	4.69	5.32	2.31	10.42	14.75			
50	NT2RP3004617	8.05	8.14	15.39	8.87	3.8	5.79	3.78	6.88	7.16			
	NT2RP3004618	36.56	23.11	37.29	24.87	25.7	22.47	22.39	33.72	29.91			
	NT2RP3004625	19.69	16.42	18.21	11.76	10.91	14.71	6.25	8.76	11.12	*	**	-
	NT2RP3004635	11.6	9.72	13.73	7.06	5.4	4.21	3.68	2.39	2.94	*	**	-
	NT2RP3004640	4.25	10.31	12.87	7.49	7.74	5.34	4.28	3.2	9.33			
	NT2RP3004642	15.02	23.4	27.93	15.96	15.92	16.39	17.49	17.88	14.1			
55	NT2RP3004647	10.52	11.7	14.89	13.69	6.27	6.34	18.22	14.86	18.18			
	NT2RP3004652	28.1	24.38	41.76	13.95	14.47	12.02	4.02	12.27	12.65	*	*	-
	NT2RP3004669	7.74	7.41	20.24	7.31	6.69	6.49	4.02	6.68	4.21			

Table 452

	NT2RP3004670	5.78	5.9	15.55	5.95	8.77	4.78	1.73	4.19	3.14							
	NT2RP4000008	4.28	3.76	9.74	7.01	3.13	2.8	0.87	1.61	1.16							
5	NT2RP4000018	777.26	720.79	779.71	458.85	552.02	180.81	608.14	341.39	573.73	*	*	-	-			
	NT2RP4000023	12.08	13.49	11.95	6.59	4.27	3.03	5.43	2.46	2.58	**	**	-	-			
	NT2RP4000025	10.92	10.01	10.19	8.87	3.46	6.52	5.55	3.38	7.2		*	-	-			
	NT2RP4000035	13.64	12.06	18.1	13.28	10.2	10.62	12.01	14.28	15.16							
	NT2RP4000041	7.95	4.85	12.17	6.47	2.4	5.6	2.83	2.55	3.55							
	NT2RP4000049	5.5	8.69	14.31	6.89	4.49	2.04	3	3.25	4.73							
10	NT2RP4000050	7.92	6.2	13.4	9.91	4.4	3.61	2.52	5.2	2.39							
	NT2RP4000051	11.64	12.9	17.08	9.37	6.75	7.7	7.83	11.79	8.18	*		-	-			
	NT2RP4000063	9.36	7.43	9.4	6.21	2.66	4.7	2.12	2.88	2.29	*	**	-	-			
	NT2RP4000065	8.57	5.45	7.62	5.43	1.38	3.74	3.79	2.44	1.14		*	-	-			
	NT2RP4000070	8.9	10.6	11.32	10.92	5.17	4.74	3.9	3	5.41		**	-	-			
	NT2RP4000074	7.09	6.56	7.33	6.07	3.64	2.14	2.7	1.95	3.11		**	-	-			
15	NT2RP4000078	10.64	7.98	15.22	9.04	4.02	9.72	4.12	7.85	6.44							
	NT2RP4000080	39.53	29.48	35.07	14.73	7.78	7.51	7.13	12.84	8.56	**	**	-	-			
	NT2RP4000099	17.27	15.29	21.59	9.54	12.81	6.62	5.87	6.72	3.64	*	**	-	-			
	NT2RP4000102	8.52	8.93	15.05	7.45	6.98	5.31	5.6	5.59	5.12							
	NT2RP4000103	20.66	29.01	31.17	15.7	16.08	13.47	20.04	13.58	12.68	*	*	-	-			
20	NT2RP4000108	10.35	7.66	11.54	5.11	5.39	5.22	4.96	2.69	3.44	*	**	-	-			
	NT2RP4000109	9.73	11.84	8.78	8.41	4.9	6.21	6.7	3.67	4.98		*	-	-			
	NT2RP4000111	9.68	7.22	7.83	10.68	5.18	7.24	9.51	4.5	2.88							
	NT2RP4000112	16.91	11.4	24.28	20.79	19.36	22.3	16.09	13.49	17.44							
	NT2RP4000115	7.34	4.25	10.98	5.53	2.81	4.32	2.76	2.51	2.27							
	NT2RP4000129	24.84	25.48	33.51	13.19	12.49	13.21	12.38	15.5	12.9	**	**	-	-			
25	NT2RP4000137	20.7	16.54	14.08	10.11	6.13	6.89	9.81	6.38	10.47	*	*	-	-			
	NT2RP4000138	7.91	6.25	8.72	5.36	2.95	3.73	3.09	3.11	5.54	*	*	-	-			
	NT2RP4000141	11.63	7.1	7.39	5.05	2.2	2.55	3.83	2.34	1.67	*	*	-	-			
	NT2RP4000147	7.8	8.75	6.46	5.67	2.45	1.71	3.71	1.66	2.95	*	**	-	-			
	NT2RP4000150	22.83	40.43	32.64	26.18	18.45	19.86	24.1	13.63	20.82							
	NT2RP4000151	5.35	2.77	7.92	5.7	2.57	4.58	2.81	1.73	3.64							
30	NT2RP4000157	5.03	3.17	7.55	5.12	2.41	3.03	2.61	4.59	2.88							
	NT2RP4000159	7.7	6.21	14	7.81	5.43	9.16	5.02	7.93	7.16							
	NT2RP4000163	11.36	16.35	22.24	7.82	6.7	5.1	11.58	8.66	14.17	*		-	-			
	NT2RP4000167	5.72	10.76	11.28	6.86	1.93	2.94	5.09	1.64	2.98							
	NT2RP4000171	17.67	20.8	16.76	13.24	7.81	11.48	17.22	11.6	13.85	*		-	-			
	NT2RP4000175	7.68	11.5	9.21	7.19	5.94	7.44	5.84	4.86	6.71		*	-	-			
35	NT2RP4000180	8.25	9.87	9.45	8.5	4.86	7.21	9.47	6.55	7.72							
	NT2RP4000185	3.44	9.69	9.07	5.25	3.82	5.08	3.89	5.51	9.51							
	NT2RP4000192	3.66	2.3	7.85	7.16	4.58	3.22	2.99	2.89	2.84							
	NT2RP4000194	4.94	3.92	6.27	5.67	6.92	4.33	4.73	3.32	6.3							
	NT2RP4000196	4.44	3.86	8.22	4.42	2.19	1.89	2.14	2.44	1.01							
	NT2RP4000210	4.32	3.9	5.46	5.03	2.17	1.97	3.56	2.52	3.91							
40	NT2RP4000212	10.41	10.12	9.74	6.43	6.54	3.07	4.86	4.69	2.44	*	**	-	-			
	NT2RP4000214	21.41	28.56	31.47	14.93	12.43	12.75	14.71	10.53	11	*	**	-	-			
	NT2RP4000216	18.56	17.54	17.8	9.05	3.32	6.3	7.12	4.66	4.69	**	**	-	-			
	NT2RP4000218	20.76	13.22	21.73	16.85	12.17	21.91	12.16	18.58	23.33							
	NT2RP4000223	11.85	6.5	8.31	9.5	4.18	9.75	8.04	7.05	11.94							
	NT2RP4000243	10.56	9.93	12.96	11.2	9.86	11.7	8.64	9.69	10.23							
45	NT2RP4000246	7.12	5.86	5.64	5.65	4.43	4.42	2.37	2.31	3.27		**	-	-			
	NT2RP4000250	11.29	8.98	12.39	10.04	3.49	5.45	5.46	5.81	5.67		**	-	-			
	NT2RP4000256	3.26	5.13	6.67	4.51	2.18	2.56	3.11	2.41	2.48							
	NT2RP4000257	23.54	23.13	30.8	34.24	27.3	37.51	26.44	19.58	27.22							
	NT2RP4000259	5.19	5.55	3.54	8.67	2.13	4.17	4.34	3.84	5.01							
	NT2RP4000261	4.72	2.05	7.37	6.8	1.48	3.76	2.37	3.23	3.88							
50	NT2RP4000262	2.93	2.46	11.12	5.21	1.63	2.61	2.49	2.62	2.71							
	NT2RP4000263	8.03	5.82	13.8	7.33	4.75	4.76	8.35	4.63	5.93							
	NT2RP4000280	36.69	25.69	34.43	21.81	13.93	11.89	23.3	25.5	21.75	*		-	-			
	NT2RP4000286	7.96	5.71	10.34	8.48	4.4	5.47	4.56	4.72	2.93							
	NT2RP4000290	6.28	5.27	10.35	7.67	3.77	4.58	5.45	2.24	4.35							
	NT2RP4000291	23.37	31.04	45.88	29.65	20.44	28.9	16.58	13.08	6.43		*	-	-			
55	NT2RP4000301	9.06	21.31	16.13	18.84	21.42	12.52	13.04	8.64	8.86							
	NT2RP4000312	7.37	5.86	10.71	6.75	4.45	5.45	4.08	4.23	5.32							
	NT2RP4000321	14.11	6.64	13.51	10.77	5.65	7.11	6.38	8.75	12.76							

Table 453

	NT2RP4000323	42.99	31.25	39.68	23.73	23.52	24.08	25.22	26.31	20.02	*	*	-	-
	NT2RP4000324	28.87	20.72	25.53	23.74	16.73	21.66	28.32	24.57	21.68				
5	NT2RP4000334	11.51	10.77	15.15	9.55	9.47	9.13	6.39	6.12	5.89	**		-	
	NT2RP4000343	20.88	12.62	32.18	18.49	14.22	8.72	14.98	17.89	14.7				
	NT2RP4000348	12.35	14.21	17.96	11.42	8.77	9.63	12.1	7.85	8.02				
	NT2RP4000349	8.77	16.24	12.89	11.44	12.7	9.21	11.37	7.34	11.23				
	NT2RP4000355	253.25	117.6	189.34	264.37	149.78	254.47	257.02	316.08	192.79				
	NT2RP4000356	61.98	36.7	79.91	60.03	57.95	82.79	39.95	40.28	37.12				
10	NT2RP4000360	38.52	30.1	36.81	28.77	30.27	34.86	22.5	29.04	23	*		-	
	NT2RP4000367	5.32	7.72	13.11	9.15	7.75	6.58	5.65	7.52	4.05				
	NT2RP4000370	6.13	3.8	7.29	7.4	4.81	4.6	4.29	3.27	2.44				
	NT2RP4000373	52.16	35.56	49.83	33.3	22.86	20.18	8.95	13.1	7.55	*	**	-	-
	NT2RP4000376	4.35	4.76	3.85	5.98	2.55	3.6	3.64	2.24	1.76	*		-	
	NT2RP4000381	4.21	7.62	7.46	8.53	4.41	5.48	6.16	4.44	4.11				
15	NT2RP4000388	15.3	8.64	28.13	9.56	6.37	8.78	3.98	7.28	10.59				
	NT2RP4000390	9.32	12.91	21.1	9.57	7.3	6.9	4.45	8	7.73				
	NT2RP4000393	4.73	6.04	14.2	5.91	3.76	3.4	2.49	4.28	1.61				
	NT2RP4000398	15.1	12.32	17.4	15.43	7.99	12.09	10.09	7.98	7.95	*		-	
	NT2RP4000406	6.93	7.1	10	7.22	4.81	7.48	4.73	7.43	4.16				
20	NT2RP4000407	14.2	8.65	18.86	9.39	7.38	7.23	8.05	7.66	8.08				
	NT2RP4000413	6.36	8.44	8.74	7.32	6.23	4.25	14.9	11.64	8.91				
	NT2RP4000415	5.58	6.36	5.25	8.19	3.66	6.69	6.61	5.43	4.11				
	NT2RP4000417	4.81	3.78	14.82	6.27	2.89	2.96	1.78	3.56	2.97				
	NT2RP4000423	8.56	11.85	52.11	7.59	6.28	6.14	5.59	8.25	4.46				
	NT2RP4000424	5.63	6.45	12.56	7.04	3.08	2.9	3.66	4.14	1.14				
25	NT2RP4000447	7.22	11.02	14.44	6.8	2.54	3.42	2.02	2.94	1.68	*		-	
	NT2RP4000448	10.44	4.78	12.49	7.44	5.19	4.9	2.34	3.11	4.18				
	NT2RP4000449	14.23	13.95	15.79	8.35	8.81	8.15	9.09	11.62	7.03	**	*	-	-
	NT2RP4000453	9.01	6.07	14.02	7.74	5.15	4.89	6.56	4.27	8.08				
	NT2RP4000455	9.03	10.34	8.68	7.99	5.45	3.17	4.44	4.36	4.13	**		-	
	NT2RP4000456	7.04	6.17	17.02	5.76	3.52	4.72	1.66	2.58	3.46				
30	NT2RP4000457	13.26	8.71	17.6	8.13	4.23	7.52	11.15	9.14	8.56				
	NT2RP4000461	55.44	37.43	46.46	34.13	24.48	24.96	29.53	25.44	29.5	*	*	-	-
	NT2RP4000462	42.85	30.75	56.94	75.69	50.54	40.64	52.98	43.57	42.53				
	NT2RP4000463	85.58	62.21	92.77	65.01	52.99	43.38	67.48	75.6	83.4				
	NT2RP4000471	25.28	34.12	24.81	15.24	25.16	15.87	19.6	16.58	11.2	*		-	
	NT2RP4000472	7.71	9.85	9.52	10.37	5.54	5.62	6.84	6.67	3.82				
35	NT2RP4000476	14.81	18.77	16.55	11.79	4.98	3.82	5.79	4.35	2.67	*	**	-	-
	NT2RP4000480	12.42	10.39	22.37	9.71	8.11	7.69	2.98	6.14	7.56				
	NT2RP4000481	7.17	5.4	16.93	6.71	1.97	4.16	2.54	3.59	3.12				
	NT2RP4000483	21.87	12.5	29.34	14.63	7.41	9.82	17.08	21.67	14.93				
	NT2RP4000487	11.87	8.84	15.81	9.26	6.43	6.73	8.06	10.31	7.08				
	NT2RP4000496	16.33	41.67	19.05	11.91	7.25	5.15	7.41	10.6	17.63				
40	NT2RP4000497	5.81	3.81	10.08	3.87	3.09	2.81	2.48	1.77	2.22				
	NT2RP4000498	26.54	11.6	46.3	21.94	11.56	20.83	11.71	6.48	8.74				
	NT2RP4000500	16.19	14.2	13.24	21.4	11.25	11.2	15.02	6.9	5.02				
	NT2RP4000507	14.47	9.74	21.49	11.59	12.91	17.96	12.44	18.01	18.95				
	NT2RP4000515	34.88	29.88	36.21	23.73	25.4	27.6	24.2	28.54	29.19	*		-	
	NT2RP4000516	8.8	4.78	15.95	7.22	3.73	6.26	5.56	4.23	5.23				
45	NT2RP4000517	6.93	4.39	11.92	5.6	2.28	2.95	2.26	2.51	3.47				
	NT2RP4000518	5.66	5.23	9.62	6.13	3.29	2.14	2.66	2.57	2.25	*		-	
	NT2RP4000519	11.25	13.8	9.43	7.22	5.12	6.11	9.96	4.77	2.74	*		-	
	NT2RP4000524	3.66	2.61	3.66	4.66	0.22	1.66	1.44	0.06	0.23	**		-	
	NT2RP4000528	9.85	11.61	11.68	7.98	5.49	4.94	7.65	1.72	3.24	*	*	-	-
	NT2RP4000537	22.62	26.04	23.49	9.39	8.19	12.07	6.5	9.43	12.67	**	**	-	-
50	NT2RP4000541	6.77	5.01	14.31	6.57	5.43	3.77	2.53	4.6	6.37				
	NT2RP4000543	7.3	6.98	11.29	8.27	7.56	3.29	6.55	3.66	5.22				
	NT2RP4000545	22.52	30.13	32.57	13.3	16.56	19.62	18.71	21.42	13.96	*	*	-	-
	NT2RP4000546	4.78	4.57	9.21	6.74	1.72	3.53	3.64	0.82	4.41				
	NT2RP4000549	11.61	18.79	20.98	6.99	2.21	3.33	4.79	2.09	3.96	*	*	-	-
	NT2RP4000556	15.54	16.2	17.27	7.73	3.7	5.61	5.6	2.76	4.84	**	**	-	-
55	NT2RP4000557	11.07	12.42	10.89	8.61	4	8.57	12.02	7.59	12.85				
	NT2RP4000558	14.08	10.84	18.04	10.75	6.08	12.87	11.5	16.9	20.52				
	NT2RP4000560	6.31	4.01	7.32	5.77	2.76	5.36	5.37	6.37	4.62				

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	NT2RP4000568	23.22	25.79	25.36	10.18	10.21	8.47	12.24	9.65	11.67	**	**	-	-
	NT2RP4000583	5.85	2.98	7.97	6.46	2.06	2.6	3.62	4.57	3				
5	NT2RP4000585	9.33	19	28.37	6.6	3.13	5.64	10.5	7.96	7.04				
	NT2RP4000588	7.43	10.21	10.68	6.68	2.44	1.85	5.44	2.87	5.6	*	*	-	-
	NT2RP4000590	6.55	7.08	8.76	6.12	1.79	2.53	5.82	2.45	2.62	*	*	-	-
	NT2RP4000599	40.85	42.1	36.12	25.51	13.35	23.08	24.88	16.83	13.91	*	**	-	-
	NT2RP4000603	16.26	11.07	12.79	9.86	5.09	7.92	5.61	11.76	8.02	*		-	-
	NT2RP4000607	18.04	30.52	24.32	19.53	17.65	25.01	23.84	28.13	28.14				
10	NT2RP4000614	10.28	8.25	15.91	8.83	8.89	11.93	10.16	9.95	16.38				
	NT2RP4000634	6.36	4.3	5.27	7.5	2.83	3.42	3.64	2.83	2.88	*	*	-	-
	NT2RP4000638	23.34	31.48	44.47	17.42	11.63	10.92	16.58	9.75	15.96	*	*	-	-
	NT2RP4000648	20.24	25.67	26.97	19.17	9.45	12.88	31.67	25.66	31.95	*	*	-	-
	NT2RP4000657	29.17	33.57	37.98	49.46	41.57	42.06	36.04	23.15	32.67	*	+		
	NT2RP4000691	5.59	4.16	3.63	5.96	2.37	3.18	5.01	2.34	4.68				
15	NT2RP4000697	6.38	8.16	10.53	9.34	4.77	12.75	6.26	6.22	8.11				
	NT2RP4000704	1.95	1.59	2.11	5.91	1.47	3.12	1.95	2.78	2.48				
	NT2RP4000710	20.97	14	15.55	13.68	8.51	18.99	7.53	9.31	11.22	*		-	-
	NT2RP4000713	4.84	3.26	2.49	5.57	2.13	4.31	3.32	1.62	2.08				
	NT2RP4000724	3.62	3.53	2.74	6.31	1.65	2.66	3.33	4.03	5.81				
	NT2RP4000725	3.89	2.42	3.27	6.35	1.7	3.24	4.75	1.9	3.76				
20	NT2RP4000728	11.56	10.9	20.97	12.34	10.22	7.45	16.8	22.52	15.47				
	NT2RP4000737	13.76	11.71	16.21	12.21	6.25	7.06	13.63	12.39	10.01				
	NT2RP4000739	8.74	4.93	10.91	9.95	3.76	6.63	5.46	5.27	7.1				
	NT2RP4000749	16.46	11.21	22.1	13.84	13.31	13.35	10.75	11.02	11.19				
	NT2RP4000769	9.99	10.26	18.79	12.18	3.6	7.13	3.73	5.86	6.05				
	NT2RP4000774	9.26	8.05	14.72	7.64	2.48	6.01	4.16	4.89	5.59				
25	NT2RP4000781	4.81	3.97	6.84	6.54	2.43	3.37	3.39	2.48	3.03				
	NT2RP4000783	17.33	30.73	35.46	25.7	13.51	13.28	15.68	13.86	21.97				
	NT2RP4000788	24.76	10.56	23.27	26.79	17.17	17.48	11.21	13.65	10.18				
	NT2RP4000792	5.04	4.94	10.96	8.67	1.86	4.24	2.65	4.16	5.52				
	NT2RP4000809	342.08	122.2	157.03	126.01	165.45	173.36	118.64	164.8	122.66				
	NT2RP4000817	8.94	6.91	14.48	7.71	3.01	5.35	5.37	3.63	4.85				
30	NT2RP4000821	136.37	90.35	131.55	91.69	114.89	72.17	100.95	73.86	85.69				
	NT2RP4000822	14.55	12.26	20.9	11.12	8.44	15.29	16.17	13.27	18.76				
	NT2RP4000823	2939.8	2567.2	3305.2	1530.8	2690.7	2293.4	1706.4	1550.9	2562.9				
	NT2RP4000831	78.61	54.25	90.69	72.05	94.12	99.31	70.64	58.37	82.02				
	NT2RP4000833	27.77	14.49	23.94	22.19	7.07	21.11	19.12	24.88	29.44				
	NT2RP4000837	6.72	4.87	9.85	8.02	2.92	3.66	2.57	4.16	7.79				
35	NT2RP4000839	145.23	125.82	232.83	173.61	169.29	177.66	124.91	117.96	102.54				
	NT2RP4000846	29.27	18.32	20.88	21.05	17.61	12.28	9.05	14.78	13	*		-	-
	NT2RP4000848	18.2	11.65	15.75	19.15	9.44	13.53	19	14.72	12.39				
	NT2RP4000855	6.13	7.14	11.29	10.66	4.62	6.62	4.65	3.21	3.53				
	NT2RP4000863	6.72	6.6	6.48	8.17	4.81	5.97	4.42	5.29	3.77	**		-	-
40	NT2RP4000865	45.32	26.52	38.54	39.71	38.1	49.51	43.48	35.35	41.09				
	NT2RP4000873	144.06	68.9	135.34	139.48	79.72	155.93	87.22	97.84	116.06				
	NT2RP4000874	10.17	6.06	16.44	7.29	2.79	4.52	3.81	5.9	8.53				
	NT2RP4000875	14.13	12.82	21.34	9.26	7.3	7.14	8.99	11.91	13.22	*		-	-
	NT2RP4000878	36.06	33.12	27.77	33.84	31.46	17.83	20.58	24.01	24.14	*		-	-
	NT2RP4000879	8.38	6.53	9.14	6.87	3.51	3.32	2.85	3.36	3.88	**		-	-
45	NT2RP4000880	35.09	26.71	47.85	50.74	42.76	41.2	29.03	30.06	33.07				
	NT2RP4000891	701.32	715.69	430.85	696.54	840.24	746.75	898.32	324.76	792.55				
	NT2RP4000894	21.41	14.41	21.14	15.13	8.85	12.55	11.08	19.34	17.24				
	NT2RP4000898	2.97	2.72	11.52	4.95	1.01	2.82	2.18	3.29	4.66				
	NT2RP4000899	44.53	41.78	65.07	39.31	37.51	42.09	31.81	35.26	42.89				
	NT2RP4000907	4.19	4.02	10.25	6.24	3.94	2.33	1.69	3.11	0.94				
50	NT2RP4000908	14.45	17.63	18.1	10.04	7.21	5.31	4.66	6.8	4.87	**	**	-	-
	NT2RP4000910	216.22	171.01	317.29	253.37	286.44	240.15	188.21	180.84	183.37				
	NT2RP4000918	3.56	6.94	4.06	7.07	6.01	6.89	5.32	2.08	2.17				
	NT2RP4000925	5.57	5.14	8.28	6.79	4.75	4.89	3.2	5.18	4.02				
	NT2RP4000927	3.1	2.26	4.02	4.89	1.52	0.88	2.5	1.38	1.2				
	NT2RP4000928	9.4	7.34	14.03	9.56	4.86	8.73	4.09	5.17	5.52				
55	NT2RP4000929	3.84	3.91	13.46	5.95	2.85	3.04	2.12	4.29	1.99				
	NT2RP4000946	6.59	6.92	14.08	8.15	4.03	3.77	3.48	3.97	1.29				
	NT2RP4000947	3.36	4.07	10.59	4.84	0.29	0.97	0.36	0.58	0				

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	NT2RP4000949	10.71	9.2	16.65	6.86	2.65	3.74	2.78	1.39	2.41	*	*	-	-
	NT2RP4000955	5.81	4.35	6.4	6.28	2.77	1.08	2.31	3.19	3.37	*	*	-	-
5	NT2RP4000959	46.28	46.79	57.49	28.43	49.02	25.11	20.47	30.52	16.93	**	*	-	-
	NT2RP4000962	11.98	9.47	12.39	11.59	10.69	8.83	6.01	4.92	5.77	**	*	-	-
	NT2RP4000973	21.72	16.11	23.28	13.29	14.47	13.18	9.73	13.42	15.34	*	*	-	-
	NT2RP4000975	12.7	11.46	22.76	9.51	5.19	6.19	5.82	10.95	9.25	*	*	-	-
	NT2RP4000979	15.15	9.34	21.99	15.27	12.98	9.04	9.28	10.97	8.24	*	*	-	-
	NT2RP4000984	6.41	8.08	14.46	6.57	1.97	3.73	2.22	3.31	3.09	*	*	-	-
10	NT2RP4000986	6.86	5.41	12.86	6.12	4.31	1.27	1.5	2.5	1.16	*	*	-	-
	NT2RP4000988	17.65	11.88	13.93	10.42	7.43	7.63	9.24	12.28	11.72	*	*	-	-
	NT2RP4000989	4.65	7.43	6.1	6.61	2.52	1.81	2.98	2.09	3.85	*	*	-	-
	NT2RP4000990	6.25	7.92	5.23	9.42	4.63	4.12	5.36	2.51	2.44	*	*	-	-
	NT2RP4000994	8.9	9.21	16.92	10.87	4.94	9.69	11.79	23.69	21.99	*	*	-	-
	NT2RP4000996	77.3	49.17	79.6	45.61	34.69	39.35	32.71	38.95	46.1	*	*	-	-
15	NT2RP4000997	122.55	129.24	107.05	94.09	70.8	26.94	46.25	80.17	57.14	**	*	-	-
	NT2RP4001001	12.46	18.44	15.8	14.39	8.88	9.17	8.14	8.28	5.33	*	*	-	-
	NT2RP4001004	5.22	3.76	7.06	6.01	1.06	2.64	1.83	1.39	1.05	*	*	-	-
	NT2RP4001006	13.89	13.25	17.25	8.9	7.61	7.07	7.25	6.36	7.3	**	*	-	-
	NT2RP4001009	16.48	20.86	24.07	12.83	13.33	10.38	13	7.19	7.56	*	*	-	-
20	NT2RP4001010	12.07	13.64	9.65	9.47	5.84	7.62	5.8	4.44	3.25	**	*	-	-
	NT2RP4001013	109.49	147.49	90.54	50.6	80.74	63.83	38.95	52.28	51.67	*	*	-	-
	NT2RP4001029	20.54	17.68	29.5	9.58	9.72	9.68	7.27	4.7	8.7	*	*	-	-
	NT2RP4001036	9.27	12.23	13.79	8.52	7.63	4.92	8.03	6.75	4.44	*	*	-	-
	NT2RP4001041	36.4	40.27	32.69	14.35	15.64	11.72	23.48	9.92	16.78	**	*	-	-
	NT2RP4001042	15.67	10.3	17.88	10.18	7.53	8.42	5.86	5.84	7.9	*	*	-	-
25	NT2RP4001046	36.69	45.09	54.4	22.18	26.84	16.1	31.95	24.71	14.49	*	*	-	-
	NT2RP4001050	14.02	22.04	12.83	10.97	2.91	3.84	9.37	3.59	3.94	*	*	-	-
	NT2RP4001051	21.06	26.13	23.41	17.4	11.41	16.25	15.66	11.32	18.06	*	*	-	-
	NT2RP4001057	5.02	3.25	6.98	7.18	2.13	3.82	4.33	2.83	3.14	*	*	-	-
	NT2RP4001063	6.13	4.37	7.2	7.29	2.91	4.39	2.87	3.18	3.35	*	*	-	-
	NT2RP4001064	9.3	8.96	15.17	12.02	5.98	5.07	7.19	9.48	7.97	*	*	-	-
30	NT2RP4001067	10.58	14.37	13.96	6.93	4.54	4.48	7.26	9.16	8.36	**	*	-	-
	NT2RP4001078	4	5.51	5.6	4.49	1.94	2.06	3.66	2.7	1.04	*	*	-	-
	NT2RP4001079	8.77	14.47	11.97	8.98	3.49	1.98	7.36	2.56	7.44	*	*	-	-
	NT2RP4001080	8.56	8.71	5.39	7.24	5.74	5.86	5.43	5.54	6.58	*	*	-	-
	NT2RP4001086	8.1	13.85	11.2	8.73	5.59	7.65	7.59	3.27	6.54	*	*	-	-
	NT2RP4001095	21.9	10.2	20.98	20.1	8.21	22.42	25.97	28.91	25.72	*	*	-	-
35	NT2RP4001098	9.87	7.14	14.73	8.69	4.17	6.42	4.56	7.67	4.16	*	*	-	-
	NT2RP4001100	87.64	83.13	87.53	54.87	47.17	71.93	63.14	104.74	100.86	*	*	-	-
	NT2RP4001105	4.62	5.85	6.18	8.6	3.1	3.62	2.72	2.96	3.35	**	*	-	-
	NT2RP4001110	4.35	3.52	3.95	6.4	1.65	2.39	2.86	1.95	2.46	*	*	-	-
	NT2RP4001115	9.9	15.92	16.54	12.73	4.3	5.05	12.1	7.78	11.14	*	*	-	-
40	NT2RP4001117	47.61	50.63	46.56	30.24	19.2	17.67	37.4	37.77	12.69	**	*	-	-
	NT2RP4001122	7.49	13.49	11.17	8.93	3.06	4.64	5.55	4.07	4.81	*	*	-	-
	NT2RP4001123	15.99	10.87	15.29	13.96	11.8	8.64	4.92	11.31	11.27	*	*	-	-
	NT2RP4001126	32.2	22.75	27.43	23.25	13.48	17.12	8.86	11.87	13.23	**	*	-	-
	NT2RP4001127	5.7	5.54	5.37	7.61	3.72	4.66	3.57	2.2	3.61	**	*	-	-
	NT2RP4001138	8.95	3.88	7.12	9.78	5.56	5.09	4.09	4.44	3.91	*	*	-	-
	NT2RP4001143	12.5	11.65	11.43	11.35	7.29	7.76	9.34	8.18	11.45	*	*	-	-
45	NT2RP4001148	6.15	6.48	10.09	9.86	3.88	5.87	3.55	2.98	4.94	*	*	-	-
	NT2RP4001149	10.56	12.29	14.62	14.76	6.44	4.57	8.21	6.46	7.23	*	*	-	-
	NT2RP4001150	2.08	2.58	2.6	5.53	2.21	2.02	2.86	2.61	5.29	*	*	-	-
	NT2RP4001159	28.55	18.66	30.75	17.14	15.33	13.97	7.91	12.94	18.83	*	*	-	-
	NT2RP4001162	19.05	7.92	22.71	10.51	6.28	6.36	7.29	6.36	7.28	*	*	-	-
	NT2RP4001170	4.82	3.9	7.97	5.23	1.81	3.87	2.53	3.13	2.09	*	*	-	-
50	NT2RP4001174	28.66	24.87	30.19	18.62	12.05	22.33	28.65	25.07	34.84	*	*	-	-
	NT2RP4001175	41.57	44.74	48.16	32.54	33.99	41.64	26.8	24.72	38.38	*	*	-	-
	NT2RP4001176	940.52	839.83	1091.9	860.36	609.5	960.82	721.44	858.51	780.83	*	*	-	-
	NT2RP4001184	63.86	45.01	63.95	60.3	52	64.4	59.44	58.17	76.19	*	*	-	-
	NT2RP4001198	36.14	14.18	33.12	25.99	15.11	24.84	10.23	17.15	15.95	*	*	-	-
	NT2RP4001199	7.47	5.66	10.86	10.65	3.07	4.16	4.96	7.07	8.52	*	*	-	-
55	NT2RP4001206	64.73	49.7	69.67	51.07	49.14	54.08	37.12	41.91	43.36	*	*	-	-
	NT2RP4001207	7.32	3.58	10.38	7.77	2.4	3.4	3.22	3.79	1.65	*	*	-	-
	NT2RP4001210	10.03	7.34	12.93	9.04	5.66	7.56	3.96	6.73	5.83	*	*	-	-

Table 456

	NT2RP4001213	7.81	5.05	8.73	8.57	3.73	3.8	4.8	3.72	3.86				
	NT2RP4001214	3.93	5.31	4.9	6.79	4.2	2.68	6.35	2.95	4.56				
5	NT2RP4001219	16.88	22.36	19.11	23.96	11.89	15.23	12.2	5.76	8.23	*		-	
	NT2RP4001228	31.68	26.26	28.99	28.25	18.75	24.21	24.62	30.13	29.4				
	NT2RP4001235	19.17	16.01	20.65	14.75	7.88	8.31	4.98	7.75	11.8	*	*	-	-
	NT2RP4001256	7.87	5.89	15.98	8.52	4.59	3.98	3.22	7.66	6.44				
	NT2RP4001257	10.17	7.29	12.91	9.33	4.43	6.16	4.58	7.66	4.3				
	NT2RP4001260		9	7.35	9.45	7.52	2.82	3.63	1.87	4.5	2.81	**	-	
10	NT2RP4001261	14.73	14	19.92	14.97	13.67	11.83	31.07	30.65	37.38	**	**	+	
	NT2RP4001274	46.98	48.98	34.12	11.26	8.82	9.09	7.45	6.66	5.77	**	**	-	-
	NT2RP4001276	24.77	28.67	28.03	20.15	20.05	19.84	15.05	9.27	8.86	**	**	-	-
	NT2RP4001283	274.25	154.44	255.86	208.49	145.59	283.17	127.22	121.38	88.24	*		-	
	NT2RP4001325	70.57	64.2	62.96	46.39	43.31	37.19	12.59	32.14	14.83	**	**	-	-
	NT2RP4001313	1.97	3.19	11.08	5.06	1.72	1.96	1.4	3.15	1.49				
15	NT2RP4001315	13.31	15.88	15.77	13.24	9.24	10.09	4.21	7.24	8.5	*	**	-	-
	NT2RP4001320	57.94	46.23	43.52	51.85	61.21	49.26	36.69	35.49	37.13	*		-	
	NT2RP4001325	218.13	214.83	355	324.95	260.73	208.15	240.45	201.7	209.88				
	NT2RP4001336	66.24	37.07	61.11	58.79	61.6	67.7	54.66	37.6	43.21				
	NT2RP4001339	6.71	9.24	9.26	9.34	4.49	4.79	2.82	4.96	4.68	*		-	
20	NT2RP4001343	117.66	66.55	122.62	134.91	97.85	136.86	58.06	81.43	87.93				
	NT2RP4001344	93.3	58.49	108.06	106.25	89.38	122.67	65.91	65.77	78.19				
	NT2RP4001345	8.99	7.64	17.74	11.99	4.82	6.81	4.98	6.9	5.71				
	NT2RP4001351	19.43	14.61	27.02	22.21	10.47	17.51	14.3	12.05	12.26				
	NT2RP4001353	3.32	5.15	8.01	5.72	0.75	1.22	1.09	1.47	0.82	*		-	
	NT2RP4001355	4.79	4.23	4.91	4.97	2.19	1.13	2.63	2	2.13	**		-	
	NT2RP4001367	14.2	16.94	22.96	11.42	11.61	7.99	7.87	8	4.49	*		-	
25	NT2RP4001372	4.19	2.77	5.41	7.79	3.55	1.91	2.83	1.62	2.32				
	NT2RP4001373	51.47	33.24	43.9	16.16	26.86	13.77	10.57	24.44	16.81	*	*	-	-
	NT2RP4001375	4.45	4.59	11.77	7.62	2.36	2.63	2.14	3.81	2.97				
	NT2RP4001379	5.44	4.91	12.41	7.76	2.24	3.26	2.93	5.12	3.63				
	NT2RP4001381	28.02	25.15	21.15	23.38	16.12	13.96	17.03	26.57	24.23				
30	NT2RP4001386	29.66	19.44	36.04	29.56	18.78	18.25	18.75	24.44	26.66				
	NT2RP4001389	11.24	11.58	9.87	9.26	6.9	5.34	3.69	2.72	3.74	*	**	-	-
	NT2RP4001396	5.21	4.67	8.34	6.72	2.25	1.78	3.47	3.22	1.99				
	NT2RP4001407	5.66	5.49	6.51	7.81	4.54	1.79	3.65	1.8	5.23				
	NT2RP4001409	8.48	7.57	16.74	7.93	2.96	5.53	4.77	6.78	4.46				
	NT2RP4001410	76.31	89.86	99.62	25.06	52.86	47.85	42.92	82.06	57.7	*		-	
35	NT2RP4001414	30.84	57.5	63.9	31.08	20.37	24.44	13.71	23.74	21.51		*	-	
	NT2RP4001424	11.24	11.55	15.27	11.2	4.99	6.87	6.22	6.82	6.88	**		-	
	NT2RP4001433	19.8	14.14	16.87	12.54	11.03	6.56	10.55	8.89	6.43	*	*	-	-
	NT2RP4001438	69.21	52.84	81.07	58.91	49.01	54.6	39.37	44.33	43.61	*		-	
	NT2RP4001442	7.93	5.58	7.34	6.34	2.77	3.09	4.34	2.59	3.24	*		-	
	NT2RP4001447	7.95	6.53	5.53	6.92	3.73	3.72	3.38	1.74	2	**		-	
40	NT2RP4001466	26.98	30.25	30.96	13.22	11.9	17.04	5.41	8.17	9.81	**	**	-	-
	NT2RP4001467	56.03	66.43	78.02	42.37	52.35	39.87	17.7	35.75	26.38	*	**	-	-
	NT2RP4001472	23.78	41.35	30	13.57	13.9	13.93	11.58	12.27	10.38	*	*	-	-
	NT2RP4001474	7.87	8.46	14.35	7.2	5.31	5.23	4.32	3.7	3.69	*		-	
	NT2RP4001483	6.68	4.49	11.62	7.08	3.5	3.8	3.02	2.79	3.04				
	NT2RP4001488	25.21	54.85	68.89	28.07	36.56	22.06	36.35	46.46	23.9				
45	NT2RP4001492	10.33	5.85	8.11	7.33	2	4.79	7.35	5.55	5.24				
	NT2RP4001498	7.69	4.58	4.14	7.14	3.13	3.73	4.3	3.05	2.12				
	NT2RP4001502	209.76	206.24	150.31	118.11	105.88	95.3	44.44	56.95	57.25	*	**	-	-
	NT2RP4001503	7.44	8.32	13.64	9.66	7.22	6.9	4.97	6.76	6.61				
	NT2RP4001507	13.79	9.83	18.56	10.78	5.48	8.77	10.23	16.21	17.48				
	NT2RP4001510	5.75	3.91	6.87	6.33	3.38	4.41	4.72	4.9	4.63				
50	NT2RP4001516	8.14	6.69	9.41	7.53	2.26	3.8	4.88	3.25	3.25	*		-	
	NT2RP4001520	131.31	173.55	237.05	131.12	129.89	116.61	94.53	82.4	103.86				
	NT2RP4001523	33.88	38.97	38.29	18.41	8.08	12.46	21.96	12.77	13.03	**	**	-	-
	NT2RP4001524	21.05	28.36	29.26	13.82	9.16	8	8.02	5.86	9.68	**	**	-	-
	NT2RP4001529	19.64	17.51	18.7	21.14	10.37	22.92	12.83	17.42	17.09				
	NT2RP4001531	12.2	10.44	17.59	14.87	8.44	10.35	9.15	12.78	10.56				
55	NT2RP4001546	200.55	317.08	217.26	217.42	252.35	233.58	165.76	290.78	247.68				
	NT2RP4001547	50.85	72.72	70.29	50.48	41.66	51.65	70.8	75.31	63.14				
	NT2RP4001551	5.28	7.23	6.07	6.96	2.03	2.81	2.74	2.79	2.73	**		-	

Table 457

	NT2RP4001555	5.61	4.66	4.41	6.85	1.41	2.54	5.43	2.64	2.46			
	NT2RP4001567	14.43	18.57	12.18	9.17	4.93	4.07	5.01	3.84	5.68	*	**	-
5	NT2RP4001568	20.92	33.87	32.23	19.47	17.65	14.08	25.04	13.01	8.31			
	NT2RP4001569	38.32	29.49	40	37.57	26.2	39.13	21.18	30.23	30.47			
	NT2RP4001571	15.01	7.71	15.89	14.4	7.44	9.88	7.38	9.18	8.27			
	NT2RP4001574	25.53	25.21	25.8	22.48	16.52	21.02	13.78	20.38	15.43	*	*	-
	NT2RP4001575	5.89	6.11	13.99	11.72	4.86	9.13	5.91	5.72	3.19			
	NT2RP4001578	138.32	156.83	176.17	106.73	98.03	117.94	140.07	117.64	162.41	*		-
10	NT2RP4001592	9.9	23.21	17.14	17.16	3.08	11.08	13.53	10.53	12.39			
	NT2RP4001593	39.07	48.78	46.75	25.68	17.84	15.12	20.23	20.2	20.66	**	**	-
	NT2RP4001605	8.89	11.75	9.28	6.36	2.98	4.4	4.38	3.06	5.09	*	**	-
	NT2RP4001606	18.77	11.14	16.78	12.15	11.21	15.99	4.83	13.12	16.6			
	NT2RP4001607	6.86	5.47	8.59	11.52	4.98	6.05	4.83	4.03	5.51			
	NT2RP4001610	3.61	1.38	4	7.17	1.24	4.9	2.72	3.85	3.06			
15	NT2RP4001614	9.32	7.4	5.36	10.94	2.88	8.46	8.3	5.56	6.1			
	NT2RP4001623	4.1	3.9	7.53	8.2	4.59	6.06	6.02	5.72	5.27			
	NT2RP4001626	25.96	32.39	24.45	30.25	8.64	19.85	8.25	9.34	7.78	**		-
	NT2RP4001634	5.5	5.13	5.73	8.25	3.86	4.21	6.58	3.67	4.85			
	NT2RP4001638	6.66	10.41	10.2	8.73	4.08	5.57	10.07	5.59	6.69			
20	NT2RP4001644	54.14	31.27	53.8	60.84	32.15	47.2	22.38	29.74	30.92			
	NT2RP4001646	19.49	10.73	26.93	21.07	12.28	14.22	11.82	16.28	16.41			
	NT2RP4001656	13.27	8.07	17.13	8.91	6.79	8.31	7.24	7.86	6.43			
	NT2RP4001666	5.12	4.37	7.8	6.14	1.29	4.07	3.21	5.08	2.86			
	NT2RP4001670	3.97	4.22	8.36	10.93	2.63	2.89	3.57	4.05	2.82			
	NT2RP4001677	60.48	67.97	86.27	37.88	33.85	40.42	60.13	40.04	66.44	*		-
25	NT2RP4001679	63.4	46.03	74.85	69.08	70.96	72.54	80.35	59.3	58.1			
	NT2RP4001695	25.41	48.09	50.45	43.83	20.99	24.93	40.69	28.74	39.61			
	NT2RP4001696	10.8	7.02	11.48	9.54	3.39	6.61	2.58	6.02	6.23			
	NT2RP4001699	7.34	4.14	12.45	8.78	2.82	5.44	4.48	5.75	8.17			
	NT2RP4001717	14.1	8.06	13.01	8.07	5.02	5.29	6.3	4.01	4.24	*		-
	NT2RP4001719	12.35	7.72	11.2	8.9	5.51	7.17	4.84	7.79	6.21			
30	NT2RP4001725	3.63	2.94	5.27	5.13	1.69	2.36	2.09	2.38	2.12			
	NT2RP4001726	27.43	19.04	36.39	17.49	15.05	17.67	16.15	9	13.24			
	NT2RP4001730	17.07	14.23	28.12	18.8	22.34	22.39	15.23	16.15	19.5			
	NT2RP4001739	13.08	27.52	18.78	28.99	19.24	16.38	17.13	15.51	14.38			
	NT2RP4001741	36.21	33.9	43.76	24.77	17.24	19.76	19.65	43.11	31.46	**		-
	NT2RP4001753	17.2	14.59	16.48	7.48	4.99	6.73	3.91	7.96	13.47	**		-
35	NT2RP4001760	8.36	7.54	12.21	7.55	2.73	5.75	3.77	6.5	5.81			
	NT2RP4001787	449.13	316.48	382.02	579.25	624.67	556.76	483.34	493.96	418.4	**	+	-
	NT2RP4001790	7.47	3.89	8.52	8.8	3.39	5.62	4.59	3.58	5.07			
	NT2RP4001795	63.42	46.97	73.29	43.26	32.42	28.05	20.69	20.32	20.73	*	**	-
	NT2RP4001803	8.84	7.88	10.54	9.34	4	5.93	4.96	3.55	3.59	**		-
	NT2RP4001805	5.95	5.69	10.38	8.15	3.79	5.46	9.95	6.17	7.95			
40	NT2RP4001809	55.79	43.66	54.44	43.11	38.36	44.76	37.5	36.54	53.86			
	NT2RP4001817	34.65	23.28	22.77	22.82	15.26	16.99	9.01	16.13	16.73	*		-
	NT2RP4001822	6.52	3.81	10.26	6.23	2.19	2.7	2.67	9.77	2.8			
	NT2RP4001823	3.6	2.46	7.23	4.29	1.65	1.68	0.91	2.7	2.37			
	NT2RP4001827	92.63	82.49	90.1	26.32	25.71	23.6	20.01	17.73	25.06	**	**	-
	NT2RP4001828	61.47	38.75	56.29	48.73	53.93	46.7	40.24	45.94	36.84			
45	NT2RP4001836	44.8	31.89	48.09	43.58	41.3	52.3	39.14	27.95	48.98			
	NT2RP4001838	6.15	7.83	5.55	9.67	6.83	8.27	7.38	14.64	4.59			
	NT2RP4001841	120.68	83.99	187.16	139.43	130.99	191.28	92.44	82.4	82.84			
	NT2RP4001849	5.44	4.67	11.88	5.66	3.18	2.21	2.03	4.71	2.38			
	NT2RP4001861	120.57	86.96	121.65	102.03	95.48	118.7	109.17	140.23	134.58			
	NT2RP4001877	47.77	41.26	29.9	28.86	24.84	22.31	17.4	14.34	21.88	*		-
50	NT2RP4001879	28.67	26.1	20.85	19.88	15.94	14.99	7.59	15.66	4.85	*	*	-
	NT2RP4001889	38.95	24.39	36.19	23.27	20.66	27.73	35.61	41.13	33.21			
	NT2RP4001893	6.77	8.6	11.58	7.5	6.4	5.73	3.91	4.94	4.11	*		-
	NT2RP4001896	20.14	21.68	20.53	23.47	19.99	18.99	15.61	11.88	13.51	**		-
	NT2RP4001898	54.69	54.01	78.1	65.84	57.05	63.77	28.3	45.74	52.57			
	NT2RP4001901	17.19	14.63	24	14.51	10.05	13.25	15.49	18.92	20.72			
55	NT2RP4001910	121.38	105.48	128.54	129.33	152.14	104.65	69.31	116.85	87.82			
	NT2RP4001925	17.35	19.33	26.78	14.34	7.91	7.52	5.99	7.67	6.41	*	**	-
	NT2RP4001926	13.94	13.08	14.09	14.02	5.92	2.48	4.72	6.01	4.66	**		-

Table 458

	NT2RP4001927	22.95	20.54	20.03	14.02	11.73	7.04	7.86	6.56	6.03	*	**	-	-
	NT2RP4001931	31.71	30.66	39.53	15.12	11.86	11.1	6.42	8.14	7.84	**	**	-	-
5	NT2RP4001933	124.92	135.92	123.56	117.23	83.52	79.43	61.4	54.06	63.46		**	-	-
	NT2RP4001938	21.23	9.61	28.3	17.33	8.99	14.74	12.02	19.38	17.02			-	-
	NT2RP4001942	40.71	46.99	41.11	32.73	26.67	27.19	19.11	35.23	32.36	**		-	-
	NT2RP4001945	3.45	3.93	9.62	6.08	1.55	2.05	2.15	2.81	1.6		*	-	-
	NT2RP4001946	10.3	8.04	13.38	10.29	3.79	3.79	3.46	4.08	3.41		*	-	-
	NT2RP4001947	16.45	15.77	21.11	11.34	9.6	7.02	4.68	3.24	4.94	*	**	-	-
10	NT2RP4001950	5.04	4.87	6.27	6.87	2.41	1.7	3	2.63	1.3		*	-	-
	NT2RP4001953	26.47	19.18	22.05	22.48	9.35	15.94	17.83	14.03	17.8			-	-
	NT2RP4001966	6.74	6.56	3.55	6.86	3.2	2.07	1.97	1.5	1.8		*	-	-
	NT2RP4001970	7.84	6.46	14.19	9.16	3.49	5.37	2.96	4.43	3.21			-	-
	NT2RP4001975	16.36	22.03	28.3	17.31	12	7.09	9.7	16.29	13.08			-	-
	NT2RP4001988	38	36.95	48.12	29.2	31.09	30.9	21.07	21.03	23.16	*	**	-	-
15	NT2RP4001996	24.73	23.55	24.27	15.39	14.66	5.03	8.32	9.1	9.68	*	**	-	-
	NT2RP4002014	11.39	15.95	16.62	10.15	7.55	6.98	8.4	7.61	5.52	*	*	-	-
	NT2RP4002018	16.73	14.11	11.76	12.16	9.31	11.09	15.09	12.65	8.98			-	-
	NT2RP4002035	5.82	5.03	4.44	7.72	3.9	4.37	5.69	2.8	2.78			-	-
	NT2RP4002043	18.95	25.2	14.18	17.22	10	14.87	15.39	7.04	10.89			-	-
	NT2RP4002046	24.11	28.29	25.84	19.27	12.78	20.33	11.41	17.55	17.78	*	*	-	-
20	NT2RP4002052	12	15.65	20.88	9.3	9.08	6.85	4.02	3.61	4.24	*	**	-	-
	NT2RP4002056	153.48	150.03	95.32	64.65	34.92	59.97	51.1	38.55	53.86	*	*	-	-
	NT2RP4002057	40.68	39.2	39.83	19.31	30.56	26.73	27.83	37.55	52.18	*	*	-	-
	NT2RP4002058	17.65	14.46	13.17	10.87	3.28	4.52	5.26	2.89	2.9	*	**	-	-
	NT2RP4002064	5.15	7.64	7.19	5.68	1.88	1.94	2.82	1.16	2.09	**		-	-
25	NT2RP4002071	19.67	23.04	16.87	12.91	7.48	6.56	8.07	4.85	9.75	*	**	-	-
	NT2RP4002075	4.49	2.91	8.1	6.42	3.43	5.27	3.76	2.11	2.28			-	-
	NT2RP4002078	19.28	11.77	21.52	11.04	6.62	7.49	7.2	13.73	14.2	*		-	-
	NT2RP4002081	26.93	23.83	24.19	19.25	16.65	23.73	20.7	21.48	20.63	*	*	-	-
	NT2RP4002083	12.48	9.47	12.44	9.18	6.34	7.57	7.79	10.15	9.98	*		-	-
	NT2RP4002099	4.69	4.27	5.09	6.55	1.89	1.66	2.86	2.04	1.79	**		-	-
30	NT2RP4002106	48.22	85.51	111.5	22.9	29.06	16.21	28.91	8.21	26.28	*	*	-	-
	NT2RP4002111	21.8	28.93	25.95	13.09	13.73	11.32	21.21	10.01	16.62	**		-	-
	NT2RP4002112	18.8	22.05	20.04	17.73	8.26	13.72	15.37	6.12	8.09	*		-	-
	NT2RP4002116	131.42	129.9	145.31	124.89	86.8	130.87	116.59	193.03	130.26			-	-
	NT2RP4002122	9.21	7.05	12.08	10.75	5.68	5.1	3.65	7.4	5.23			-	-
	NT2RP4002126	16.25	10.45	26.23	9.01	12.04	10.44	10.14	17.51	8.7			-	-
35	NT2RP4002133	59.92	73.72	76.82	61.59	43.1	56.16	80.78	84.66	86.01			-	-
	NT2RP4002136	12.24	16.73	29.34	16.04	8.23	7.86	20.93	16.43	17.62			-	-
	NT2RP4002139	65.39	168.51	135.79	98.21	29.79	27.09	86.97	65.15	29.84			-	-
	NT2RP4002174	10.15	13.02	11.19	12.5	4.36	7.32	8.88	11.55	11.53			-	-
	NT2RP4002185	23.38	25.82	19.72	13.23	6.3	10.39	10.9	7.33	11.09	**	**	-	-
	NT2RP4002186	16.88	7.65	12.65	11.9	7.3	14.74	12.63	14.18	17.64			-	-
40	NT2RP4002187	28.59	22.57	36.35	26.74	19.36	12.02	11	23.37	23.58			-	-
	NT2RP4002188	5.08	7.53	8.31	11.66	6.59	7.86	4.55	4.87	6.3			-	-
	NT2RP4002199	5.25	3.74	5.62	11.93	2.92	3.8	2.79	4.05	2.9			-	-
	NT2RP4002206	3.81	1.86	2.83	8.57	1.99	1.73	3.4	4.64	3.09			-	-
	NT2RP4002210	5.45	3.2	5.65	5.42	1.97	2.98	3.71	3.22	3.36			-	-
	NT2RP4002222	6.38	6.14	7.04	6.83	3.57	3.25	6.5	5.55	8.67			-	-
45	NT2RP4002241	19.38	17.71	14.08	18.19	11.3	8.8	22.47	17.63	22.91			-	-
	NT2RP4002248	35.82	21.31	27.47	30.46	20.08	26.03	19.35	24.1	27.06			-	-
	NT2RP4002250	1.58	1.78	7.25	3.8	1.3	0.25	0.61	0.65	1.92			-	-
	NT2RP4002259	5.84	5.18	13.48	7.69	2.79	5.42	4.19	2.88	3.6			-	-
	NT2RP4002268	35.43	25.77	32.22	22.21	30.41	16.71	15.9	32.72	23.26			-	-
50	NT2RP4002283	22.95	20.57	22.28	19.59	16.95	19.16	16.63	15.69	17.98	*	**	-	-
	NT2RP4002290	13.7	13.76	25.96	11.44	11.61	14.66	7.05	8.48	10.18			-	-
	NT2RP4002298	10.23	12.39	16.74	11.6	8.3	6.18	9.56	4.97	3.02			-	-
	NT2RP4002306	15.16	15.97	20.14	18.18	10.48	11.51	13.4	11.06	13.62			-	-
	NT2RP4002308	8.45	5.65	13.02	8.55	4	9.83	3.47	4.84	5.83			-	-
	NT2RP4002336	36.27	19.86	28.94	13.28	11.25	15.46	7.56	12.49	16.8	*	*	-	-
	NT2RP4002340	2.84	2.81	9.7	4.27	0.88	0.87	1.22	1.79	3.04			-	-
55	NT2RP4002361	9.6	7.94	13.29	10.99	5.46	5.57	5.78	8.11	5.48			-	-
	NT2RP4002367	2.79	2.88	7.18	5.28	1.95	2.56	3.24	1.85	1.33			-	-
	NT2RP4002368	24.08	18.92	33.22	37.33	27.57	13.68	19.74	22.15	15.46			-	-

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	NT2RP4002377	39.07	34.91	52.74	47.19	54.21	38.25	54.01	36.88	39.01			
	NT2RP4002408	8.23	10.17	7.33	8.55	4.11	5.54	5.29	2.67	3.53	*		-
	NT2RP4002425	16.72	9.87	22.95	18.36	10.72	16.61	14.74	22.3	29.56			
5	NT2RP4002432	134.52	97.55	162.62	149.32	142.05	170.39	110.43	102.21	77.71			
	NT2RP4002447	15.99	16.51	16.61	15.14	7.55	8.09	7.58	13.4	16.29			
	NT2RP4002451	15.11	13.46	19.12	12.6	10.1	7.99	7.15	14.07	11.51			
	NT2RP4002461	94.61	109.24	116.21	78.57	91.21	74.75	80.34	65.93	74.08	*	*	-
	NT2RP4002486	16.89	12.32	16.5	14.11	11.37	5.17	6.32	4.06	4.53	**		-
10	NT2RP4002517	13.38	14.55	13.22	12.72	9.03	11.46	10.8	6.18	8.61	*		-
	NT2RP4002556	14.42	18.7	14.04	18.8	13.59	13.31	16.09	6.06	5.52			
	NT2RP4002569	16.26	11.41	27.18	13.33	6.98	10.11	3.13	6.78	11.56			
	NT2RP4002587	4.28	5.9	13.49	5.9	21.35	3.55	2.37	3.48	4.03			
	NT2RP4002591	11.21	8.73	16.61	10.63	3.25	5.39	2.62	6.98	4.42	*		-
	NT2RP4002607	7.19	4.54	8.62	7.82	4.54	6.78	3.93	3.64	3.85			
15	NT2RP4002627	129.04	84.31	131.91	123.08	121.1	113.29	100.69	103.33	117.09			
	NT2RP4002628	23.42	19.42	25.54	15.3	10.07	9.36	10.28	14.93	5.74	*	*	-
	NT2RP4002630	34.52	45.14	38.61	24.65	19.47	21.97	38.2	24.12	21.41	**		-
	NT2RP4002639	69.58	58.92	77.5	92.97	83.99	82.67	76.62	44.55	74.09	*	+	
	NT2RP4002641	10.87	7.59	20.93	9.6	5.64	6.42	5.77	9.03	8.9			
	NT2RP4002658	167.82	202.75	171.29	210.71	275.39	155.29	113.71	313.1	177.93			
20	NT2RP4002669	11.89	14.59	18.31	13.81	8.54	6.37	6.6	13.8	11.32			
	NT2RP4002677	38.73	39.84	49.87	21.84	19.97	14	8.4	12.92	7.79	**	**	-
	NT2RP4002715	60.14	28.66	66.85	78.28	49.48	49.64	41.22	48.79	51.15			
	NT2RP4002750	5.11	4.54	6.02	5.02	2.86	2.29	1.61	2.5	1.93	**		-
	NT2RP4002784	13.9	15.39	21.97	16.43	16.29	10.56	10.51	11.54	8.19			
	NT2RP4002791	19.14	16.24	15.43	15.81	11.98	5.79	6.28	6.12	6.25	**		-
25	NT2RP4002811	7.07	4.03	15.62	8.02	4.02	6.88	1.73	4.87	5.66			
	NT2RP4002830	22.24	23	26.1	14.14	12.81	9.89	5.49	12.55	7.49	**	**	-
	NT2RP4002832	6.62	7.2	10.83	9.33	4.27	5.54	7.23	5.78	6.45			
	NT2RP4002850	120.6	112.69	112.51	87.95	73.32	75.57	95.07	111.13	108.7	**		-
	NT2RP4002874	8.25	8.24	13.89	8.67	2.89	3.54	1.21	3.45	2.95	*		-
30	NT2RP4002884	89.55	83.99	93.99	87.7	70.28	83.78	63.11	54.66	68.06	**		-
	NT2RP4002888	6.66	8.16	10.03	7.45	4.69	3.72	4.86	3.64	2.94	*		-
	NT2RP4002891	19	20.18	21.15	16.8	8.39	11.91	12.08	8.99	11.53	*	**	-
	NT2RP4002894	39.86	38.92	34.99	21.18	28.78	22.86	11.88	16.42	39.6	*		-
	NT2RP4002896	7.81	11.66	17.8	10.13	3.4	6.5	5.01	4.37	5.08			
	NT2RP4002905	5.89	3.63	14.35	7.98	3.09	2.98	3	5.21	1.93			
	NT2RP4002907	14.82	12.9	19.78	10.14	7.04	6.74	11.86	12.75	9.47	*		-
35	NT2RP5003459	437.62	468.29	451.9	449.8	544.78	414.46	466.17	464	478.88			
	NT2RP5003461	21.93	17.54	18.05	12	9.18	10.65	7.44	6.63	4.58	**	**	-
	NT2RP5003471	52.72	62.97	42.21	31.11	21.1	25.12	46.83	20.37	35.04	*		-
	NT2RP5003477	5.7	3.4	3.74	5.93	3.44	2.66	3.17	2.23	2.28			
	NT2RP5003487	1749.6	1957.3	1778.8	1241.4	1573.1	1807.7	1562.4	2343.9	2243.6			
40	NT2RP5003492	6.08	6.5	15.88	6.67	3.98	3.96	2.59	3.25	1.92			
	NT2RP5003500	4.26	2.52	9.75	6.65	2.34	2.66	2.29	2.53	3.57			
	NT2RP5003506	10.49	9.24	16.38	12.74	8.52	9.22	9.69	9.29	9.27			
	NT2RP5003512	6.99	7.06	8.63	5.95	2.46	3.36	2.76	2.88	3.49	*	**	-
	NT2RP5003522	10.07	9.26	8.55	5.18	3.12	3	5.35	1.85	3.07	**	**	-
	NT2RP5003524	6.44	9.05	5.63	7.13	1.41	1.72	4.66	2.23	3	*		-
45	NT2RP5003527	117.46	141.32	115.3	136.41	95.19	117.09	134.61	57.44	67			
	NT2RP5003531	24.59	24.67	34.31	22.85	17.67	26.56	12.06	25.82	35.99			
	NT2RP5003534	6.96	7.88	13.1	6.91	5.36	2.92	2.47	4.02	3.38	*		-
	NT2RP6000020	19.43	27.72	47.01	19.42	30.65	12.46	29.24	22.48	15.27			
	NT2RP6000022	13.58	7.81	13.25	8.64	4.5	5.83	7.1	5.5	4.05	*		-
	NT2RP6000050	5.27	8.58	7.67	6.81	3.59	4.26	5.19	3.06	5.18			
50	NT2RP6000063	5.9	4.93	5.56	6.03	1.07	1.6	2.56	2.13	3.15	**		-
	NT2RP6000074	10.12	8.88	7.2	8.89	3.35	3.32	4.76	3.03	4.96	*		-
	NT2RP6000083	36.48	50.53	36.06	34.94	19.9	25.84	29	16.57	36.99			
	NT2RP6000100	9.33	8.85	11.79	8.7	3.93	5.47	3.33	5.54	5.88	*		-
	NT2RP6000123	7.59	5.31	8.35	10.56	5.66	4.44	3.17	5.91	3.98			
	NT2RP6000129	4.7	6.51	7.04	5.86	2.6	3.34	4.3	7.17	3.53			
55	NT2RP6000147	23.98	19.21	18.37	28.9	18.17	21.68	18.73	17.92	16.85			
	NT2RP6000163	6.02	5.5	6.17	6.66	2.33	2.81	2.76	2.24	3.12	**	**	-
	NT2RP6000181	31.82	37.36	38.55	11.76	5.01	6.27	13.35	6.28	18.64	**	**	-

Table 460

	NT2RP6000182	11.67	12.98	10.81	11.27	4.67	4.19	7.63	8.13	8.65	**	-
	OVARC1000001	10.18	10.98	7.82	10.48	3.67	5.27	8.05	6.3	4.32		
	OVARC1000003	19.46	16.04	21.53	24.56	18.39	28.35	24.31	27.93	25.27	*	+
5	OVARC1000004	154.65	161.68	111.37	257.56	204.62	269.89	148.7	142.43	153.8	*	+
	OVARC1000006	8.96	9.17	13.23	12.36	9.89	7.09	8.46	11.94	16.91		
	OVARC1000013	12.84	15.42	21.83	13.5	7.52	11.75	8.01	7.31	7.45	*	-
	OVARC1000014	9.51	5.51	9.75	8.67	3	2.57	4.2	4.5	5.23		
	OVARC1000017	7.8	10.89	11.1	9.23	5.72	5.56	7.08	8.83	7.59		
10	OVARC1000026	39.97	98.56	58.17	35.12	21.04	21.52	23	21.16	19.52		
	OVARC1000035	53.62	63.74	56.85	49.18	30.89	52.6	44.01	25.83	35.4	*	-
	OVARC1000037	44.18	27.1	33.64	21.27	17.7	36.96	22.76	28.28	23.56		
	OVARC1000058	21.2	16.03	18.93	19.43	6.93	18.25	18.85	19.08	20.93		
	OVARC1000060	8.69	7.53	9.42	11.74	4.69	15.1	7.86	12.81	10.28		
	OVARC1000068	11.63	6.29	9.06	11.58	8.06	9.18	6.71	8.97	7.36		
15	OVARC1000069	130.28	91.82	110.55	138.44	48.02	81.99	34.87	114.87	91.52		
	OVARC1000071	4.7	2.59	5.56	6.14	1.28	3.78	7.5	3.79	3.09		
	OVARC1000075	608.15	715.16	979.97	596.89	401.8	521.41	1505.9	1295.8	1454	**	+
	OVARC1000083	31.41	22.53	32.47	28.89	10.2	12.73	23.7	17.6	16.65		
	OVARC1000085	150.84	132.35	115.14	65.66	79.36	104.26	57.87	55.95	46.39	*	-
	OVARC1000086	21.41	22.84	29.16	11.19	16.67	9.71	14.87	19.23	16.21	*	-
20	OVARC1000087	5.75	4.1	5.37	4.05	5.46	2.99	2.78	3.2	3.4	*	-
	OVARC1000090	32.43	34.99	39.46	22.05	34.29	19.79	30.39	42.7	35.58		
	OVARC1000091	19.21	16.58	18.4	9.39	12.78	9.69	3.97	5.82	3.09	**	-
	OVARC1000092	12.38	12.28	20.09	9.9	9.89	8.91	11.14	12.55	9.97	**	-
	OVARC1000105	143.72	148.63	164.07	88.33	70.71	97.62	141.54	139.36	177.6	**	-
	OVARC1000106	56.13	50.31	43.64	33.71	26.64	28.64	25.97	22.43	26.91	**	-
25	OVARC1000109	41.67	37.23	42.5	18.44	22.06	21.86	20.05	26.41	16.1	**	-
	OVARC1000113	24.72	16.19	25.29	12.07	22.86	8.51	9.56	13.5	7.9	*	-
	OVARC1000114	20.78	17.23	18.89	9.6	15.6	9.38	19.16	20.46	17.77	*	-
	OVARC1000133	17.57	29.71	58.68	7.88	21.62	13.9	11.06	7.62	51.45		
	OVARC1000137	26.29	21.24	32.71	19.41	23.84	21.06	17.64	15.76	21.29		
30	OVARC1000139	159.47	147.34	170.25	146.09	161.46	121.94	114.2	86.17	91.75	**	-
	OVARC1000145	5.46	5.11	5.9	4.05	7.97	2.4	2.98	4.01	3.61	**	-
	OVARC1000148	26.75	26.35	26.82	10.67	7.97	11.29	11.04	13.8	10.7	**	-
	OVARC1000151	10.96	7.69	7.49	4.61	6.76	7.44	5.23	9.46	5.82		
	OVARC1000157	131.87	72.71	159.16	28.64	46	29.09	32.55	30.3	35.03	*	-
	OVARC1000162	5.48	6.74	10.66	5.09	8.45	3.6	3.17	7.57	4.35		
35	OVARC1000168	20.5	23.24	26.19	11.56	15.79	12.79	11.3	16.45	13.91	**	-
	OVARC1000169	67.7	69.5	69.91	59.55	32.42	51.67	35.89	25.97	33.69	**	-
	OVARC1000178	7.01	7.74	9.93	3.35	8.16	5.02	5.67	3.4	4.49	*	-
	OVARC1000182	6.26	2.63	4.45	2.72	4.87	3.13	2.7	3.24	3.81		
	OVARC1000186	14.26	11.19	12.68	6.9	8.25	3.97	5.99	5.56	7.72	*	-
	OVARC1000188	19.42	11.08	15.15	6.26	7.14	4.44	6.66	6.47	9.02	*	-
40	OVARC1000191	10.3	6.61	7.55	5.45	7.49	3.47	4.08	6.65	4.21		
	OVARC1000199	22.01	20.32	21.51	13.28	15.24	8.22	13.24	17.04	19.28	*	-
	OVARC1000208	131.85	125.05	141.2	106.48	130.32	109.42	107.54	141.64	112.43		
	OVARC1000209	37.5	42.42	46.9	35.76	48.15	33.79	26.69	26.98	20.75	**	-
	OVARC1000212	14.17	16.96	15.84	10.34	14.11	8.11	6.32	5.07	5.47	**	-
	OVARC1000216	7.5	5.29	9.53	2.31	4.11	1.95	4.22	3.32	1.67	*	-
45	OVARC1000240	30.72	25.44	20.48	13.87	16.01	11.11	15.84	21.45	17.35	*	-
	OVARC1000241	9.83	9.47	8.6	4.52	5.75	4.08	4.87	6.55	6.44	**	-
	OVARC1000249	12.5	10.38	14.17	6.99	8.18	4.94	7.53	30.07	10.99	*	-
	OVARC1000254	211.04	164.08	171.72	162.84	218.18	173	104.59	109.93	114.49	**	-
	OVARC1000255	8.62	6.5	15.01	2.8	3.3	2.22	1.58	8.88	3.88	*	-
	OVARC1000267	41.48	57.68	54.05	22.69	31.39	23.55	19.25	28.77	21.42	*	-
50	OVARC1000275	6.58	9.72	13.14	1.2	3.21	1.15	3.78	4.58	2.47	*	-
	OVARC1000287	20.12	19.59	19.09	8.41	13.5	9.21	9.7	16.66	9.51	**	-
	OVARC1000288	34.41	32.21	34.44	10.93	20.1	12.59	9.34	11.6	15.85	**	-
	OVARC1000298	37.89	35.05	40.4	26.93	41.61	26.19	16.03	19.69	20.76	**	-
	OVARC1000302	10.27	8.52	8.63	3.64	6.33	2.17	4.38	8.26	6.64	*	-
	OVARC1000304	13.52	8.67	11.83	6.89	9.55	6.81	7.04	9.75	5.89		
55	OVARC1000307	9.2	9.65	13.33	4.99	7.9	7.07	7.34	4.85	4.2	*	-
	OVARC1000309	10.77	7.81	10.14	3.65	4.52	3.3	3.45	4.14	3.51	**	-
	OVARC1000312	38.52	63.36	48.96	16.29	39.99	22.16	11.44	23.2	11.33	*	-

Table 461

	OVARC1000313	31.08	25.28	22.97	16.65	33.34	16.32	7.95	14.64	16.92	*	-
	OVARC1000321	95.57	70.17	108.42	49.21	78.85	36.91	71.72	84.76	66.41	**	-
5	OVARC1000326	9.36	7.55	9.19	5.69	4.73	3.83	2.8	4.95	2.81	**	-
	OVARC1000327	9.64	6.54	7.7	4.58	5.69	4.67	3.24	3.34	3.39	*	-
	OVARC1000331	31.51	26.56	17.69	20.2	32.18	25.32	7.77	12.73	9.94	*	-
	OVARC1000335	10.5	10.92	9.98	3.56	6.12	5.55	3.62	2.51	3.12	**	-
	OVARC1000347	22.28	19.59	19.77	14.38	17.51	15.31	11.64	10.94	10.7	*	-
	OVARC1000348	9.03	9.66	11.56	3.27	3.92	2.72	2.5	3.43	2.51	**	-
10	OVARC1000363	17.67	18.03	15.99	8.09	14.09	9.86	7.93	4.93	7.38	*	-
	OVARC1000377	9.05	5.89	9.25	3.23	6.62	3.71	2.88	2.47	4.83	*	-
	OVARC1000382	11.38	10.29	10.44	4.87	5.92	3.1	5	4.78	5.93	**	-
	OVARC1000384	15.04	16.77	12.96	3.9	4.19	3.88	3.11	4.29	3.9	**	-
	OVARC1000401	12.88	8.81	11.8	7.36	8.78	6.88	5.26	4.94	4.67	**	-
	OVARC1000406	452.57	396.91	414.58	242.32	241.63	222.43	202.53	242.65	184.03	**	-
15	OVARC1000407	11.18	13.52	12.76	4.82	6.15	3.43	3.77	3.81	3.74	**	-
	OVARC1000408	143.25	152.71	130.24	110.8	163.58	95.03	87.98	95.98	86.83	**	-
	OVARC1000410	12.11	11.07	15.74	6.71	11.27	6.87	6.11	5.6	3.42	**	-
	OVARC1000411	11.28	8.14	7.71	4.73	4.82	3.45	4.09	4.41	4.68	*	-
	OVARC1000414	15.72	17.28	11.48	7.59	8.9	10.02	14.36	14.47	14.88	*	-
20	OVARC1000420	11.3	11.1	10.67	5.43	7.49	5.25	8.15	6.28	6.64	**	-
	OVARC1000421	21.51	18.12	14.96	8.48	10.6	6.1	8.22	6.83	7.06	*	-
	OVARC1000427	255.84	237.66	229.09	230.15	286.16	201.09	155.75	128.13	139.78	**	-
	OVARC1000431	86.97	107.76	104.05	53.83	76.2	48.18	31.1	18.06	18.56	*	-
	OVARC1000437	18.7	18.85	16.29	10.2	15.26	9.01	9.96	5.69	8.45	*	-
	OVARC1000439	14.55	21.25	13.48	9.92	17.37	9.21	5.66	5.66	4.06	*	-
25	OVARC1000440	37.93	36.45	33.24	14.99	19.86	14.94	10.14	8.93	10.09	**	-
	OVARC1000442	47.65	39.77	34.86	17.92	25.44	19.14	36.52	26.4	37.91	*	-
	OVARC1000443	9.63	12.52	9.02	8.56	33.14	5.66	16.38	5.13	9.47	*	-
	OVARC1000461	8.43	5.22	4.46	4.04	5.64	3.64	3.41	4.7	3.49	*	-
	OVARC1000465	13.05	12.4	8.82	5.16	5.82	3.89	4.59	3.18	2.41	*	-
	OVARC1000466	22.78	19.36	18.72	10.66	17.86	12.45	11.65	7.24	8.12	**	-
30	OVARC1000467	8.03	5.77	8.99	2.45	3.8	2.2	3.29	2.29	3.38	*	-
	OVARC1000470	15.96	13.65	10.41	7.96	9.91	7.26	9.53	10.16	10.25	**	-
	OVARC1000473	12.49	10.05	10.69	6.2	7.49	6.37	10.6	7.2	9.15	**	-
	OVARC1000479	24.56	30.78	25.75	8.77	13.76	7.96	8.07	9.81	9.07	**	-
	OVARC1000484	41.23	29.61	25.62	15.32	17.14	13.32	29.7	26.23	34.72	*	-
	OVARC1000486	15.8	17.22	17.4	11.06	13.85	9.12	14.13	11.53	12.18	*	-
35	OVARC1000496	6.74	8.5	5.88	2.96	8.22	5.46	2.84	3.93	3.9	*	-
	OVARC1000520	8.86	5.17	6.53	2.16	5.01	3.05	4.06	3.97	5.92	*	-
	OVARC1000522	35.51	29.95	29.3	26.12	30.21	22.71	22.42	16.55	18.06	**	-
	OVARC1000526	25.75	25.79	18.89	12.38	14.14	8.6	32.78	19.39	27.42	**	-
	OVARC1000529	17.7	16.61	13.49	7.72	9.26	6.61	12.03	7.5	12.39	**	-
	OVARC1000533	31.08	27.41	22.88	25.25	24.54	12.97	18.02	13.21	18.14	*	-
40	OVARC1000543	11.04	5.87	5.45	4.07	4.48	2.25	3.68	3.22	4.84	*	-
	OVARC1000550	9.45	7.02	5.98	3.29	4.46	2.66	4.35	2.47	4.43	*	-
	OVARC1000553	34.95	36.44	34.04	16.33	24.77	21.97	31.22	31.95	33.2	**	-
	OVARC1000556	22.37	23.81	26.15	14.72	11.54	9.38	19.99	16.63	22.58	**	-
	OVARC1000557	11.61	9.78	7.49	2.51	3.89	2.24	6.45	4.03	5.39	**	-
	OVARC1000561	67.36	70.57	52.24	30.14	35.45	26.39	87.82	47.67	77.14	**	-
45	OVARC1000564	79.74	89.59	94.8	35.3	37.73	54.01	49.59	52.84	37.26	**	-
	OVARC1000573	11.41	12.83	14.29	6.97	10.13	6.51	5.93	10.17	8.55	*	-
	OVARC1000576	235.06	210.51	199.48	203.8	258.47	200.46	142.26	126.19	115.56	**	-
	OVARC1000578	15.29	13.44	14.45	8.15	12.93	8.56	9.81	12.76	11.9	*	-
	OVARC1000581	5.46	3.63	4.65	3.12	3.25	1.85	1.84	1.64	2.35	**	-
	OVARC1000586	99.11	90.08	96.7	58.86	53.54	48.9	78.17	82.33	62.01	**	-
50	OVARC1000588	5.04	6.16	5.9	2.73	4.3	3.79	4.96	4.69	3.2	*	-
	OVARC1000605	11.72	9.54	8.96	6.4	6.63	6.02	4.7	4.72	5.55	*	-
	OVARC1000622	86.95	79.96	78.79	29.56	66.79	40.9	71.63	93.74	75.18	*	-
	OVARC1000636	9.18	7.82	11.99	5.56	6.68	4.67	5.37	6.74	3.7	*	-
	OVARC1000640	9.32	12.02	12.8	8.63	10.33	8.57	6.08	8.89	7.4	*	-
	OVARC1000649	137.37	159.82	123.65	116.33	170.6	128.38	91.38	85.12	81.65	**	-
55	OVARC1000661	14.89	15.01	20.86	11.94	15.89	11.61	9.31	9.27	13.9	*	-
	OVARC1000677	42.34	38.62	28.23	30.67	34.02	28.61	19.25	22.35	28.93	*	-
	OVARC1000678	18.66	21.84	18.64	9.55	15.51	8.53	9.3	11.98	8.4	*	-

Table 462

	OVARC1000679	17.17	15.32	16.17	8.84	11.11	9.5	8.07	11.07	12.27	**	*	-	-
	OVARC1000681	8.2	7.24	6.7	4.69	3.61	5.03	3.58	6.1	3.97	**	*	-	-
5	OVARC1000682	113.12	97.53	93.09	104.53	135.81	99.85	59.24	48.57	73.95	*	*	-	-
	OVARC1000689	57.01	42.21	46.96	44.44	54.09	47.18	30.34	27.71	26.26	*	*	-	-
	OVARC1000700	15.99	15.69	20.71	10.16	14.93	8.67	10.07	14.65	13.84	*	*	-	-
	OVARC1000703	26.78	29.43	35.22	14.83	20.62	12.69	19.45	19.63	21.91	*	*	-	-
	OVARC1000722	101.86	85.68	116.52	89.03	99.63	84.39	90.99	59.44	79.26	*	*	-	-
	OVARC1000726	14.33	9.39	12.54	8.8	8.89	8.63	5.72	6.56	7.04	*	*	-	-
10	OVARC1000727	10.18	7.75	13.09	5.79	7.58	4.18	6.38	6.81	6.67	*	*	-	-
	OVARC1000730	29.15	29.95	31.68	12.76	10.82	12.92	11.85	21.92	19.46	**	*	-	-
	OVARC1000741	29.33	29.17	34.55	13.03	37.4	9.12	12.19	21.98	17.49	*	*	-	-
	OVARC1000746	7.78	5.19	7.05	4.39	4.32	3.45	2.05	2.62	3.13	*	**	-	-
	OVARC1000764	38.05	40.13	44.9	31.76	33.36	24.43	25.99	25.42	30.04	*	**	-	-
	OVARC1000769	15.32	19.03	26.3	6.54	8.47	6.17	10.92	9.44	11.01	*	*	-	-
15	OVARC1000771	12.14	10.36	12.36	5.65	9.59	2.99	5.56	6.75	5.39	**	*	-	-
	OVARC1000773	208.54	178.97	168.4	156.38	229.88	197.98	120.99	98.51	115.59	**	*	-	-
	OVARC1000775	34.96	28.91	27.77	13.91	16.38	12.88	14.63	18.43	17.02	**	**	-	-
	OVARC1000778	16.25	14.26	17.29	7.71	11.77	9.22	9.21	13.13	13.25	*	*	-	-
	OVARC1000779	5.51	4.08	7.92	1.14	3.76	1.42	1.72	21.49	16.55	*	**	-	-
20	OVARC1000781	14.72	11.11	14.65	7.53	10.61	4.88	3.59	7.19	4.56	*	**	-	-
	OVARC1000787	16.08	11.69	22.35	5.66	7.21	5.45	9	11.11	9.91	*	*	-	-
	OVARC1000789	23.78	29.78	21.78	12.72	20.51	12.99	10.1	11.61	10.12	**	**	-	-
	OVARC1000800	37.24	52.19	47.92	15.44	23.62	15.47	18.1	25.22	22.47	**	**	-	-
	OVARC1000802	10.69	12.79	19.22	5.61	8.97	4.92	12.57	10.26	7.88	*	*	-	-
	OVARC1000810	41.47	36.61	45.9	14.82	21.04	14.45	26.69	32.64	43.34	**	*	-	-
	OVARC1000811	19.55	15.32	20.3	9.11	11.03	10.04	5.82	8.76	8.16	**	**	-	-
25	OVARC1000814	47.61	40.61	47.27	21.78	30.43	20.51	28.06	40.57	35.2	**	*	-	-
	OVARC1000816	30.44	36.85	45.82	25.26	35.06	20.13	15.73	10.27	23.79	*	*	-	-
	OVARC1000817	7.44	5.99	13.01	2.4	3.28	3.96	1.6	3.36	1.57	*	*	-	-
	OVARC1000834	9.2	11.08	10.6	3.33	5.92	2.58	4.12	4.4	2.95	**	**	-	-
	OVARC1000846	33.2	36.76	34.02	15.54	20.84	16.18	25.4	21.7	22.13	**	**	-	-
30	OVARC1000850	10.1	9.46	13.94	3.02	6.63	4.93	5.97	6.78	5.46	*	*	-	-
	OVARC1000853	124.13	83.82	117.1	50.7	94.43	66.32	58.07	66.46	64.96	*	*	-	-
	OVARC1000862	9.56	7.61	8.86	6.22	4.52	5.06	2.49	2.85	3.78	*	**	-	-
	OVARC1000873	22.12	9.86	11.25	3.85	10.2	7.01	4.33	4	5.56	*	*	-	-
	OVARC1000875	25.32	18.88	20.49	9.43	11.13	12.13	10.43	9.71	12.19	**	**	-	-
	OVARC1000876	14.43	11.76	13.8	4.33	8.64	6.48	3.87	5.38	3.7	**	**	-	-
	OVARC1000883	16.65	14.83	22.63	10.71	10.46	10.25	4.07	3.52	3.44	*	**	-	-
35	OVARC1000885	14.94	15.72	15.2	7.47	13.49	6.08	8.84	6.87	4.31	**	*	-	-
	OVARC1000886	13.43	12.39	14.55	7.87	12.43	7.38	15.33	6.54	7.36	*	*	-	-
	OVARC1000890	238.12	222.49	244.97	168.11	248.06	165.63	120.4	102.6	108.39	**	*	-	-
	OVARC1000891	14.84	13	11.09	4.07	5.36	4.55	3.08	4.38	3.01	**	**	-	-
	OVARC1000897	5.52	4.78	5.55	2.64	2.48	2.48	2.14	2.77	2.38	**	**	-	-
40	OVARC1000912	18.82	12.83	16.34	8.16	8.42	8.22	8.21	8.74	10.52	*	*	-	-
	OVARC1000914	14.59	8.15	9.14	3.85	5.26	5.95	4.68	5.3	4.1	*	*	-	-
	OVARC1000915	17.53	15.34	14.44	6.42	7.74	4.39	7.85	11.07	8.04	**	**	-	-
	OVARC1000916	15.19	18.72	21.06	9.85	20.11	11.22	12.02	12.35	10.4	*	*	-	-
	OVARC1000924	11.12	12.86	14.01	5.55	9.51	4.44	3.13	4.61	3.65	*	**	-	-
	OVARC1000928	46.27	37.28	34.31	5.2	8.81	6.65	4.93	6.15	5.85	**	**	-	-
	OVARC1000936	10.09	10.55	9.33	5.2	9.07	4.74	3.02	5.31	5.15	**	*	-	-
45	OVARC1000937	7.99	8.04	6.58	4.25	5.19	2.94	3.85	3.95	5.45	*	*	-	-
	OVARC1000945	15	14.88	13.39	5.71	5.62	7.78	3.1	4.11	2.76	**	**	-	-
	OVARC1000948	7.88	5.06	4.83	2.65	3.28	2.79	2.69	2.39	2.47	*	*	-	-
	OVARC1000956	14.88	11.07	13.93	5.15	8.05	6.51	8.38	4.46	6.46	**	*	-	-
	OVARC1000959	16.85	16.96	14.18	9.84	10.41	6.42	15.3	9.78	14.01	**	*	-	-
50	OVARC1000960	47.32	52.37	41.49	22.16	32.89	19.82	46.28	34.15	44.56	*	*	-	-
	OVARC1000964	306.84	272.77	304.89	274.01	264.01	211.54	160.52	108.2	102.39	**	*	-	-
	OVARC1000971	7.74	6.08	3.76	3.85	7.47	4.63	2.45	4.82	2.32	*	*	-	-
	OVARC1000975	109.05	95.15	91.82	89.45	126.14	83.84	54.44	48.09	54.61	**	*	-	-
	OVARC1000976	6.41	7.34	5.63	3.4	4.98	2.89	5.48	3.56	2.85	*	*	-	-
	OVARC1000981	24.82	24.19	24.61	14.13	15.11	11.79	18.79	11.54	16.77	**	*	-	-
55	OVARC1000982	21.37	12.18	12.3	7.66	16.73	9.68	5.67	4.54	5.45	*	*	-	-
	OVARC1000984	10.44	9.85	10.17	2.64	4.79	2.24	2.88	2.32	3.54	**	**	-	-
	OVARC1000995	27.57	24.28	19.39	14.42	17.35	10.4	23.31	17.65	22.26	*	*	-	-

Table 463

	OVARC1000996	12.75	15.42	13.22	7.58	7.82	4.86	10.5	9.45	10.8	**	*	-	-
	OVARC1000999	77.92	64.11	52.33	34.61	41.57	26.78	51.13	38.47	53.84	*	-	-	-
	OVARC1001000	34.25	25.88	23.55	13.32	17.72	11.08	24.85	23.48	28.11	*	-	-	-
5	OVARC1001004	4.45	4.47	4.74	3.56	4.7	2.11	3.94	2.09	3.24	*	*	-	-
	OVARC1001010	7.8	4.93	6.92	2.94	3.81	2.97	3.34	2.1	2.69	*	*	-	-
	OVARC1001011	10.56	5.96	7.28	2.55	4.47	3.01	5.82	4.52	6.66	*	-	-	-
	OVARC1001030	135.15	261.75	227.94	119.93	118.81	67.28	114.11	94.32	117.34				
	OVARC1001032	10.53	7.53	10.42	4.6	4.01	3.78	8.13	6.94	7.33	**	*	-	-
10	OVARC1001034	10.83	11.24	8.27	5.28	4.2	4.55	7.53	5.89	7.35	**	*	-	-
	OVARC1001038	36.07	37.32	30.24	14.88	24.71	11.8	14.41	10.88	16.24	*	**	-	-
	OVARC1001040	40.95	33.02	36.27	20.4	24.74	15.2	38.11	31.08	34.73	**	*	-	-
	OVARC1001041	28.88	24.51	24.41	14.12	19.17	10.91	20.98	17.34	23.83	*	-	-	-
	OVARC1001044	8.66	8.02	6.34	3.74	2.76	3.79	6.52	3.05	4.17	**	*	-	-
	OVARC1001049	23.67	22.64	22.97	8.16	12.73	9.28	19.46	22.57	21.53	**	*	-	-
15	OVARC1001051	381.08	484.89	350.06	354.62	546.22	323.29	741.7	383.07	703.22				
	OVARC1001054	6.6	5.59	5.17	3.06	5.01	2.19	3.89	3.27	2.79	**	*	-	-
	OVARC1001055	14.4	14.98	14.95	7.9	10.31	6.02	5.76	7.98	6.8	**	*	-	-
	OVARC1001062	17.06	13.11	19.77	9.47	7.02	5.92	5.47	7.54	3.76	*	*	-	-
	OVARC1001065	58.8	47.67	46.94	41.39	58.25	31.45	28.27	24.21	23.74	**	*	-	-
	OVARC1001068	12.24	9.85	10	9.05	10.45	10.03	4.46	8.42	5.6	*	-	-	-
20	OVARC1001072	5.2	5.85	5.86	2.66	7.45	1.74	3.96	4.57	2.54	*	-	-	-
	OVARC1001073	7.5	8.58	12.65	4.76	6.4	4.65	5.22	6.96	5.47				
	OVARC1001074	4.7	5.22	6.88	3.02	6.61	3.48	7.1	3.06	2.4				
	OVARC1001078	12.05	11.95	9	4.67	9.88	3.56	7.61	7.71	7.4	*	-	-	-
	OVARC1001085	11.18	10.66	13.33	5.34	5.76	6.26	7.62	7.57	5.14	**	*	-	-
	OVARC1001086	9.39	8.11	10.75	4.2	10	3.47	6.76	8.44	4.74				
25	OVARC1001091	241.22	186.8	193.81	163.03	271.86	178.86	140.22	106.42	112.84	*	+	-	-
	OVARC1001092	18.15	15.63	18.59	22.78	28.04	21.17	13.63	16.45	14.87	*	-	-	-
	OVARC1001104	8.1	6.77	10.2	3.75	7.44	6.44	3.73	7.33	6.12				
	OVARC1001107	107.49	92.87	112.02	98.9	125.4	90.42	58.37	49.66	59.61	**	*	-	-
	OVARC1001113	4.26	4.3	6.18	3.48	7.31	2.59	2.8	2.95	2.48	*	-	-	-
	OVARC1001117	14	17.53	15.78	9.22	10.42	7.27	18.6	16.88	12.72	**	*	-	-
30	OVARC1001118	28.39	26.32	27.08	13.26	13.63	13.64	14.58	18.84	21.16	**	*	-	-
	OVARC1001125	15.09	9.24	18.28	5.27	6.72	6.56	3.81	6.47	3.35	*	*	-	-
	OVARC1001129	8.66	7.06	12.46	3.03	6.25	3.24	5.49	10.45	5.05				
	OVARC1001132	9.08	13.23	15.1	8.86	15.2	9.07	5.57	13.13	8.52				
	OVARC1001138	155.24	193.79	160.3	115.39	149.38	101.68	122.48	164.58	137.03	**	*	-	-
35	OVARC1001141	12.99	10.8	12.94	7	9.03	7.57	7.48	10.75	7.3	**	*	-	-
	OVARC1001154	128.63	107.01	106.33	119.46	158.63	83.66	81.42	78.16	83.39	*	-	-	-
	OVARC1001161	17.68	27.92	21.1	11.55	22.82	12.42	16.84	15.27	15.42				
	OVARC1001162	21.74	16.75	19.82	10.26	11.33	9.72	10.1	12.69	11.14	**	**	-	-
	OVARC1001163	10.91	8.03	10.73	4.37	5.95	4.38	3.95	7.35	4.62	**	*	-	-
	OVARC1001167	38.47	38	43.81	17.29	22.87	18.91	28.74	29.72	36.08	**	*	-	-
	OVARC1001169	11.94	7.48	10.4	5.85	13.24	4.72	3.88	5.51	4.65	*	-	-	-
40	OVARC1001170	26.22	26.34	31.69	14.46	15.02	12.36	12.5	14.3	11.17	**	**	-	-
	OVARC1001171	143.81	236.48	129.81	114.4	117.18	158.91	77.44	54.36	128.19				
	OVARC1001173	24.91	33.6	36.93	11.93	16.26	13.53	26.95	27.14	25.91	**	*	-	-
	OVARC1001176	209.32	244.43	234.51	205.75	340.26	228.89	167.09	179.74	200.74	*	-	-	-
	OVARC1001180	67.2	61.17	66.56	30.38	32.42	26.76	42.84	47.13	54.33	**	*	-	-
45	OVARC1001188	18.84	14.15	17.06	4.37	15.93	5.9	10.16	39.68	8.56				
	OVARC1001200	14.51	7.89	14.82	6.11	7.72	3.65	4.16	15.56	6.11				
	OVARC1001202	37.46	21.56	29.17	10.06	10.43	13.25	17.78	23.14	18.29	*	-	-	-
	OVARC1001206	6.83	6.97	11.31	3.06	5.96	2.9	2.03	8.52	4.3				
	OVARC1001209	56.31	51.58	60.2	57.91	69.04	54.41	36.32	29.24	28.87				
	OVARC1001219	14.82	14.11	12.95	3.65	7.48	4.86	4.34	7.98	3.54	**	**	-	-
	OVARC1001222	17.11	17.29	18.38	6.61	16.42	9.64	6.56	7.21	5.56	**	*	-	-
50	OVARC1001232	34.23	34.49	36.17	16.43	23.42	19.3	24.37	27.16	28.45	**	**	-	-
	OVARC1001240	22.68	22.79	23.45	11.83	13.49	10.07	14	20.54	14.23	**	*	-	-
	OVARC1001243	8.41	5.82	7.86	3.1	7.95	3.99	3.48	18.25	1.41				
	OVARC1001244	43.29	22.42	33.3	20.02	23.25	15.87	15.69	21.46	15.18				
	OVARC1001246	191.8	262.18	216.69	139.76	292.92	181.43	261.49	147.46	197.54				
55	OVARC1001247	33.18	25.43	26.03	8.87	21.81	17.23	8.61	11	7	**	*	-	-
	OVARC1001260	10.58	9.81	13.5	4.35	12.46	3.56	7.06	8.38	13.07	*	**	-	-
	OVARC1001261	10.86	9.17	11.3	5.17	7	3.2	4.94	4.19	3.51	*	**	-	-

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	OVARC1001268	91.7	87.42	103.18	50.09	61.38	43.24	78.98	90.56	56.28	**	*	-
	OVARC1001270	7.04	6.65	7.37	4.89	4.4	3.37	2.36	3.78	2.58	**	*	-
5	OVARC1001271	19.59	14.31	19.8	9.15	12.99	7.59	10.4	9.45	13.28	*	*	-
	OVARC1001282	9.08	5.35	8.29	3.47	3.89	2.86	2.79	2.02	1.62	*	*	-
	OVARC1001296	8.37	7.88	7.76	3.73	3.83	3.51	3.2	2.52	1.42	**	*	-
	OVARC1001306	8.13	8.36	10.06	2.51	4.13	1.61	1.91	3.24	2.11	**	*	-
	OVARC1001314	6.35	7.88	10.42	5.15	6.88	5.6	5.8	2.73	3.16	*	*	-
	OVARC1001316	9.21	9.19	7.4	3.28	5.15	2.41	2.09	2	2.6	**	*	-
10	OVARC1001329	66.76	60.97	62.75	30.71	36.83	28.85	49.5	54.71	56.06	**	*	-
	OVARC1001330	6.94	7.09	6.08	3.83	3.92	2.72	1.52	3.71	2.62	**	*	-
	OVARC1001336	20.53	13.52	17.21	8.37	10.93	7.02	7.67	13.22	12.66	*	*	-
	OVARC1001338	9.67	3.35	7.39	3.31	2.87	2.49	3.22	2.79	2.03	*	*	-
	OVARC1001339	93.84	87.95	84.06	45.91	66.98	50.22	43.37	46.73	40	**	*	-
	OVARC1001340	6.83	5.17	8.34	3.19	3.73	1.7	2.64	3.21	3.16	*	*	-
15	OVARC1001341	30.38	40.21	33.21	15.81	17.56	16.77	23.98	16.89	14.16	**	*	-
	OVARC1001342	319.96	384.64	298.02	528.73	514.44	449.66	353.76	251.2	152.62	*	+	-
	OVARC1001344	24.05	19.69	20.03	8.91	10.1	7.96	16.66	12.81	15.35	**	*	-
	OVARC1001357	6.41	18.75	6.59	4.08	6.56	3.73	3.75	4.14	3.16	*	*	-
	OVARC1001359	59.32	54.06	31.23	23.17	43.75	45.21	51.59	26.81	37.78	*	*	-
	OVARC1001360	5.67	4	3.9	1.82	2.67	1.87	1.59	2.07	1.71	*	**	-
20	OVARC1001369	7.6	9.8	9.35	5.24	6.16	2.48	5.5	3.41	1.68	*	*	-
	OVARC1001372	9.97	8.14	5.06	1.49	5.79	2.2	2.9	3.07	0.96	*	*	-
	OVARC1001376	27	25.34	21.25	12.73	15.31	10.9	17.23	14.16	15.91	**	*	-
	OVARC1001381	39.84	52.86	35.2	18.78	31.21	17.84	39.83	32.09	35.47	*	*	-
	OVARC1001391	4.35	4.74	4.59	3.41	5.61	3.07	2.93	3.15	1.97	*	**	-
	OVARC1001392	11.01	13.87	11.26	7.11	8.72	6.36	4.32	4.97	3.08	*	**	-
25	OVARC1001399	7.11	9.27	5.73	3.62	4.78	3.62	4.04	3.29	4.7	*	*	-
	OVARC1001417	8.65	8.11	7.05	3.69	5.18	3.15	2.59	2.11	3.11	**	*	-
	OVARC1001419	9.55	7.34	7.59	3.69	5.75	3.4	4.52	2.92	1.58	*	**	-
	OVARC1001425	13.5	5.66	6.59	3.04	5.54	5.43	3.66	1.31	1.7	*	*	-
	OVARC1001436	14.91	13.09	11.35	5.12	5.94	3.89	4.56	3.69	3.48	**	*	-
	OVARC1001442	5.57	6.26	6.22	3.11	6.56	2.54	5.62	2.71	2.72	*	*	-
30	OVARC1001451	30.68	20.35	20.93	10.57	21.04	10.84	19.07	21.71	23.53	*	*	-
	OVARC1001452	16.95	14.67	11.44	7.52	6.15	5.24	7.7	11.36	6.64	**	*	-
	OVARC1001453	7.86	6.06	6.61	4.22	6.52	4.39	4.72	4.86	4.79	*	*	-
	OVARC1001476	20.63	24.57	30.44	15.92	22.32	7.34	11.05	12.16	16.07	*	*	-
	OVARC1001480	7.35	4.8	7.98	3.71	4.84	5.16	2.87	2.08	3.16	*	*	-
35	OVARC1001489	11.25	5.88	6.53	8.16	19.5	4.38	4.69	2.8	2.81	*	*	-
	OVARC1001493	15.28	11.36	13.67	4.88	4.94	2.76	9.11	6.21	8.31	**	*	-
	OVARC1001496	32.05	27.24	23.8	12.75	20.64	11	9.38	5.04	10.85	*	**	-
	OVARC1001499	5.67	6.05	4.7	2.72	3.78	1.85	2.85	4.6	2.57	*	*	-
	OVARC1001506	31.76	25.87	22.22	8.57	18.43	9.44	18.79	15.06	20.59	*	*	-
	OVARC1001509	17.78	13.64	12.09	7.06	8.79	5.76	15.13	14.75	21.14	*	*	-
40	OVARC1001510	8.59	5.24	6.08	3.07	5.95	3.22	7.27	7.67	4.5	*	*	-
	OVARC1001516	10.81	12.88	13.12	5.8	9.08	6.34	8.79	7.64	9.61	*	*	-
	OVARC1001525	7.75	5.51	6.34	3.13	4.32	3.66	4.26	3.77	3.8	*	*	-
	OVARC1001542	30.12	29.23	28.19	14.89	25.03	14.49	18.26	13.2	26.28	*	*	-
	OVARC1001544	27.99	28.47	20.46	12.55	18.48	10.77	36.56	24.05	33.39	*	*	-
	OVARC1001546	6.07	8.98	10.22	3.38	5.35	8.68	3.38	3.45	4.28	*	*	-
45	OVARC1001547	4.36	6.21	6.19	3.96	3.95	1.63	2.77	2.7	2.24	**	*	-
	OVARC1001555	137.04	110.5	136.25	120.36	174.1	119.31	90.66	69.83	70.87	*	*	-
	OVARC1001560	10.54	9.21	9.05	6.2	10.38	4.19	4.33	6.13	2.34	*	*	-
	OVARC1001569	28.34	25.69	28.31	17.71	19.82	21.58	15.15	17.9	15.82	**	*	-
	OVARC1001570	9.57	12.59	13.54	7.21	9.92	6.14	6.01	6.08	8.45	*	*	-
	OVARC1001577	10.2	13.78	13.09	13.59	16.75	9.11	10.56	8.87	5.25	*	*	-
50	OVARC1001578	0	0.27	1.12	0.09	2	0.48	1.37	0.77	0	*	*	-
	OVARC1001596	18.44	38.66	31.49	14.48	23.49	16.88	13.34	13.82	12.27	*	*	-
	OVARC1001600	12.84	12.05	12.79	8.39	9.83	7.52	7.16	10.38	7.31	**	*	-
	OVARC1001607	17.69	15.72	17.94	10.9	18.71	12.05	10.18	16.33	11.6	*	*	-
	OVARC1001610	7.42	7.24	11.17	5.09	7.94	4.34	2.78	4.22	3.55	*	*	-
	OVARC1001611	3.52	5.78	9.33	2.82	5.44	3.47	2.68	4.9	2.76	*	*	-
55	OVARC1001615	7.22	4.15	9.71	3.66	4.51	3.88	4.88	4.91	5.78	*	*	-
	OVARC1001636	5.13	4.74	6.26	4.34	6.6	4.17	6.58	6.24	9.12	*	*	-
	OVARC1001668	40.93	55.07	40.85	20.99	33.29	18.89	40.58	43.41	37.28	*	*	-

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	OVARC1001702	9.4	5.63	9.29	4.18	2.13	4.1	3.32	3.32	2.46	*	*	-	-
	OVARC1001703	7.15	7.4	12.31	4.47	5.7	4.5	5.85	8.24	3.65				
5	OVARC1001710	18.66	12.34	27.68	8.37	10.17	11.06	8.89	17.12	13.23				
	OVARC1001711	18.7	15.2	21.81	10.78	18.26	9.63	7.19	14.6	8.6	*		-	
	OVARC1001713	106.12	95.89	118.84	111.33	127.16	96.1	59.14	62.39	67.07	**		-	
	OVARC1001725	7.41	8.41	15.02	6.01	22.46	3.17	4.32	4.47	6.9				
	OVARC1001726	9.14	11.76	13.16	5.3	10.91	4.63	7.72	5.13	7.08	*		-	
	OVARC1001727	6.13	4.36	5.44	2.42	3.92	3.64	2.37	4.79	3.09	*		-	
10	OVARC1001731	326.35	314.92	333.21	240.06	116.88	168.02	275.41	235.36	284.79	*	*	-	-
	OVARC1001735	10.45	7.4	10.3	3.26	6.6	5.16	2.85	50.48	3.58	*		-	
	OVARC1001741	51.89	35.06	44.69	30.3	40.05	30.18	29.82	27.49	31.74	*		-	
	OVARC1001745	48.03	48.42	50.14	20.26	24.89	18.25	35.38	41.14	42.19	**	*	-	-
	OVARC1001759	8.58	9.79	14.25	4.9	9.68	2.54	3.21	5.87	3.66	*		-	
	OVARC1001762	15.44	18.76	16.88	4.99	8.2	5.87	5.45	4.57	3.61	**	**	-	-
15	OVARC1001766	83.39	85.91	87.93	59.55	79.17	53.32	53.78	49.12	57.96	**		-	
	OVARC1001767	7.04	5.21	8.42	2.96	5.88	2.78	2.97	1.63	2.74	*		-	
	OVARC1001768	14.52	13.49	18.22	6.31	12.6	7.55	3.97	6.24	6.88	**		-	
	OVARC1001770	26.33	28.28	29.2	13.86	20.54	11.13	6.52	15.1	8.61	*	**	-	-
	OVARC1001776	7.09	4.63	7.55	4.18	5.49	2.76	2.6	3.29	2.71	*		-	
	OVARC1001791	10.39	7.82	10.63	6.37	4.38	3.31	3.58	4.2	5.4	*	**	-	-
20	OVARC1001795	7.98	5.23	12.47	1.59	4.12	3.1	3.31	4.76	7.14			-	
	OVARC1001798	40.84	44.26	46	20.27	29.31	16.26	30.23	32.18	29.44	**	**	-	-
	OVARC1001802	21.47	24.32	21.73	9.56	17	10.13	13.8	16.34	14.18	*	**	-	-
	OVARC1001805	21.41	25.19	22.93	13.01	23.64	11.53	6.55	5.13	2.96	**		-	-
	OVARC1001807	9.03	4.95	8.69	4.35	5.41	3.66	4.23	6.47	5.73			-	
	OVARC1001809	149.46	129.89	172.57	133.13	197.68	130.62	61.18	73.6	73.85	**		-	
25	OVARC1001812	14.81	11.9	18.98	7.06	7.79	6.77	7.18	8.19	7.69	*	*	-	-
	OVARC1001813	16.16	13.4	12.96	5.79	9.88	6.64	9.17	11.83	7.83	*	*	-	-
	OVARC1001820	13.24	13.12	21.66	6.46	7.84	7.81	9.43	11.92	8.26	*		-	
	OVARC1001828	7.36	8.18	15.13	2.53	4.46	3.16	2.97	2.27	1.93	*		-	
	OVARC1001833	7.55	8	10.4	3.73	5.88	2.72	2.14	3.67	2.55	*	**	-	-
	OVARC1001839	9.51	8.23	9.47	3.48	6.12	2.44	2.33	1.23	3.33	*	**	-	-
30	OVARC1001846	10.75	6.47	12.96	4.44	5.49	4.43	2.19	5.18	4.87	*		-	
	OVARC1001849	21.23	22.64	18.18	12.84	14.77	8.26	9.88	17.09	10.17	*	*	-	-
	OVARC1001861	14.15	12.35	14.96	7.86	9.2	6.06	6.33	6.39	8.07	**	**	-	-
	OVARC1001873	10.37	9.13	10.41	3.08	3.81	3.28	3.75	2.72	3.55	**	**	-	-
	OVARC1001879	12.35	13.47	14.5	4.79	6.62	4.85	9.81	8.26	4.82	**	*	-	-
	OVARC1001880	17.95	16.04	17.13	6.7	12.3	6.25	9.7	7.19	8.89	*	**	-	-
35	OVARC1001883	10.68	7.64	9.62	5.66	5.31	4.96	4.5	5.37	3.66	*	**	-	-
	OVARC1001900	21.57	23.04	21.79	9.35	13.16	8.64	4.93	5.9	5.98	**	**	-	-
	OVARC1001901	6.1	3.23	6.27	3.76	3.35	2.44	2	2.36	2.55	*		-	
	OVARC1001911	5.85	6.08	5.24	3.87	3.1	3.23	3.29	4.37	2.41	**	*	-	-
	OVARC1001916	15.55	14.04	13.05	10.21	8.26	9.44	6.7	7.73	11.27	**	*	-	-
40	OVARC1001928	4.28	4.17	5.98	2.82	2.37	1.14	3.65	1.6	1.43	*	*	-	-
	OVARC1001937	25.6	15.71	13.44	9.48	11.18	11.27	11.49	12.97	7.51			-	
	OVARC1001940	8.76	8.78	8.37	2.83	3.28	2.84	2.16	2.96	2.02	**	**	-	-
	OVARC1001942	20.24	15.16	17.14	7.55	9.31	5.48	5.3	6.71	7.34	**	**	-	-
	OVARC1001943	29.68	32.41	20.55	12.97	22.62	15.27	4.34	4.72	5.72	**		-	
	OVARC1001949	14.19	11.75	10.33	3.19	5.85	4.46	2.89	6.47	5.47	**	**	-	-
45	OVARC1001950	13.94	15.9	10.94	6.19	9.29	6.75	8.04	7.58	9.81	*	*	-	-
	OVARC1001952	122.9	130.05	103.73	90.55	135.58	102.89	79.11	70.36	72.15	**		-	
	OVARC1001954	7.45	6.81	6.15	3.11	3.63	2.91	2.32	2.33	2.18	**	**	-	-
	OVARC1001963	12.44	11.79	17.61	6.04	6.32	5.28	6.38	9.47	7.04	*	*	-	-
	OVARC1001983	25.71	30.08	25.81	12.15	15.68	10.47	16.02	11.31	11.87	**	**	-	-
	OVARC1001987	13.81	15.75	12.25	6.15	7.8	4.37	5.37	6.61	4.93	**	**	-	-
50	OVARC1001989	18.41	16.89	13.96	7.74	13.38	8.71	14.94	11.39	11.29	*		-	
	OVARC1001991	12.31	10.21	10.74	6.47	8.3	7.41	6.69	6.19	5.31	*	**	-	-
	OVARC1002005	33.83	38.39	35.62	17.89	27.06	20.01	28.16	23.73	27.11	**	**	-	-
	OVARC1002044	25.13	24.53	23.58	14.08	17.38	11.27	23.29	17.04	24.49	**		-	
	OVARC1002046	79.06	107.27	86.51	49.53	77.97	65.8	68.65	65.46	67.43	*		-	
	OVARC1002050	9.22	6.62	10.19	4.05	4.76	4.15	4.13	2.81	4.5	*	*	-	-
55	OVARC1002058	18.18	16.91	17.55	13.19	18.87	6.99	24.17	22.71	28.4	*		-	+
	OVARC1002066	67.02	72.72	47.65	37.79	39.59	35.74	62.17	50.77	51.33	*		-	
	OVARC1002082	34.4	33.12	24.78	17.13	27.63	15.59	48.32	29.05	33.16			-	

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	OVARC1002091	18.78	19.82	15.43	10.02	4.76	6.56	9.66	6.62	10.94	**	**	-	-
	OVARC1002092	11.35	7.73	4.3	3.87	5.5	2.76	3.85	4.56	3.79				
5	OVARC1002093	11.71	8.5	20.66	4.96	14.44	7.82	5.85	5.4	7.08				
	OVARC1002094	6.29	6.49	6.65	2.69	4.04	2.24	4.34	3.07	3.08	**	**	-	-
	OVARC1002107	13.48	8.34	12.83	6.06	7.84	6.33	9.41	7.18	12.5	*		-	-
	OVARC1002112	26.38	33.01	27.23	12.79	21.35	12.35	12.54	9.82	14.29	*	**	-	-
	OVARC1002126	65.16	69.33	51.38	44.56	51.62	38.84	65.71	52.52	60.89				
	OVARC1002127	6.15	6.37	5.32	1.95	4.41	3.09	5.22	3.46	3.37	*	*	-	-
10	OVARC1002138	5.22	5.32	3.68	5.16	3.08	2.95	2.56	2.26	2.94	*		-	-
	OVARC1002143	7.3	4.6	3.7	3.29	5.14	1.8	3.79	3.64	5.8				
	OVARC1002156	14.33	13.86	13.02	10.03	12.28	6.78	8.59	6.29	5.67	**		-	-
	OVARC1002158	9.15	5.03	4.65	3.18	3.11	2.41	3.88	2.86	4.37				
	OVARC1002165	67.03	61.86	54.25	23.78	36.97	31.97	46.19	44.24	42.15	**	*	-	-
	OVARC1002176	10.61	13.89	9.02	5.22	6.29	4.46	9.03	7.11	8.09	*		-	-
15	OVARC1002178	11.02	11.22	6.01	3.16	5.47	2.82	6.17	3.48	3.57	*		-	-
	OVARC1002182	6.32	5.52	5.4	2.92	5.92	3.91	6.46	4.29	5.82				
	OVARC1002185	13.32	14.59	15.01	5.81	10.11	6.86	7.78	7.13	8.82	**	**	-	-
	PLACE1000004	9.74	9.21	11.61	4.85	7.73	5.01	4.83	8.27	4.93	*	*	-	-
	PLACE1000005	27.12	18.01	21.46	13.29	16.54	9.78	14.01	13.75	13.04	*		-	-
20	PLACE1000006	91.12	57.04	55.23	34.88	52.28	43.96	6.98	11.96	13.8	**		-	-
	PLACE1000007	7.26	8.75	8.28	8.37	10.72	8.06	3.04	5.48	2.7	*		-	-
	PLACE1000014	2.23	2.04	4.15	1.42	4	3.02	1.88	2.43	1.7				
	PLACE1000031	25.49	34.88	32.13	13.67	27.22	11.3	27.49	25.37	24.47				
	PLACE1000033	18.11	15.97	17.95	12.01	14.01	16.72	14.29	10.78	15.77				
	PLACE1000040	8.82	8.21	10.8	5.78	10.45	6.53	3.91	7.12	4.69	*		-	-
25	PLACE1000048	20.38	17.3	18.51	15.36	23.63	12.54	8.78	9.57	6.66	**		-	-
	PLACE1000050	5.4	7.04	6.5	2.42	4.86	4.46	3.72	6.27	1.7				
	PLACE1000061	9.33	8.61	17.26	5.67	11.39	8.55	3.23	9.76	4.54				
	PLACE1000066	8.66	5.77	17.49	7.42	6.83	5.75	5.92	4.2	3.99				
	PLACE1000075	12.56	13.3	14.47	10.46	23.06	11.81	12.58	8.36	7.76				
	PLACE1000078	18.43	18.48	16.12	10.89	9.95	8.28	13.59	13.8	12.7	**	*	-	-
30	PLACE1000081	10.24	9.79	10.46	3.99	5.51	5	3.34	5.78	6.89	**	*	-	-
	PLACE1000086	24.93	18.79	23.44	11.66	12.45	12.8	14.85	17.83	16.54	**	*	-	-
	PLACE1000094	9.77	8.35	20.14	5.83	7.13	8.45	9.11	6.85	4.47				
	PLACE1000101	13.24	13.69	14.14	7.47	11.68	8.08	3.54	8.15	5.57	*	**	-	-
	PLACE1000121	13.12	18.46	20.42	15.19	20.27	14.52	7.88	10.58	8.77	*		-	-
	PLACE1000133	9.91	9.72	12.83	7.9	8.22	8.5	5.09	6.11	8.25	*		-	-
35	PLACE1000142	9.88	8.89	10.42	4.19	7.46	3.72	7.05	4.74	5.82	*	**	-	-
	PLACE1000146	26.84	30.96	24.74	12.94	22.4	10.59	30.36	28.2	29.92	*		-	-
	PLACE1000163	7.41	5.19	10.36	3.1	5	4.08	3.16	3.43	3.29	*		-	-
	PLACE1000172	27.22	20.45	29.16	10.4	14.2	9.22	8.64	12.45	11.02	**	**	-	-
40	PLACE1000181	113.9	71.51	73.22	49.28	64.78	42.83	38.76	53.7	55.02				
	PLACE1000184	17.72	15.27	19.8	11.79	14.01	13.85	9.11	9.87	10.76	*	**	-	-
	PLACE1000185	16.19	14.48	17.72	7.66	7.1	6.34	4.1	6.59	4.27	**	**	-	-
	PLACE1000198	9.65	11.81	15.71	11.09	11.55	8.4	6.38	19.65	7.03				
	PLACE1000213	6.26	6.05	11.46	4.09	6.36	3.94	3.17	3.29	3.78				
	PLACE1000214	9.15	11.17	11.68	8.73	8.08	4.64	3.79	6.02	5.34	**		-	-
	PLACE1000220	25.57	22.54	23.7	11.03	13.14	7.79	10.18	10.81	12.09	**	**	-	-
	PLACE1000231	14.42	18.43	23.26	5.64	9.79	6.68	7.36	7.88	9.82	*	*	-	-
45	PLACE1000236	7.58	6.02	8.68	1.98	6.24	5.31	3.56	10.92	5.78				
	PLACE1000245	26.52	25.91	22.56	9.19	16.74	15.36	8.75	9.5	10.2	*	**	-	-
	PLACE1000246	45.69	36.58	50.55	14.83	17.16	15.14	8.9	11.47	10.62	**	**	-	-
	PLACE1000258	9.85	11.52	11.33	3.16	7.83	3.08	2.46	5.51	4.37	*	*	-	-
	PLACE1000288	14.3	14.29	20.76	4.5	8.13	8.1	4.73	7.76	5.77	*	*	-	-
	PLACE1000292	22.65	21.9	21.53	9.54	18.93	11.23	12.98	16.24	12.38	*	**	-	-
50	PLACE1000302	24.34	18.15	25.79	8.82	16.47	8.9	10.89	18.25	19.37	*		-	-
	PLACE1000304	9.25	6.15	7.74	5.54	8.18	3.68	3.39	11.18	2.7				
	PLACE1000308	15.07	8.66	14.03	6.88	10.38	7.58	8.62	8.08	9.22				
	PLACE1000309	50.33	32.12	45.32	24.2	31.82	23.11	35.7	38.12	29.88				
	PLACE1000312	7.8	7.45	13.99	4.65	6.15	3.95	7.1	6.14	4.22				
	PLACE1000330	37.2	43.13	26.2	23.56	30.84	17.96	20.8	28.35	14.01				
55	PLACE1000332	19.72	22.93	22.77	9.1	18.25	13.71	15.08	10.86	13.37	*	**	-	-
	PLACE1000347	18.65	20.7	25.21	9.08	28.96	11.34	16.06	14.13	12.46	*		-	-
	PLACE1000351	4.55	3.12	7.2	2.8	3.17	2.14	6.68	4.21	4.87				

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	PLACE1000374	4.36	4.25	6.34	4.3	3.67	2.84	1.94	3.1	1.77	*	-
	PLACE1000380	16.1	6.91	17.82	9.8	10.53	4.49	5.18	5.02	6.92	*	-
	PLACE1000383	6.36	4	6.16	2.37	2.92	2.52	2.89	0.95	0.87	*	-
5	PLACE1000397	11.59	7.26	11.9	2.79	5.06	5.01	6.09	6.59	6.48	*	-
	PLACE1000401	9.04	6.59	7.42	3.23	3.26	3.54	3.28	2.6	2.94	**	-
	PLACE1000406	13.08	8.33	14.95	2.59	5.95	3.66	6.86	10.26	6.27	*	-
	PLACE1000412	8.51	7.48	7.35	3.42	4.96	3.44	3.84	4.02	2.52	**	-
	PLACE1000420	18.93	23.33	27.28	7.24	14.78	9.32	4.07	6.78	6.75	*	-
	PLACE1000421	17.83	12.09	14.21	5.67	5.38	4.01	4.24	5.77	6.73	**	-
10	PLACE1000423	9.91	10.66	9.25	5.17	5.46	3.16	3.23	3.33	2.82	**	-
	PLACE1000424	6.41	4.46	8.86	3.52	3.38	1.84	2.63	2.91	2.34	*	-
	PLACE1000430	9.9	7.48	10.47	5.49	5	3.45	3.57	3.09	3.55	*	-
	PLACE1000433	8.1	6.1	7.11	1.95	4.44	2.14	2.34	1.88	2.11	*	-
	PLACE1000435	28.95	26.53	24.32	14.09	14.79	9.09	16.84	11.65	12.23	**	-
	PLACE1000437	13.7	9.76	13.69	6.32	11.96	9.08	8.69	6.76	4.42	*	-
15	PLACE1000442	4.21	4.33	5.54	1.97	3.93	1.28	2.62	4.3	2.3		-
	PLACE1000444	8.39	8.02	5.47	3.23	8.73	7.32	3.64	5.13	5.23	*	-
	PLACE1000453	8.24	8.08	7.4	2.64	6.34	3.96	5.87	6.05	5.1	*	-
	PLACE1000456	9.14	8.93	7.88	4.6	6.83	3.55	4.93	5.65	3.15	*	-
	PLACE1000465	29.59	27.02	24.71	10.66	16.38	9.53	7.25	7.03	4.61	**	-
20	PLACE1000481	10.19	8.45	9.18	6.24	5.2	4.46	5.55	2.41	2.95	**	-
	PLACE1000492	14.54	13.99	15.18	6.98	17.38	5.81	5.24	4	6.05	**	-
	PLACE1000508	8.74	6.29	6.02	2.46	6.75	1.48	4.68	3.01	3.04	*	-
	PLACE1000512	4.85	3.74	3.65	2.37	3	3.01	2.27	2.44	1.75	*	-
	PLACE1000540	12.96	8.47	7.79	4.5	9.85	7.03	5.75	9.5	3.54		-
	PLACE1000541	10.16	15.98	11.44	6.25	17.26	10.37	7.65	6.38	9.85		-
25	PLACE1000546	13.1	11.96	11.32	7.18	10.25	10.48	6.08	5.2	6.25	**	-
	PLACE1000547	8.49	5.52	7.86	5.49	10.6	14.98	5.43	2.62	3.64	*	-
	PLACE1000560	22.37	15.31	18.14	8.38	10.85	7.86	6.26	3.35	3.9	*	-
	PLACE1000562	8.22	7.18	9	4.62	4.33	3.02	4.18	2.13	2.7	**	-
	PLACE1000564	17.41	14.24	11.35	10.42	10.44	10.34	8.72	6.17	6.09	*	-
	PLACE1000583	11.44	8.04	7.49	4.72	4.9	3.91	5.24	5.95	5.26	*	-
30	PLACE1000587	7.15	6.59	3.7	3.14	3.88	4.15	3.78	3.64	4.07		-
	PLACE1000588	18.91	11.92	8.8	5.65	7.81	8.36	8.6	5.83	6.87		-
	PLACE1000596	11.7	13.56	11.65	8.47	13.84	9.08	10.58	5.53	9.44		-
	PLACE1000599	9.76	11.08	9.94	6.95	10.5	6.09	4.81	2.43	3.16	**	-
	PLACE1000605	16.65	12.34	15.55	9.49	9.68	6.14	6.32	3.07	5.49	*	-
	PLACE1000610	13.13	11.57	11.01	8.74	7.05	4.41	9.69	6.2	4.65	*	-
35	PLACE1000611	44.34	42.43	32.52	26.13	31.67	19.73	63.56	39.23	50.7	**	-
	PLACE1000626	7.16	6.36	6.63	3.54	3.14	2.93	5.25	5.57	5.32	**	-
	PLACE1000633	7.75	6.07	5.61	4.09	5.95	4.33	4.51	3.72	5.54		-
	PLACE1000636	9.18	4.57	3.73	3.4	5.99	3.07	2.89	4.22	5.33		-
	PLACE1000653	13.52	15.36	9.28	7.56	11.63	7.5	6.22	4.09	7.58	*	-
	PLACE1000656	16.45	24.27	20.78	6.6	13.98	8.95	13.7	10.63	9.13	*	-
40	PLACE1000663	17.59	14.23	11.72	6.71	8	7.43	15.75	11.07	16.5	*	-
	PLACE1000706	22.58	27.08	16.29	14.32	16.15	9.77	10.6	7.13	11.87	*	-
	PLACE1000712	15.91	18.32	12.16	10.41	18.03	9.89	15.21	13.33	14.12		-
	PLACE1000716	9.51	6.38	10.32	4.38	8.28	5.91	5.52	6.18	6.28		-
	PLACE1000740	62.65	63.87	75.82	66.13	88.56	67.41	54.02	47.28	39.42	*	-
	PLACE1000748	21.69	20.13	21.77	15.61	19.67	14.26	16.35	17.23	19.62	*	-
45	PLACE1000749	8.09	6.77	9.49	5.21	7.14	4.97	2.01	3.41	3.49	**	-
	PLACE1000751	5.85	6.89	7.76	3.42	4.79	3.39	2.03	3.31	2.82	*	-
	PLACE1000755	17.27	23.58	23.84	13.28	21.64	9.26	15.55	10.98	9.19	*	-
	PLACE1000769	3.3	5.09	3.02	3.66	5.56	3.4	3.76	2.68	2.93		-
	PLACE1000778	43.25	43.09	44.83	22.77	18.03	27.54	20.87	24.08	21.65	**	-
	PLACE1000785	31.35	17.11	31.03	9.35	9.07	8.25	11.86	8.82	7.46	*	-
50	PLACE1000786	5.99	3.18	7.12	2.4	4.01	1.88	2.45	4.94	6.92		-
	PLACE1000793	62.95	70.84	86.12	74.56	80.1	68.58	59.03	72.61	48.69		-
	PLACE1000795	170.82	165.32	165.81	123.39	175.42	137.1	104.41	82.02	95.27	**	-
	PLACE1000798	34.34	30.96	28.31	19.04	23.22	14.81	22.05	22.97	28.25	*	-
	PLACE1000812	16.41	17.23	19.15	11.98	12.41	10.24	15.41	13.57	12.8	**	-
	PLACE1000823	25.51	22.51	19.45	15.2	17.94	10.61	13.45	15.88	12.99	*	-
55	PLACE1000825	9.78	4.9	7.94	5.02	3.89	3.86	4.94	3.55	4.1		-
	PLACE1000838	37.15	32.03	40.12	17.98	18.59	17.35	19.92	15.21	15.97	**	-

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	PLACE1000841	7.87	7.94	8.8	7.6	12.23	10.86	5.33	4.89	4.56	**	-
	PLACE1000843	16.04	20.1	24.44	8.07	13.38	10.99	7.02	9.18	7.59	*	-
5	PLACE1000849	5.43	7.23	9.29	4.99	5.8	4.19	3.26	3.96	2.16	*	-
	PLACE1000856	209.98	229.07	253.03	209.39	256.66	183.75	147.93	119.29	119.6	**	-
	PLACE1000863	16.12	16.52	27.27	10.41	12.7	10.18	13.62	16.56	12.54		-
	PLACE1000876	16.98	21.81	24.49	11.69	18.7	12.24	19.45	15.76	20.21		-
	PLACE1000899	225.37	148.25	253.61	106.96	112.25	68.21	130.08	130.64	120.26	*	-
	PLACE1000907	11.9	9.88	11.62	4.52	6.53	6.56	4.58	7.2	4.58	**	-
10	PLACE1000909	219.81	187.78	224.87	129.92	144.43	97.69	209.39	207.09	231	**	-
	PLACE1000912	4.53	4.31	6.11	1.98	4.16	2.65	2.79	1.25	1.4	*	-
	PLACE1000914	13.65	11.52	16.16	6.76	9.53	7.59	5.22	5.53	2.91	*	-
	PLACE1000918	13.18	11.98	16.82	5.88	9.64	8.52	8.09	14.67	8.16	*	-
	PLACE1000927	6.93	7.22	10.54	4.38	6.32	3.11	4.55	3.47	4.34	*	-
	PLACE1000931	9.5	7.15	10.84	7.43	6.57	4.4	3.12	4.27	3.39	**	-
15	PLACE1000944	12.44	7.29	10.38	5.9	6.11	4.93	5.15	6.79	5.9	*	-
	PLACE1000948	15.03	15	16.76	7.56	11.29	7.62	5.5	9.31	6.83	**	-
	PLACE1000958	5.27	4.99	7.38	2.51	5.7	3.99	1.85	6.23	4.43		-
	PLACE1000972	8.38	5.92	10.49	3.65	7.53	4.25	3.77	5.86	4.19		-
	PLACE1000977	11.29	8.32	15.95	5.04	5.25	7.02	2.5	10.48	3.14		-
	PLACE1000979	13.89	7.86	9.68	3.34	7.43	5.35	4.42	5.93	8.8		-
20	PLACE1000986	30.12	30.53	34.37	25.05	28	23.07	15.94	15.63	18.52	*	-
	PLACE1000987	19.26	23.97	21.74	13.41	21.5	10.91	16.26	13.02	12.47	*	-
	PLACE1001000	4.37	7.15	10.87	3.42	3.04	2.14	2.69	2.93	3.43		-
	PLACE1001007	6.61	2.96	5.44	2.81	6.06	3.04	2.78	3.89	2.07		-
	PLACE1001010	9.46	6.18	10.43	5.02	5.52	3.2	5.18	3.73	3.91	*	-
	PLACE1001015	7.99	5.3	8.03	6.19	7.65	4.6	3.26	3.31	2.3	*	-
25	PLACE1001016	17.51	11.26	16.44	6.61	7.04	6.42	3.95	3.27	2.38	*	-
	PLACE1001022	14.42	12.9	14.76	4.97	7.37	5.56	7.11	8.21	7.4	**	-
	PLACE1001024	11.18	12.76	12	5.14	10.39	4.2	4.43	3.88	2.99	**	-
	PLACE1001036	105.59	109.4	58.51	52.8	114.22	89.89	113.54	86.02	137.21		-
	PLACE1001038	9.63	8.86	10.53	4.68	5.51	5.33	2.98	5.92	7.98	**	-
30	PLACE1001048	7.22	3.94	6.41	5.19	5.21	3.49	3.25	3.01	2.83	*	-
	PLACE1001054	17.12	18.15	23	21.95	14.11	11.96	6.57	6.82	6.81	**	-
	PLACE1001062	7.69	5.86	7.49	3.03	6.18	4.98	5.6	1.77	1.91	*	-
	PLACE1001063	11.82	13.23	13.09	8.34	8.29	7.45	3.15	3.88	2.78	**	-
	PLACE1001076	17.46	15.27	22.58	9.61	12.22	10.09	9.5	6.93	10.2	*	-
	PLACE1001081	8.04	6.12	10.01	3.34	3.8	3.43	2.11	2.93	3.84	*	-
35	PLACE1001088	1077.5	1434.9	897.35	706.08	898.84	874	835.46	1189	1173.1		-
	PLACE1001092	41.3	35.7	38.59	14.58	20.22	12.39	28.15	30.94	33.71	**	-
	PLACE1001098	27.39	22.29	18.87	5.94	11.11	13.11	8.05	8.36	7.66	*	-
	PLACE1001100	12.04	12.72	14.57	7.69	8.66	8.94	7.95	8.39	9.98	**	-
	PLACE1001104	10.26	8.03	11.29	7.1	4.81	4.72	5.84	4.16	5.12	*	-
	PLACE1001114	19.87	21.11	13.11	5.44	7.05	8.22	2.52	3.44	2.49	*	-
40	PLACE1001118	16.04	15.17	13.54	9.49	13.49	10.14	5.69	6.26	3.99	**	-
	PLACE1001123	11.13	9.28	10.37	3.01	8.71	7.98	2.59	2.22	5.96	**	-
	PLACE1001136	9.63	8.36	10.4	4.16	7.83	10.1	11.4	6.43	4.95		-
	PLACE1001144	22.24	18.89	18.24	5.11	10.59	8.11	16.88	14.03	17.77	**	-
	PLACE1001147	9.73	14.79	11.54	7.5	5.73	6.98	3.33	4.01	4.07	*	-
	PLACE1001148	16.26	12.46	13.41	8.25	12.02	6.54	11.91	10.71	11.81		-
45	PLACE1001159	5.83	2.18	9.14	5.55	4.85	2.75	3.37	5.16	1.28		-
	PLACE1001168	6.64	5.38	5	2.78	4.75	2.95	4.38	2.12	2.36	*	-
	PLACE1001171	17.87	14.63	16.06	9.77	9.8	9.82	9.4	7.26	9.58	**	-
	PLACE1001183	24.74	23.48	20.67	15.23	15.9	11.49	12.71	7.91	11.36	**	-
	PLACE1001185	8.91	7.62	8.02	4.21	7.14	4.11	5.56	3.21	2.94	*	-
	PLACE1001201	16.86	15.12	18.88	10.04	10.01	9	9.33	10.2	8.94	**	-
50	PLACE1001229	15.21	12.61	13.94	9.57	11.26	12.86	8.81	8.47	8.63	**	-
	PLACE1001231	13.31	19.61	12.2	8.58	26.11	14.91	13.39	13.43	8.59		-
	PLACE1001238	6.16	6.8	5.78	3.46	6.45	5.07	3.57	1.84	3.63	**	-
	PLACE1001241	7.81	12.55	8.77	4.56	8.8	2.29	6.75	1.69	5.45		-
	PLACE1001242	15.15	9.43	9.57	6.93	8.62	5.05	5.42	2.86	4.67	*	-
	PLACE1001247	18.19	25.95	17.43	7.95	13.13	8.09	9.19	7.53	8.42	*	-
55	PLACE1001250	27.19	16.6	15.62	14.1	21.99	16.23	13.87	8.35	7.98		-
	PLACE1001257	5.07	4.07	3.3	6.21	3.6	2.05	3.64	3.01	2.62		-
	PLACE1001272	11.61	5.34	6.33	4.73	5.73	6.35	5.18	6.02	6.39		-

Table 469

	PLACE1001279	20.66	18.57	13.78	9.04	11.1	8.58	6.47	4.72	6	*	**	-	-
	PLACE1001280	13.73	13.22	15.63	11.44	10.47	6.22	11.2	7.22	13.37				
	PLACE1001294	6.1	5.02	7.03	2.98	5.24	4.37	4.18	2.25	4.36				
5	PLACE1001295	9.52	6.34	5.73	4.11	5.38	4.8	4.66	3.72	5.16				
	PLACE1001300	110.16	136.11	96.73	55.88	77.8	69.78	127.86	93.28	123.22	*		-	-
	PLACE1001304	22.83	23.36	19.82	13.09	11.18	12.56	8.64	8.3	14.22	**	**	-	-
	PLACE1001311	22.93	29.08	18.33	13.63	11.98	8.91	18.15	14.72	19.17	*		-	-
	PLACE1001323	5.15	4.73	4.73	2.24	3.77	2.07	2.58	2.19	2.91	*	**	-	-
	PLACE1001325	6.51	4.36	2.66	3.73	4.01	0.79	3.09	1.19	1.69				
10	PLACE1001340	12.71	9.9	7.91	5.93	10.17	3.62	8.49	5.49	7.3				
	PLACE1001344	7.26	5.61	6.3	3.22	4.87	2.35	5.26	3.25	5.47	*		-	-
	PLACE1001351	10.82	9.34	9.06	4.54	4.04	2.83	5.68	5.94	6.17	**	**	-	-
	PLACE1001366	16.46	16.32	12.21	7.96	10.61	8	10.02	6.25	6.08	*		-	-
	PLACE1001377	10.72	11.21	8.12	8.14	11.01	6.18	7.03	5.07	5.96	*		-	-
	PLACE1001383	8.47	7.74	7.34	7.01	7.31	9.16	4.38	4.51	5.67	**		-	-
15	PLACE1001384	5.51	3.13	4.87	2.26	4.64	2.12	1.25	1.77	2.28	*		-	-
	PLACE1001387	3.71	2.66	5.28	2.18	4.13	3.15	1.31	2.35	1.76				
	PLACE1001395	2.97	1.83	2.95	0.9	3.39	0.94	2.26	2.27	0.93				
	PLACE1001399	43.48	36.95	39.47	25.54	39.02	28.91	11.4	22.35	12.37	**		-	-
	PLACE1001401	8.85	12.13	13.82	4.1	7.84	5.28	5.15	5.58	4.43	*	*	-	-
20	PLACE1001407	6.42	8.95	6.88	3.19	5.6	3.04	3.23	2.38	2.93	*	**	-	-
	PLACE1001412	4.65	3.97	3.56	2.52	8.46	2.63	3.1	2.07	4.54				
	PLACE1001414	10.05	7.04	8.23	5.26	7.99	5.53	4.37	7.32	4.41				
	PLACE1001416	18.05	14.76	21.75	8.21	15.69	7.54	12.66	14.94	10.13				
	PLACE1001433	10.35	9.53	10.38	6.47	9.26	5.35	4.33	6.8	5.78	**		-	-
	PLACE1001440	15.78	8.2	12.06	9.97	10.51	7.97	4.11	5.02	3.17	*		-	-
25	PLACE1001456	5.95	5.2	7.6	4.32	4.51	3.68	3.46	6.83	4.09				
	PLACE1001464	7.17	7.13	12.08	4.46	13.26	4.47	2.92	3.59	4.74	*		-	-
	PLACE1001468	5.87	5.89	7.51	4.49	7.19	3.15	4.98	3.89	5.45				
	PLACE1001484	1.93	2.72	3.26	3.17	5.24	2.3	3.27	1.7	4.61				
	PLACE1001500	5.55	5.43	7.47	3.4	4.88	4.91	3.43	5.41	4.22				
	PLACE1001502	10.13	6.73	10.36	4.95	5.09	3.9	4.24	7.4	4.55	*		-	-
30	PLACE1001503	18.94	15.22	23.11	6.62	14.6	9.42	9.19	12.06	11.69		*	-	-
	PLACE1001505	14.33	11.5	15.08	6.94	9.91	8.35	5.05	5.21	4.29	*	**	-	-
	PLACE1001513	9.76	7.84	14.27	4.51	12.01	5.72	4.02	6.18	4.23	*		-	-
	PLACE1001516	12.33	10.13	14.29	6.5	8.85	7.91	5.4	6.92	6.78	*	*	-	-
	PLACE1001517	22.78	28.63	26.65	15.6	22.43	12.49	25.55	23.34	19.3				
	PLACE1001523	4.85	4.2	4.25	1.46	3.64	2.44	3.61	4.37	5.02	*		-	-
35	PLACE1001526	15.63	6.8	12.63	5.9	5.99	8.7	6.38	8.18	11.68				
	PLACE1001534	13.26	10.83	12.93	4.83	7.66	4.05	5.45	22.34	4.41	**		-	-
	PLACE1001536	12.35	10.07	11.17	5.95	10.51	7.42	7.47	10.57	7.69				
	PLACE1001545	7.78	9.31	13.04	5.48	7.28	3.94	2.6	3.19	3.02	*		-	-
	PLACE1001551	11.64	13.9	20.49	7.15	9.98	9.21	7.74	8.57	7.76				
	PLACE1001564	5.33	7.01	11.33	5.64	6.02	6.32	3.9	3.45	6.93				
40	PLACE1001570	8.81	7.17	13.9	5.61	7.77	3.89	5.34	9.04	4.82				
	PLACE1001571	30.16	29.44	29.76	18.25	25.49	9.78	12.94	16.78	20.12		**	-	-
	PLACE1001595	49.16	53.02	65.48	26.84	29.86	29.28	20.63	17.19	22.48	**	**	-	-
	PLACE1001602	17.93	20.86	26.59	9.8	15.66	12.03	25.23	43.22	27.97	*		-	-
	PLACE1001603	16	11.85	13.84	6.26	7.5	5.17	10.37	25.06	14.43	**		-	-
	PLACE1001608	313.79	262.26	299.49	248.62	194.58	212.51	255.55	259.42	224.33	*		-	-
45	PLACE1001610	34.83	33.4	50.14	21.2	19.91	21.09	16.25	16.43	15.58	*	*	-	-
	PLACE1001611	16.58	14.57	13.52	8.27	15.57	6.53	5.96	3.97	4.4		**	-	-
	PLACE1001629	15.86	14.27	16.52	6.92	12.73	5.97	9.05	9.4	8.15	*	**	-	-
	PLACE1001632	15.6	14.68	11.95	5.15	11.43	6.76	4.77	3.59	2.95	*	**	-	-
	PLACE1001634	10.26	9.24	12.21	4.71	7.41	4.15	3.93	4.97	4.63	*	**	-	-
	PLACE1001637	29.75	28.67	36.48	16.79	19.46	16.75	23.41	26.79	22.84	**		-	-
50	PLACE1001640	28.95	18.03	24.89	16.93	21.97	12.71	8.91	11.62	9.32	*		-	-
	PLACE1001655	8.24	5.56	6.83	4.09	4.25	2.93	2.13	3.7	1.34	*	*	-	-
	PLACE1001672	8.84	18.15	13.66	4.81	11.29	4.01	5.1	4.86	14.47				
	PLACE1001676	39.58	47.75	47.96	23.16	26.28	21.88	31.5	32.99	28.58	**	**	-	-
	PLACE1001683	7.54	6.2	11.62	2.16	4.9	3.68	2.93	3.43	3.72	*		-	-
	PLACE1001691	10.4	6.5	11.03	4.05	13.34	5.07	4.28	5.31	2.34	*		-	-
55	PLACE1001692	3.74	6.24	4.95	3.58	3.97	3.4	3.88	3.22	2.42				
	PLACE1001705	11.04	7.84	13.66	10.64	5.83	6.51	5.2	5.34	3.62	*		-	-

Table 470

	PLACE1001716	13.89	6.26	12.85	5.68	7.61	3.53	6.17	4.09	5.84				
	PLACE1001720	20.23	23.86	21.86	17.41	19.42	17.41	10.68	9.34	8.72	*	**	-	-
5	PLACE1001728	21.97	14.68	15.36	7.87	10.67	10.96	10.39	5.46	5.25	*	*	-	-
	PLACE1001729	7.28	8.78	9.32	4.24	3.8	3.29	3.96	2.03	2.64	**	**	-	-
	PLACE1001739	18.08	18.75	18.08	11.34	16.38	11.72	10.55	8.26	8.75	*	**	-	-
	PLACE1001740	60.6	61.56	51.85	52.21	47.26	48.39	41.09	28.81	37.51	*	**	-	-
	PLACE1001745	155.43	121.46	146.04	80.69	92.15	78.37	106.17	102.99	100.25	**	*	-	-
	PLACE1001746	12.07	9.53	11.89	5.08	6.32	6.38	6.4	7.42	7.33	**	**	-	-
10	PLACE1001748	20.09	15.85	13.57	8.98	10.94	8.77	6.58	3.28	8.51	*	*	-	-
	PLACE1001753	8	5.61	7.17	2.42	2.42	2.08	3.13	1.99	2.1	**	**	-	-
	PLACE1001760	16.81	13.89	14.09	5.89	6.99	11.7	8.68	6.91	7.81	*	**	-	-
	PLACE1001767	7.75	5.83	9.04	3.14	5.53	2.6	2.92	2.72	1.2	*	**	-	-
	PLACE1001771	6.86	8.78	6.5	5.1	22.6	7.92	6.68	3.61	1.79			-	-
	PLACE1001775	10.25	8.72	8.89	5.62	4.98	4.94	5.79	4.51	5.33	**	**	-	-
15	PLACE1001777	55.87	33.24	46.38	19.69	26.37	22.71	26.45	22.89	29.83	*		-	-
	PLACE1001781	7.62	4.99	5.26	2.61	3.65	3.27	2.46	2.47	3	*	*	-	-
	PLACE1001783	8.67	3.54	4.17	1.75	1.71	2.1	2.79	1.87	2.94			-	-
	PLACE1001786	10.13	7.03	6.19	5.28	7.53	4.48	4.3	2.57	2.1	*		-	-
	PLACE1001788	9.62	8.2	7.79	2.13	3.02	3.67	3.87	1.93	2.04	**	**	-	-
20	PLACE1001795	12.86	13.57	11.91	3.76	6.82	4.77	2.63	4.68	2.65	**	**	-	-
	PLACE1001799	15.19	12.46	11.73	6.44	10.22	5.84	11.66	9.72	12.14	*		-	-
	PLACE1001810	19.9	17.99	15.3	8.61	16.81	15.9	19.42	15.41	19.52			-	-
	PLACE1001817	9.2	10.03	10.24	5.73	12.6	6.09	4.49	4.6	5.41	**	**	-	-
	PLACE1001821	8.12	9.65	9.24	5.34	5.81	5.22	5.09	4.7	3.49	**	**	-	-
	PLACE1001836	14.74	10.74	8.7	7.59	8.81	4.93	6.55	5.02	5			-	-
25	PLACE1001844	8.12	5.11	7.16	1.96	5.82	2.85	3.18	2.67	1.5	*		-	-
	PLACE1001845	13.24	11.82	8.77	7.59	7.48	3.74	4.84	2.2	2.42	**	**	-	-
	PLACE1001858	9.06	7.62	7.23	4.16	3.93	3.22	7.66	3.49	3.91	**		-	-
	PLACE1001869	5.88	6.08	4.84	3.37	6.33	2.79	3.14	2.33	2.54	**	**	-	-
	PLACE1001880	14.71	9.13	7.02	7.27	10.27	7.92	6.48	7.41	7.57			-	-
	PLACE1001897	21.63	13.66	12.13	7	10.58	7.47	6.17	7.42	7.81	*		-	-
30	PLACE1001902	25.9	24.36	23.51	11.89	19.02	13.01	23.32	19.87	28.51	*		-	-
	PLACE1001904	4.8	4.58	4.71	4.2	4.02	2.48	4	1.2	3.18			-	-
	PLACE1001907	11.99	11.09	12.77	4.36	7.42	4.55	5.4	2.81	6.4	**	**	-	-
	PLACE1001910	17.55	13	11.78	10.79	10.86	3.78	8.75	3.34	6.51	*		-	-
	PLACE1001912	16.99	20.76	18.01	10.56	10.89	7.91	12.99	8.39	12.1	**	*	-	-
	PLACE1001918	10.35	11.16	9.4	5.64	8.81	4.76	8.14	4.97	7.28	*	*	-	-
35	PLACE1001920	3.62	1.84	1.09	2.06	2.78	2.12	0.89	2.37	2.67			-	-
	PLACE1001928	33.91	29.31	26.67	16.07	24.12	10.81	21.1	17.01	25.49	*		-	-
	PLACE1001930	13.35	8.41	9.7	5.16	9.65	8.14	5.7	4.65	9.73			-	-
	PLACE1001949	83.24	64.21	68.63	50.5	75.89	66.37	92.93	85.41	92.12	*		-	-
	PLACE1001959	8.04	5.93	10.64	4.56	6.1	3.95	4.33	5.06	5.07			-	-
	PLACE1001969	8.52	5.51	4.9	2.62	4.36	2.04	3.84	2.43	3.2			-	-
40	PLACE1001974	16.8	19.43	17.28	9.77	10.54	5.8	6.88	5.43	6.49	**	**	-	-
	PLACE1001981	11.42	11.82	8.18	7.19	8.78	5.34	7.9	5.15	5.59	*		-	-
	PLACE1001983	9.22	8.71	12.62	5.54	7.95	6.32	7.39	5.63	6.5			-	-
	PLACE1001989	27.47	22.77	28.46	13.3	18.78	12.49	12.35	16.17	10.35	*	**	-	-
	PLACE1002004	8.73	7.48	9.33	6.79	9.77	5.49	6.57	6.13	4.33	*		-	-
	PLACE1002008	10.54	8.97	12.2	6.77	11.46	10.25	3.74	7.33	3.11	*		-	-
45	PLACE1002015	12.37	10.1	13.36	6.64	10.58	8.15	7.89	14.69	9.22			-	-
	PLACE1002044	18.51	15.04	21.28	6.21	11.74	9.02	6.6	10.2	12.21	*	*	-	-
	PLACE1002046	3.16	4.19	5.33	2.46	6.56	3.13	3.41	1.95	2.73			-	-
	PLACE1002052	4.29	2.34	2.47	1.89	4.94	1.55	4.09	3.83	3.62			-	-
	PLACE1002066	4.5	3.49	6.01	2.29	3.79	2.93	3.54	3.65	2.92			-	-
	PLACE1002072	6.4	5.54	6.91	3.66	5.16	4.7	3.95	6.12	2.07	*		-	-
50	PLACE1002073	12.89	11.8	16.36	10.66	11.47	7.97	5.88	5.64	4.74	**	**	-	-
	PLACE1002080	18.63	22.97	23.1	12.21	18.28	13.9	13.6	15	15.2	*	*	-	-
	PLACE1002081	23.13	27.18	27.3	14.91	18.06	14.86	16.14	20.45	20.82	**	*	-	-
	PLACE1002090	11.49	14.13	12.79	4.54	7.24	4.65	4.29	3.51	5.75	**	**	-	-
	PLACE1002095	5.46	5.54	4.46	5.08	11.47	7.41	4.99	5.27	7.8			-	-
	PLACE1002102	8.22	13.54	14.09	8.11	14.1	7.74	9.04	16.2	14.08			-	-
55	PLACE1002109	17.45	10.93	19.35	12.82	7.15	7.61	9.22	12.81	9.47			-	-
	PLACE1002115	6.48	5.79	9.09	2.86	4.39	3.56	3.32	3.75	3.44	*	*	-	-
	PLACE1002119	3.98	5.58	7.03	2.87	6.47	3.2	3.72	4.12	4.62			-	-

Table 471

	PLACE1002140	8.54	9.5	15.02	4.83	8.98	6.88	2.91	6.38	4.28	*	-
	PLACE1002150	27.18	33.61	30.05	18.28	25.09	23.98	12.7	14.95	15.29	**	-
5	PLACE1002153	173.25	217.95	284.37	422.44	424.65	291.99	262.39	242.27	220.74	*	+
	PLACE1002157	7.42	5.99	8.84	3.16	6.59	2.52	3.59	2.5	5.34	*	-
	PLACE1002163	9.5	10.33	17.51	4.81	9.35	4.71	6.61	8.07	8.46	*	-
	PLACE1002168	406.19	407.62	562.52	187.65	80.86	161.78	377.56	231.11	429.49	**	-
	PLACE1002170	23.07	18.68	22.02	9.58	14.95	10.12	4.39	9.86	5.14	*	-
	PLACE1002171	118.3	86.27	82.5	107.58	135.49	96.73	60.2	59.88	56.63	*	-
10	PLACE1002180	12.53	12.02	17.4	11.66	15.77	12.8	11.61	13.11	10.84	*	-
	PLACE1002184	76.94	90.34	67.89	42.12	70.86	43.23	20.87	27.8	29.07	**	-
	PLACE1002200	5.64	6.44	11.56	2.73	4.37	3.29	2.8	2.86	3.48	*	-
	PLACE1002205	5.47	5.6	9.09	2.28	6.05	2.28	3.51	2.6	1.9	*	-
	PLACE1002213	11	9.68	7.88	3.37	8.5	3.33	5.73	2.26	4.33	*	-
	PLACE1002219	30.67	24.88	33.1	11.7	18.03	17.11	5.85	10.58	12.01	*	-
15	PLACE1002227	5.38	6.1	6.51	3.19	5.95	3.48	3.48	8.52	2.37	*	-
	PLACE1002253	7.93	4.46	10.74	3.51	5.52	2.84	4.18	3.76	3.24	*	-
	PLACE1002256	10.19	4.49	11.42	3.66	5.44	3.17	1.81	4.48	5.21	*	-
	PLACE1002259	6.68	9.14	16.04	2.32	8.56	3.26	2.76	5.45	13.61	*	-
	PLACE1002285	15.21	20.2	16.69	10.84	18.4	10.19	8.14	7.95	6.12	**	-
	PLACE1002301	11.84	7.92	13.87	3.5	5.75	4.91	3.98	8.04	4.04	*	-
20	PLACE1002310	9.3	8.21	7.36	1.56	5.25	3.56	3.57	2.81	3.34	*	-
	PLACE1002311	6.47	4.93	7.42	3.5	5.65	2.75	2.49	2.97	1.32	*	-
	PLACE1002319	23.43	17.43	19.83	7.96	14.77	10.74	10.78	13.23	11.96	*	-
	PLACE1002329	7	4.89	6.25	3.06	3.73	2.65	1.68	2.85	1.64	*	-
	PLACE1002333	16.35	14.3	13.78	9.29	11.1	10.53	8.49	6.32	5.51	**	-
	PLACE1002342	14.18	15.16	20.35	5.96	11.78	6.24	4.58	8.15	6.84	*	-
25	PLACE1002343	9.54	8.56	16.64	3.45	4.23	3.21	2.86	1.85	3.18	*	-
	PLACE1002355	8.47	11.34	12.23	4.32	8.27	5.65	2.98	2.78	4.19	*	-
	PLACE1002358	6.25	5.01	7.85	2.33	4.09	1.66	2.63	1.27	2.04	*	-
	PLACE1002359	94.59	64.3	78.26	42.47	26.68	29.68	51.17	53.76	59.14	**	-
	PLACE1002374	11.64	7.08	11.73	4.84	7	4.57	3.23	3.62	3.66	*	-
30	PLACE1002376	10.84	6.42	7.57	6.56	6.2	4.93	8.79	6.04	6.62	*	-
	PLACE1002379	14.26	10.82	12.17	6.95	8.14	6.98	5.34	4.44	3.6	**	-
	PLACE1002386	7.89	3.52	7.76	1.91	2.26	2.95	2.4	2.03	2.94	*	-
	PLACE1002395	17.68	20.65	22.77	6.45	9.6	7.04	4.3	2.63	2.39	**	-
	PLACE1002399	9.59	8.59	10	4	5.08	4.5	2.83	2.8	3.46	**	-
	PLACE1002407	14.84	17.54	12.15	4.78	9.29	6.64	5.32	3.95	6.87	*	-
35	PLACE1002433	18.89	14.68	17.11	8	12.47	6.81	12.74	12.61	16.41	*	-
	PLACE1002437	6.94	5.04	7.88	4.77	3.72	3.8	1.97	3.5	4.81	*	-
	PLACE1002438	8.47	9.76	8.93	6.11	6.03	2.52	3.69	3.74	4.56	*	-
	PLACE1002446	61.22	60.91	53.35	35.08	40.23	34.18	52.04	54.81	48.63	**	-
	PLACE1002447	50.06	38.25	48.75	30.92	38.93	28.36	28.38	23.5	18.47	**	-
	PLACE1002450	8.68	4.18	8.14	2.56	3.07	3.06	3.45	3.27	1.66	*	-
40	PLACE1002462	20.62	21.36	20.69	8.83	13.93	7.63	14.57	11.43	17.67	**	-
	PLACE1002465	6.3	10.21	4.45	2.37	6.62	4.25	3.41	1.81	3.99	*	-
	PLACE1002474	8.9	10.86	8.01	5.33	8.28	3.73	2.36	3.29	4.22	**	-
	PLACE1002477	10.23	12.91	13.31	8.45	8.55	11.89	12.5	6.6	14.96	*	-
	PLACE1002493	5.44	5.3	4.56	4.99	2.63	4.56	5.81	1.5	1.86	*	-
	PLACE1002497	9.23	6.42	6.03	5.54	3.94	3.18	4.77	3.01	2.42	*	-
45	PLACE1002499	28.78	23.91	22.93	13.59	10.19	9.79	16.45	7.7	12.71	**	-
	PLACE1002500	9.83	6.14	9.08	4.34	6.18	2.49	5.4	1.41	3.42	*	-
	PLACE1002514	57.39	61.96	51.39	31.16	36.96	26.56	53.37	39.47	40.85	**	-
	PLACE1002518	7.97	7.12	4.14	3.92	5.36	3.52	3.58	1.82	2.65	*	-
	PLACE1002529	14.35	10.84	8.84	6.09	12.13	6.95	3.37	3.6	3.7	**	-
	PLACE1002532	6.92	6.97	5.35	4.94	5.47	4.76	4.62	5.36	3.19	*	-
50	PLACE1002536	9.3	12.32	10.38	5.35	4.64	5.41	7.12	5.91	4.59	**	-
	PLACE1002537	7.11	8.85	6.37	5.99	5.45	6.3	4.25	3	3.53	**	-
	PLACE1002539	7.92	6.45	7.28	2.97	5.46	7.97	2.07	2.63	4.82	*	-
	PLACE1002547	14.65	14.48	12.7	9.78	11.89	6.33	5.01	4.47	6.38	**	-
	PLACE1002571	27.85	40.71	17.49	16.84	14.71	12.01	13.72	7.48	9.31	*	-
	PLACE1002576	11.7	10.9	10.03	8.42	11.59	6.31	11.22	5.24	9.68	*	-
55	PLACE1002583	12.45	8.98	8.93	4.7	6.58	5.37	8.92	7.31	10.13	*	-
	PLACE1002591	14.95	9.64	30.65	14.99	14.6	1.99	10.65	10.99	7.37	*	-
	PLACE1002598	134.77	135.3	115.7	105.05	127.67	81.8	77.51	75.71	89.77	**	-

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	PLACE1002604	8.27	3.87	5.87	4.56	4.62	4.03	4.08	2.97	4.32				
	PLACE1002612	7.74	6.07	5.48	4.79	5.04	4.26	2.87	1.84	4.68	*		-	
5	PLACE1002625	8.98	7.38	5.26	3.91	6.23	4.29	4.63	2.42	5.37				
	PLACE1002636	10.71	6.82	9.31	4.39	4.89	3.67	4.86	2.91	4.12	*	*	-	-
	PLACE1002655	20.05	17.22	10.12	8.15	9.62	8.51	4.45	4.4	4.69	*		-	
	PLACE1002665	2.85	2.11	1.16	1.34	3.18	0.77	1.35	1.74	1.47				
	PLACE1002685	40.11	36.95	37.09	21.27	32.67	18.25	35	28.12	33.61	*		-	
	PLACE1002692	10.4	8.99	7.49	3.22	6.32	3.77	7.61	3.76	5.83	*		-	
10	PLACE1002714	16.77	11.38	9.27	6.42	9.93	4.45	11.48	11.6	13.87				
	PLACE1002721	75.97	53.95	40.28	41.2	57.12	33.39	36.52	34.39	33.55				
	PLACE1002722	22.13	17.93	14.21	5.69	15.15	8.22	22.92	15.1	22.19				
	PLACE1002726	7.85	7.95	6.76	3.03	4.47	1.55	5.1	2.92	3.72	**	**	-	-
	PLACE1002756	11.64	12.77	9.75	6.41	12.37	7.42	9.89	7.27	9.98				
	PLACE1002768	14.14	13.66	17.41	6.96	8.91	8.35	8.23	12.96	13.43	**		-	
15	PLACE1002772	11.58	12.05	13.28	5.34	9.18	5.42	7.04	6.7	6.74	*	**	-	-
	PLACE1002775	3.87	3.22	3.82	4.05	3.19	0.98	1.6	5	2.48				
	PLACE1002780	8.73	8.1	8.81	2.91	6.16	2.92	3.15	6.37	4.26	*	*	-	-
	PLACE1002782	15.09	16.8	18.22	6.13	9.37	3.95	11.73	13.03	12.96	**	*	-	-
	PLACE1002784	41.39	43.8	46.4	31.76	35.79	20.44	25	22.44	21	*	**	-	-
20	PLACE1002795	26.08	25.22	25.57	11.54	12.89	13.19	17.32	17.1	14.49	**	**	-	-
	PLACE1002811	45.78	45.63	45.46	25.72	32.56	23.15	17.78	22.39	22.65	**	**	-	-
	PLACE1002815	15.82	13.42	19.22	7.58	7.46	5.59	11.61	7.34	8.29	**	*	-	-
	PLACE1002816	4.86	2.68	5.34	8.68	10.83	8.75	3.44	3.56	2.71	**		+	
	PLACE1002822	12.2	11.93	11.07	6.15	11.75	10.18	7.41	12.24	8.12				
	PLACE1002833	9.14	11.66	12.33	5.57	7.46	7.07	4.75	8.35	4.08	*	*	-	-
	PLACE1002834	6.07	5.81	8.84	3.09	3.53	4.27	1.8	2.98	2.41	*	*	-	-
25	PLACE1002835	58.22	46.91	63.08	49.95	62.63	44.56	42.91	35.34	35.49	*		-	-
	PLACE1002839	20.38	22.46	21.91	8.31	11	7.79	15.07	14.42	13.25	**	**	-	-
	PLACE1002851	24.75	15.11	15.09	7.91	14.09	8.63	20.69	22.56	25.92				
	PLACE1002853	17.64	15.34	22.8	5.52	6.45	6.1	6.28	8.18	4.17	**	**	-	-
	PLACE1002881	24.86	14.92	26.75	13.38	16.28	13.04	14.2	20.46	17.04				
30	PLACE1002901	14.25	14.06	17.74	6.8	8.96	8.66	8.78	4.53	4.12	**	**	-	-
	PLACE1002904	18.88	26.12	22.33	14.53	22.41	13.83	9.21	13.95	10.54	*		-	-
	PLACE1002905	4.41	8.93	12	2.54	8.87	4.07	3.83	5.83	4.18				
	PLACE1002908	13.22	16.1	15.63	15.4	12.89	11.14	8.47	5.63	8.35	**		-	-
	PLACE1002911	10.97	9.2	9.02	6.7	11.96	7.89	5.04	4.71	5.5	**		-	-
	PLACE1002941	15.88	10.4	17.73	6.14	8.22	5.77	14.58	18	12.89	*		-	-
35	PLACE1002950	23.65	20.5	17.79	16.96	17.44	5.49	24.31	14.61	17.93				
	PLACE1002955	5	5.58	7.97	3.29	6.71	3.61	3.06	3.96	2.19	*		-	-
	PLACE1002958	88.1	92.98	103.56	90.74	91.81	78.41	59.31	53.18	47.63	**		-	-
	PLACE1002962	3.13	4.33	9.15	0.9	4.01	2.47	0.8	0.76	1.87				
	PLACE1002967	35.4	50.14	51.41	21.55	34.48	29.97	31.88	26.21	37.19				
	PLACE1002968	4.93	4.01	6.65	3.18	3.05	1.93	2.74	2.46	2.95	*	*	-	-
40	PLACE1002976	59.32	76.52	110.97	52.57	103.04	77.15	42.49	35.2	48.8				
	PLACE1002991	6.98	4.41	7.57	2.11	5.56	3.18	2.77	5.13	6.66				
	PLACE1002993	13.31	16.98	19.44	6.64	17.73	10.56	9.53	20.73	7.89				
	PLACE1002996	33.54	26.83	25.33	24.84	36.88	25.62	15.5	28.74	20.59				
	PLACE1003010	5.97	5.37	8.7	4.68	3.28	4.88	3.8	4.41	3.12				
	PLACE1003025	19.13	20.65	29.6	10.42	22.81	11.62	14.02	22.04	12.57				
45	PLACE1003027	4.81	4.57	8.94	2.3	4.47	0.55	3.14	5.14	2.31				
	PLACE1003044	13.45	13	13.59	5.33	7.16	6.74	3.17	4.52	2.59	**	**	-	-
	PLACE1003045	16.2	13.12	16.27	11.21	14.83	10.08	8.58	7.66	5.73	**		-	-
	PLACE1003052	15.28	13.65	16.48	5.57	12.75	6.74	15.39	12.34	13.31	*		-	-
	PLACE1003083	26.86	32.06	29.48	16.75	26.42	15.92	23.57	20.32	20.14	*		-	-
	PLACE1003085	11.46	7.5	13.4	5.76	9.36	4.66	6.66	6.58	5.57				
50	PLACE1003092	13.44	11.78	13.5	8.16	11.43	7.08	8.07	7.87	6.9	*	**	-	-
	PLACE1003097	6.17	6.46	16.32	3.05	5.89	3.08	3.13	5.88	4.77				
	PLACE1003100	36.23	40.39	38.56	32.04	32.87	28.75	26.62	23.05	18.02	*	**	-	-
	PLACE1003108	11.34	8.75	20.83	7.36	13.72	5.15	3.96	4.75	4.82				
	PLACE1003116	7.34	6.75	7.41	3.32	6.32	2.75	1.65	0.73	1.92	**		-	-
	PLACE1003120	12.49	11.78	16.03	7.63	9.21	4.76	11.87	11.32	7.77	*		-	-
55	PLACE1003135	7.09	5.05	7.89	3.8	2.81	2.79	2.64	3.42	1.44	*	*	-	-
	PLACE1003136	68.81	77.15	81.76	65.96	72.38	60.39	44.74	38.52	47.1	**		-	-
	PLACE1003141	9.02	4.98	11.12	4.59	4.76	5.17	4.62	5.32	3.84				

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	PLACE1003145	12.65	9.94	12.43	3.74	5.65	4.53	6.94	8.05	4.35	**	*	-	-
	PLACE1003147	26.48	26.41	26.84	11.9	16.38	12.11	16.22	18.19	14.71	**	**	-	-
5	PLACE1003153	10.51	10.55	11.78	2.97	6.22	4.35	5.52	7.01	3.61	**	**	-	-
	PLACE1003163	8.08	7.83	4.23	1.17	6.16	2.64	1.92	2.39	2.29		*	-	-
	PLACE1003172	11.82	10	15.87	-6.77	13.23	9.45	7.97	8.79	7.46		*	-	-
	PLACE1003174	15.37	9.05	12.28	9.12	4.76	2.9	4.07	4.06	4.97		*	-	-
	PLACE1003176	5.18	3.89	6.16	2.81	3.31	2.68	2.96	3.04	2.06	*	*	-	-
	PLACE1003181	9.36	6.29	8.52	1.78	2.48	3.42	2.28	1.97	1.19	**	**	-	-
10	PLACE1003184	23.08	18.89	20.23	9.3	11.84	12.17	13.78	13.13	10.63	**	**	-	-
	PLACE1003190	8.27	8.79	9.4	3.25	4.54	3.59	4.27	2.82	4.68	**	**	-	-
	PLACE1003200	9.79	7.56	9.39	2.41	6.08	2.83	2.42	1.72	3.3	*	**	-	-
	PLACE1003205	126.72	130.26	137.95	113.01	122.92	109.79	99.16	86	89.92	*	**	-	-
	PLACE1003209	2.16	16.18	2.48	0.47	10.18	0.97	2.71	3.36	3.16			-	-
	PLACE1003214	22.58	19.76	20.17	11.54	15.74	15.47	11.96	12.4	14.5	*	**	-	-
15	PLACE1003229	11.83	11.81	10.65	4.92	4.84	3.94	7.34	5.53	5.38	**	**	-	-
	PLACE1003238	8.67	6.17	6.07	3.06	1.84	4.56	1.99	2.39	2.01	*	**	-	-
	PLACE1003248	64.47	55.31	48	33.64	42.61	31.3	33.47	28.86	18.94	*	*	-	-
	PLACE1003256	18.3	25.49	17.26	10.97	13.36	18.51	17.3	11.04	4.08			-	-
	PLACE1003258	49.07	49.35	44.47	34.46	50.32	29.75	23.51	18.19	23.43	**		-	-
	PLACE1003279	10.3	14.58	7.71	5.42	10.68	4.9	6.28	3.11	11.78			-	-
20	PLACE1003294	21.78	16.35	23.18	6.69	11.5	6.25	12.62	8.7	9.35	*	*	-	-
	PLACE1003296	42.17	40.86	35.97	38.78	41.16	32.25	23.79	17.48	17.34	**	**	-	-
	PLACE1003297	49.69	50.94	40.2	15.98	31.29	21.96	19.68	11.27	24.02	*	**	-	-
	PLACE1003302	25.32	31.25	29.06	9.93	15.98	12.55	24.23	16.15	20.93	**	*	-	-
	PLACE1003334	185.2	152.92	141.49	146.89	154.17	125.41	110.94	69.78	76.19	*		-	-
	PLACE1003337	48.98	43.27	41.6	31.2	33.91	22.01	17.95	11.14	16.35	*	**	-	-
25	PLACE1003342	33.19	37.72	34.03	17.42	45.69	20.1	23.58	17.03	23.28	**		-	-
	PLACE1003343	6.84	5.22	10.11	7.16	4.99	3.86	5.46	2.81	3.26			-	-
	PLACE1003344	11.02	7.76	2.99	1.99	8.29	3.43	7.57	2.34	3.75			-	-
	PLACE1003353	19.54	21.69	17.69	8.25	8.74	5.2	10.76	10.8	13.5	**	**	-	-
	PLACE1003361	44.83	37.64	33.66	33.83	37.42	32.13	26.59	20.73	23.72	*		-	-
30	PLACE1003366	12	18.42	15.82	7.6	12.12	4.37	10.36	5.92	5.45	*		-	-
	PLACE1003369	4.81	3.43	3.93	0.94	3.73	1.31	1.63	1.07	0.84	**		-	-
	PLACE1003372	13.64	7.8	10.54	3.88	10.47	3.36	4.52	1.77	3.52	*		-	-
	PLACE1003373	8.88	8.18	9.38	3.94	3.76	0.99	4.29	2.31	3.38	**	**	-	-
	PLACE1003375	22.91	23.46	16.65	11.55	17.67	11.28	29.27	13.77	19.27			-	-
	PLACE1003378	1.92	0.43	0.47	1.45	0.86	1.22	0.77	0.97	0.76			-	-
35	PLACE1003383	15.75	12.58	10.55	7.3	8.49	3.81	2.43	7.46	2.15	*	*	-	-
	PLACE1003394	19.46	13.29	10.26	6.3	12.66	5.09	11.98	10.6	17.14			-	-
	PLACE1003401	8.87	6	5.04	3.66	4.75	2.93	5.66	3.3	5.47			-	-
	PLACE1003405	7.6	8.07	5.91	3.39	5.27	4.58	4.12	1.47	2.3	*	*	-	-
	PLACE1003407	10.24	7.49	7.79	2.43	3.28	2.12	4.16	2.37	3.5	**	**	-	-
	PLACE1003420	7.71	5.57	6.39	3.78	6.36	2.21	2.89	1.88	2.26	**		-	-
40	PLACE1003428	6.55	5.9	4.45	2.19	4.16	0.9	3.49	2.31	8.87	*		-	-
	PLACE1003432	51.6	69.55	75.77	36.76	44.92	44.22	42.27	64.14	52.55	*		-	-
	PLACE1003438	1.98	2.35	1.48	2.21	4.73	1.43	4.08	0.93	0.7			-	-
	PLACE1003452	3.01	3.41	4.3	1.8	3.84	2.08	2.34	2.25	1.64	*		-	-
	PLACE1003454	3.87	4.87	5.58	2.54	4.5	3.92	2.57	2.43	1.33	*		-	-
	PLACE1003455	2.92	2.41	4.04	1.6	1.9	1.64	1.75	0.8	1.88	*	*	-	-
45	PLACE1003456	2.36	4.17	3.63	2.06	10.37	2.22	2.4	1.94	0.64			-	-
	PLACE1003460	4.76	5.09	4.73	4.08	6	2.64	6.38	3.46	2.92			-	-
	PLACE1003478	6.15	2.11	2.66	1.92	3.96	2	5.39	1.91	4.04			-	-
	PLACE1003484	6.84	8.17	8.98	4.36	6.73	3.1	4.12	4.68	4.63	**		-	-
	PLACE1003493	83.14	41.9	88.74	60.01	72.45	45.07	64.55	71.53	53.96			-	-
	PLACE1003503	7.36	5.03	5.29	1.12	3.91	3.51	2.36	3.64	2.4	*		-	-
50	PLACE1003505	32.2	45.22	38.51	20.24	36.17	23.66	24.44	34.5	27.01			-	-
	PLACE1003516	7.02	7.8	7.71	2.88	5.85	3.76	2.24	2.98	3.86	*	**	-	-
	PLACE1003519	4.06	1.81	5.55	3.83	3.85	1.91	2.58	1.64	0.34			-	-
	PLACE1003520	12.72	16.96	9.15	8.71	16.58	8.45	4.85	6.39	5.22	*	*	-	-
	PLACE1003521	14.95	10.13	14.17	6.02	7.53	5.56	6.77	8.38	4.75	*	*	-	-
	PLACE1003525	20.17	19.13	25.59	15.85	14.55	12.63	20.97	18.71	22.36	*		-	-
55	PLACE1003528	35.65	25.12	43.38	21.63	30.38	28.64	16.02	24.64	18.65			-	-
	PLACE1003529	11.19	16.69	21.6	20.8	16.66	31.76	18.24	15.7	15.44			-	-
	PLACE1003537	3.15	4.02	8.21	3.24	3.64	3.89	1.76	2.65	2.32			-	-

Table 474

	PLACE1003549	16.21	19.52	27.74	11.72	18.71	13.09	12.65	15.02	13.74			
	PLACE1003553	12.63	20.69	18.89	10.17	18.28	8.51	8.12	9.44	8.9	*	-	
5	PLACE1003556	9.49	12.35	9.77	7.53	10.49	7.08	3.77	4.66	6.9	*	-	
	PLACE1003568	5.3	4.9	19.78	3.8	7.59	3.87	5.3	6.3	4.21			
	PLACE1003573	32	27.25	37.46	17.52	23.28	16.23	15	18.28	19.13	*	**	-
	PLACE1003575	66.07	60.03	70.99	42.8	62.9	38.6	75.17	59.46	62.58			
	PLACE1003583	8.33	4.65	6.88	3.47	6.26	5.07	2.38	3.4	4.1	*	-	
	PLACE1003584	12.09	10.66	18.02	7.17	8.48	19.2	8.54	7.15	2.79			
10	PLACE1003592	29.77	33.55	28.89	21.34	26.31	15.85	12.59	8.49	12.12	*	**	-
	PLACE1003593	7.15	3.54	8.27	3.34	2.24	1.83	3.11	5.19	5.45			
	PLACE1003594	7.18	8.49	9.31	5.03	6.61	3.38	4.99	3.18	2.37	*	**	-
	PLACE1003596	5.11	3.13	4.25	2.82	5	3.14	3.75	4.1	3.76			
	PLACE1003598	31.57	29.75	31.55	14.81	20.6	17.31	5.31	17.81	7.34	**	**	-
	PLACE1003602	6.51	2.47	7.47	1.84	4.91	0.98	2.4	4.6	2.56			
15	PLACE1003605	10	6.14	7.29	5.28	8.85	3.75	6.45	5.07	2.93			
	PLACE1003611	15.84	16.54	24.25	11	9.1	12.46	10.14	10.62	12.83	*	-	
	PLACE1003618	7.78	7.74	12.1	3.49	6.12	2.68	4.58	5.29	6.93	*	-	
	PLACE1003625	14.19	21.53	18.27	11.53	22.81	17.82	13.8	9.54	11.86			
	PLACE1003626	11.55	14.38	14.6	5.94	11.97	7.26	4.57	4.49	2.04	**	-	
	PLACE1003630	3.86	4.65	3	4.62	4.58	3.02	3.68	3.68	1.65			
20	PLACE1003635	8.33	7.29	10.19	5.35	5.59	4.6	3.51	4.48	4.17	*	**	-
	PLACE1003636	4.33	3.09	4.93	3.86	6.02	2.38	2.01	3.6	1.35			
	PLACE1003644	35.03	24.77	24.25	19.14	20.11	17.95	8.77	10.6	6.97	**	-	
	PLACE1003654	75.56	74.57	74.52	77.61	72.17	67	35.39	33.92	31.06	**	-	
	PLACE1003656	7.81	5.19	8.37	3.06	4.32	3.8	1.16	1.63	2.96	*	-	
	PLACE1003660	16.25	21.8	21.11	12.32	17.1	13.06	14.44	12.72	12.99	*	-	
25	PLACE1003669	12.05	8.79	12.65	4.93	9.33	7.48	3.9	4.69	4.41	**	-	
	PLACE1003670	110.15	83.05	76.99	55.55	52.05	50.36	48.6	63.39	52.6	*	*	-
	PLACE1003671	11.47	3.49	4.69	7.13	4.59	4.35	3.71	2.69	2.22			
	PLACE1003697	9.65	10.83	16.05	9.21	10.08	8.25	6.51	4.97	6.76	*	-	
	PLACE1003704	10.59	7.92	10.14	6.15	6.81	6.51	4.22	3.63	3.86	*	**	-
30	PLACE1003709	9.06	8.99	10.78	5.34	6.7	5.47	3.53	3.36	1.83	**	**	-
	PLACE1003711	28.05	31.28	32.33	21.12	31.77	27.07	16.12	16.73	14.21	**	-	
	PLACE1003723	27.32	34.97	28.91	18.16	26.8	21.24	17.63	17.4	10.81	**	-	
	PLACE1003724	29.33	36.12	25.65	19.94	34.26	21.71	26.66	13.83	15.71			
	PLACE1003737	8.24	6.31	9.31	2.89	4.06	2.72	3.31	2.56	3.28	**	-	
	PLACE1003738	5.02	4.71	5.03	8.76	2.78	9.43	1.8	2.2	2.93	**	-	
35	PLACE1003742	17.85	18.69	20.82	14.24	7.57	8.14	10.49	8.98	8.16	*	**	-
	PLACE1003744	5.48	2.82	3.4	0.66	1.04	1.08	1.74	1.94	0.38	*	-	
	PLACE1003758	23.32	22.73	21.79	9.9	15.26	16.38	15.29	14.75	13.36	*	**	-
	PLACE1003760	40.1	57.96	44.54	28.85	37.15	22.14	11.09	14.54	11.41	**	-	
	PLACE1003762	65.35	58.09	77.98	35.3	88.27	46.92	46.48	32.75	38.3	*	-	
	PLACE1003765	93.01	107	70.69	55.75	97.14	46.35	33.33	44.53	44.51	*	-	
40	PLACE1003768	34.07	21.23	23.34	10.87	13.6	6.67	25.2	17.43	28.3	*	-	
	PLACE1003771	5.38	5.57	5.27	3.47	7.27	2.71	1.77	1.77	2.44	**	-	
	PLACE1003772	5.63	7.96	4.89	1.17	7.74	2.12	3.12	2.24	2.28	*	-	
	PLACE1003783	5.15	3.84	3.95	2.36	3.83	1.92	1.65	1.17	0.84	**	-	
	PLACE1003784	5.59	6.96	5.68	2.81	4.01	2.73	3.1	2.42	1.88	**	**	-
	PLACE1003788	34.98	33.59	27.31	19.49	15.1	21.27	12.2	5.92	10.73	*	**	-
45	PLACE1003795	26.48	33.02	23.72	12.5	28.84	12.28	23.33	16.94	16.45			
	PLACE1003827	9.74	8.51	10.55	21.41	16.48	10.33	5.7	3.14	1.91	**	-	
	PLACE1003833	14.14	10.78	12.27	5.74	8.62	5.66	5.59	6.29	7.37	*	**	-
	PLACE1003839	259.31	241.18	222.89	217.52	173.45	205.17	163.55	139.4	151.61	**	-	
	PLACE1003845	69.72	60.2	118.04	40.89	28.14	26.89	48.08	43.86	45.73			
	PLACE1003850	9.53	11.45	9.42	3.3	8.43	5.88	6.51	3.87	5.97	*	-	
50	PLACE1003852	32.49	28.32	26.73	21.76	30.69	26.63	18.45	14.12	17.92	**	-	
	PLACE1003858	19.9	13.83	13.86	8.03	12.82	5.24	7.08	4.19	7.71	*	-	
	PLACE1003861	40.22	66.3	33.51	12.47	57.37	18.72	33.23	18.67	19.13			
	PLACE1003864	34.51	84.76	122.59	61.83	70.16	55.03	69.32	56.31	42.37			
	PLACE1003870	9.43	6.5	5.9	2.94	3.32	3.4	5.69	3.86	5.74	*	-	
	PLACE1003885	10.07	6.76	3.91	3.5	6.22	3.91	3.49	3.72	6.33			
55	PLACE1003886	12.66	12.76	10.57	6.28	9.54	3.51	13.66	8.88	12.28	*	-	
	PLACE1003888	15.48	13.6	17.45	7.94	12.36	6.23	14.56	8.73	9.07	*	-	
	PLACE1003892	6.59	4.85	8.21	5.64	7.14	2.75	3.77	2.15	4.24			

Table 475

	PLACE1003900	9.05	5.59	5.53	3.41	9.33	4.49	4.41	6.87	4.79				
	PLACE1003902	9.43	6.06	7.46	2.35	3.67	1.76	3.96	1.76	3.05	*	*	-	-
	PLACE1003903	17.33	19.36	14.55	9.42	10.87	10.03	9.08	6.56	7.77	**	**	-	-
5	PLACE1003915	14.67	18	11.19	12.64	10.36	9.98	8.5	5.29	8.8		*	-	-
	PLACE1003918	10.58	6.62	8.73	7.34	5.29	3.45	7.05	5.69	4.94				
	PLACE1003923	11.24	8.95	4.47	2.95	4.6	4.65	4.65	3.26	3.87				
	PLACE1003932	9.02	5.88	4.39	2.18	9.39	4.8	6.3	4.31	5.14				
	PLACE1003936	11.92	7.46	8.85	2.47	4.23	4.36	9.51	9.11	10.65	*		-	-
10	PLACE1003966	11.6	10.3	9.01	5.2	6.1	4.37	6.77	5.83	6.22	**	**	-	-
	PLACE1003968	4.88	5.07	4.71	0.66	3.28	0.8	3.51	1.87	0.72	*	*	-	-
	PLACE1004018	4.89	2.45	2.55	4.7	8.1	2.19	2.99	1.85	1.89				
	PLACE1004020	12.24	14.87	17.86	7.54	8.19	5.65	7.35	9.99	10.06	*	*	-	-
	PLACE1004028	2.49	1.88	2.35	1.78	7.14	2.28	1.01	1.49	0.82		*	-	-
	PLACE1004034	6.5	4.91	7.64	2.7	5.45	2.86	3.71	3.07	1.75		*	-	-
15	PLACE1004042	5.94	2.98	4.53	2.04	4.08	3.55	3.58	3.9	2.95				
	PLACE1004078	6.26	4	5.13	2.35	3.57	1.92	1.94	3.66	4.31	*		-	-
	PLACE1004103	4.16	6.73	8.68	2.05	3.45	2.36	1.89	0.91	3.01	*	*	-	-
	PLACE1004104	0.6	1.12	3	1.89	7.2	1.01	1.88	2.79	1.52				
	PLACE1004113	0.85	1	0.69	0.62	4.18	1	1.54	0.77	1.59				
20	PLACE1004114	12.27	11.63	12.84	9.04	6.13	6.15	17.17	8.3	11.59	**		-	-
	PLACE1004118	25.56	29.6	34.14	10.69	22.13	12.84	16.2	19.15	19.4	*	*	-	-
	PLACE1004128	6.77	8.44	8.16	3.47	7.23	7.78	2.81	3.08	3.14		**	-	-
	PLACE1004130	9.36	4.88	10.96	8.2	7.53	9.87	4.28	6.71	6.1				
	PLACE1004149	2.51	2.43	6.21	2.78	5.35	2.6	3.3	3.26	2.01				
	PLACE1004156	13.06	9.08	13.29	7.39	11.05	6.74	9.05	9.4	10.62		*	-	-
25	PLACE1004160	20.97	19.94	23.27	14.03	30.3	7.33	16.97	16.65	14.66		*	-	-
	PLACE1004181	7.06	8.18	8.06	5.83	7.98	4.77	4.77	4.44	4.99		**	-	-
	PLACE1004166	41.1	39.11	42.06	19.36	22.19	21.87	24.56	28.32	30.02	**	**	-	-
	PLACE1004168	32.92	30.07	31.55	16.2	15.66	13.35	21.23	25.32	27.11	**	*	-	-
	PLACE1004170	14.53	21.92	19.94	10.32	12.85	10.61	11.03	18.31	8.2	*		-	-
	PLACE1004178	2.75	3.62	3.97	2.55	6.19	3.35	0.34	1.55	0.72		**	-	-
30	PLACE1004183	36.95	43.53	45.99	27.78	51.84	25.82	21.25	25.43	23.92		**	-	-
	PLACE1004197	5.75	5.24	7.84	2.14	4.97	3.74	3.04	2.49	3.28		*	-	-
	PLACE1004199	21.75	27.66	12.12	12.42	24.13	11.64	10.47	10.88	12.46				
	PLACE1004203	11	13.62	10.81	4.23	10.81	6.59	10.74	11.32	12.32				
	PLACE1004242	20.49	16.48	21.11	6.81	6.93	13.71	6.23	11.27	9.24	*	**	-	-
	PLACE1004248	6.73	11	11.25	4.47	10.26	6.2	5.79	8.22	6.09				
35	PLACE1004255	32.98	36.35	38.9	17.52	26.48	21.84	27.95	27.86	29.02	*	*	-	-
	PLACE1004256	12.54	10.61	15.03	5.99	5.51	6.23	3.84	5.04	3.23	**	**	-	-
	PLACE1004257	3.25	14.27	11.31	3.16	8.12	8.15	2.7	9.49	4.03				
	PLACE1004258	11.89	26.37	21.62	8.76	18.18	12.25	12.69	13.44	9.66				
	PLACE1004270	8.17	8.34	11.88	6.47	6.77	11.76	8.27	3.74	6.39				
	PLACE1004272	1.52	1.56	3.17	1.04	3.51	0.46	1.56	1.06	1.78				
40	PLACE1004273	23.31	38.14	20.87	17.38	14.34	7.01	17.2	17.07	20.56				
	PLACE1004274	12.13	13.19	15.06	6.12	12.19	6.04	6.47	11.78	6.75				
	PLACE1004277	18.65	17.3	16.15	12.2	21.29	13	13.46	15.12	20.1				
	PLACE1004279	20.99	17.87	19.27	8.96	30.05	13	8.21	11.3	11.19		**	-	-
	PLACE1004282	12.65	12.53	16.59	4.95	9.12	5.25	6.7	6.34	5.89	*	**	-	-
	PLACE1004284	9.58	14.66	15.53	8.85	7.35	5.65	6.2	6.82	3.1	*	*	-	-
45	PLACE1004289	11.29	10.79	11.74	3.16	5.71	3.35	2.35	6.14	2.14	**	**	-	-
	PLACE1004299	19.52	18.15	16.36	8.87	22.44	9.43	11.73	9.62	8.57		**	-	-
	PLACE1004302	6.5	4.57	6.26	4.18	7	3.55	1.56	4.16	0.55		*	-	-
	PLACE1004305	7.16	4.88	7.78	4.02	11.98	4.38	3.44	4.62	2.94		*	-	-
	PLACE1004316	21.08	20.32	25.43	14.83	15.07	12.7	13.59	13.17	12.8	*	**	-	-
	PLACE1004322	9.54	3.44	10.02	13.05	22.34	1.36	2.52	7.35	3.43				
50	PLACE1004325	13.79	15.32	21.15	8.25	8.41	6.63	10.63	11.11	9.78	*		-	-
	PLACE1004332	13.76	26.81	27.83	10.52	16.97	4.86	9.28	8.37	7.2		*	-	-
	PLACE1004336	9.25	9.04	10.31	3.17	5.77	3.05	2.53	4.29	2.93	**	**	-	-
	PLACE1004346	11.14	15.86	16.19	8.6	6.7	8.17	14.67	2.81	3.65	*		-	-
	PLACE1004358	4.9	6.6	5.3	4.66	3.48	2.52	2.87	2.07	1.85		**	-	-
	PLACE1004376	4.37	7.66	6.28	3.82	16.23	3.24	18.46	3.42	3.06				
55	PLACE1004384	20.82	15.88	20.1	10.2	14.54	11.76	10.47	11.55	9.77	*	**	-	-
	PLACE1004385	16.21	25.32	29.3	6.24	11.85	7.12	18.49	9.57	9.67	*	*	-	-
	PLACE1004388	13.03	15.64	14.98	6.25	11.49	8.38	7.85	6.97	4.61	*	**	-	-

Table 476

	PLACE1004405	6.83	7.82	8.42	1.74	2.87	2.17	1.79	1.77	1.06	**	**	-	-
	PLACE1004407	11.75	11.43	14.16	6.35	10.59	6.28	6.13	6.07	6.47	*	**	-	-
5	PLACE1004424	6.94	8.4	8.66	2.02	6.19	2.66	3.43	3.43	2.34	*	**	-	-
	PLACE1004425	15.08	13.72	13.35	6.65	11.37	7.31	11.7	10.39	11.17	*	*	-	-
	PLACE1004427	9.79	7.13	8.53	5.79	4.82	4.58	2.31	1.96	2.72	*	**	-	-
	PLACE1004428	8.46	5.33	5.57	3.25	3.29	3.21	2.85	2.65	3.1	*	*	-	-
	PLACE1004433	6.57	5.12	7.26	2.15	3.61	2.86	2.76	2.36	3.32	*	**	-	-
	PLACE1004435	5.31	5.07	8.8	2.76	3.41	3.61	2.83	0.69	1.36	*	*	-	-
10	PLACE1004437	123.66	158.84	144.08	116.56	167.95	86.05	49.84	88.42	68.77	**	**	-	-
	PLACE1004441	10.02	12.73	11.55	5.63	11.08	5.24	5.14	4.56	2.63	**	**	-	-
	PLACE1004446	4.95	5.73	4.69	2.19	3.83	1.62	2.79	2.61	2.66	*	**	-	-
	PLACE1004450	17.21	13.77	11.35	7.43	9.82	10.35	13.72	15.81	15.38	*	*	-	-
	PLACE1004451	21.93	21.83	22.42	14.24	15.13	14.34	10.39	9.42	10.97	**	**	-	-
	PLACE1004456	5.66	3.89	4.78	2.22	5.14	3.7	4.95	1.66	2.31	*	*	-	-
15	PLACE1004458	6.57	4.16	7.77	2.1	5.75	2.16	2.41	3.03	1.54	*	*	-	-
	PLACE1004460	6.93	5.13	4.79	2.01	4.85	1.65	3.61	2.54	1.12	*	*	-	-
	PLACE1004467	10.11	11.82	9.53	2.74	4.49	5.1	3.12	1.44	1.55	**	**	-	-
	PLACE1004471	14.09	22.14	14.79	8.38	18.33	11.21	5.81	8.78	5.83	*	*	-	-
	PLACE1004473	8.27	14.31	9.86	3.42	8.92	3.77	4.46	5.47	8.39	*	*	-	-
	PLACE1004475	4.2	2.67	2.47	2.6	8.42	6.68	3.42	2.58	2.7	*	*	-	-
20	PLACE1004482	42.46	39.9	32.17	18.98	31.24	18.51	41.1	31.66	45.4	*	*	-	-
	PLACE1004491	3.4	5.37	4.92	2.26	2.87	1.21	3.11	1.77	1.09	*	*	-	-
	PLACE1004492	14.75	10.5	4.26	8.39	16.03	7.27	3.28	2.19	2.31	*	*	-	-
	PLACE1004506	18.11	19.82	21.23	12.46	23.49	16.62	17.33	12.61	13.21	*	*	-	-
	PLACE1004507	14.62	14.01	19.19	12.21	20.75	13.12	5.25	3.93	6.09	**	**	-	-
25	PLACE1004510	8.27	7.11	7.77	4.2	4.81	1.36	5.06	2.94	3.49	*	**	-	-
	PLACE1004516	5.75	6.67	3.83	4.51	8.48	2.72	4.69	2.56	3.06	*	*	-	-
	PLACE1004518	9.64	6.39	6.6	5.58	7.29	2.45	2.45	4.03	4.48	*	*	-	-
	PLACE1004519	45.05	38.06	29.43	16.22	21.37	17.38	37.02	29.03	42.7	*	*	-	-
	PLACE1004520	5.66	5.88	4.83	5	23.3	3.26	7.89	2.48	5.32	*	*	-	-
	PLACE1004530	8.55	8.01	8.19	4.33	4.87	3.07	5.74	4.33	5.72	**	**	-	-
30	PLACE1004545	16.35	9.42	10.89	5.28	6.16	4.82	7.69	5.29	6.88	*	*	-	-
	PLACE1004547	8.88	4.99	7.28	3.79	10.69	2.44	2.07	2.03	2.03	*	*	-	-
	PLACE1004548	8.06	7.34	7.17	1.99	3.55	1.53	3.36	1.74	4.09	**	**	-	-
	PLACE1004550	9.29	4.74	4.57	6.39	7.24	2.64	11.12	3.11	5.12	*	*	-	-
	PLACE1004551	28.29	24.92	17.22	13.36	20.97	8.68	22.61	16.23	21.2	*	*	-	-
	PLACE1004559	38.64	25.35	19.12	16.44	15.14	16.5	25.43	24.95	33.62	*	*	-	-
35	PLACE1004562	50.29	46.32	50.21	54.16	56.41	39.84	35.71	42.24	45.43	*	*	-	-
	PLACE1004564	12.01	9.86	9.29	4.62	9.04	5.79	9.27	6.54	10.21	*	*	-	-
	PLACE1004604	17.66	17.86	15.11	9.74	9.81	7.66	16.75	11.47	16.51	**	**	-	-
	PLACE1004611	6.51	3.64	4.04	1.34	7.9	1.38	3.77	0.9	3.89	*	*	-	-
	PLACE1004629	7.22	4.23	7.21	2.88	5.64	1.27	4	2.37	6.88	*	*	-	-
	PLACE1004630	5.71	5.71	5.05	2.41	3.38	0.92	6.59	3.07	5.19	*	*	-	-
40	PLACE1004637	15.22	15.19	15.73	4.5	6.73	18.68	5.83	11.18	5.64	*	*	-	-
	PLACE1004645	16.19	10.08	17.1	10.36	11.57	13.97	10.9	12.36	6.68	*	*	-	-
	PLACE1004646	4.97	5.64	4.39	4.13	5.71	3.38	2.58	3.34	2.67	**	**	-	-
	PLACE1004648	5.49	4.11	3.96	3.64	5.16	4.29	1.91	1.5	0.14	**	**	-	-
	PLACE1004655	3.31	1.36	2.13	1.15	3.39	0.72	0.74	1.06	1.47	*	*	-	-
	PLACE1004658	61.58	67.15	67	38.54	49.97	38.25	52.62	54.12	65.08	**	**	-	-
45	PLACE1004664	1.19	4.36	2.93	2.86	5.73	2.7	1.85	2.13	1.51	*	*	-	-
	PLACE1004672	28.88	30.42	25.6	16.98	20.16	13.59	16.28	11.87	13.82	**	**	-	-
	PLACE1004674	4.27	1.6	4.11	2.41	3.15	1.89	1.56	2.96	3.87	*	*	-	-
	PLACE1004681	6.54	6.41	13.08	7.27	21.72	12.91	4.64	4.9	3.36	*	*	-	-
	PLACE1004686	4.34	3.3	4.61	2.4	3.38	2.38	2.29	3.63	0.39	*	*	-	-
	PLACE1004690	6.4	6.12	8.6	4.32	13.96	8.66	2.73	4.56	2.78	*	*	-	-
50	PLACE1004691	12.44	14.52	17.78	7.94	13.42	7.13	8.04	12.14	11.56	*	*	-	-
	PLACE1004693	8.4	10.27	9.88	5.82	5.16	5.28	2.45	3.25	2.73	**	**	-	-
	PLACE1004701	144.88	198.16	97.68	190.88	167.91	84.32	88.33	73.95	139.9	*	*	-	-
	PLACE1004705	3.47	3.01	2.93	2.39	3.96	1.27	1.92	3.49	3.87	*	*	-	-
	PLACE1004708	48.88	43.13	45.03	31.98	28.55	23.56	15.06	39.44	11.77	**	**	-	-
	PLACE1004716	20.04	14.83	24.39	8.19	12.11	8.27	8.37	8.78	9.57	*	*	-	-
55	PLACE1004722	5.57	7.39	10	4.45	6.54	3.93	3.57	3.69	3.48	*	*	-	-
	PLACE1004736	16.71	17.15	24.67	12.34	13.91	6.89	9.19	22.16	13.53	*	*	-	-
	PLACE1004737	5.22	7.74	7.78	3.83	6.24	1.98	3.06	3.38	3.05	*	*	-	-

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	PLACE1004740	5.7	7.45	13.2	8.48	9.7	6.78	5.51	4.01	4.39				
	PLACE1004743	25.2	29.5	32.11	15.32	29.52	15.01	26.22	23.41	28.91				
	PLACE1004751	26.3	37.3	36.23	17.86	40.34	16.49	27.84	27.38	23.37				
5	PLACE1004757	27.21	29.89	35.01	20.07	11.76	13.22	19.63	14.54	16.78	*	**	-	-
	PLACE1004761	36.62	28.57	36.7	16.84	22.51	18.17	11.71	16.47	11.41	**	**	-	-
	PLACE1004773	6.34	3	4.53	3.16	3.36	2.2	2.15	2.55	2.95				
	PLACE1004775	6.98	4.5	11.09	2.47	5.26	2.58	2.74	2.24	1.32				
	PLACE1004777	22.12	29.48	36.12	13.38	18.93	13.39	17.54	20.58	18.98	*		-	-
10	PLACE1004793	38.61	50.6	39.99	29.77	37.64	25.63	24.47	24.63	21.5		**	-	-
	PLACE1004796	8.45	9.48	8.63	3.38	9.79	3.2	3.16	2.68	3.41		**	-	-
	PLACE1004804	5.96	3.66	3.88	1.07	6.07	2.59	2.15	2.35	2.21	*		-	-
	PLACE1004813	7.54	8.6	8.99	4.2	5.66	4.51	4.87	4.35	4.23	**	**	-	-
	PLACE1004814	4.13	4.9	5.89	3.27	11.52	2.25	2.11	31.08	4.24				
	PLACE1004815	5.57	3.05	6.31	3.48	4.55	1.54	4.88	2.03	1.26				
15	PLACE1004816	10.65	12.52	15.46	46.15	13.59	7.88	11.01	6.49	24.95				
	PLACE1004824	10.1	10.18	14.93	3.84	7.8	4.37	6.87	4.52	8.59	*		-	-
	PLACE1004827	6.33	6.31	10.2	1.77	3.73	0.89	1.94	4.36	3.45	*	*	-	-
	PLACE1004836	18.51	24.69	14.94	5.86	11.83	5.72	3.63	5.6	4.83	*	**	-	-
	PLACE1004838	32.68	37.85	26.97	17.25	33.96	16.53	18.4	22.65	17.82	*	*	-	-
20	PLACE1004840	26.67	33.84	24.99	11.9	21.32	10.63	17.68	19.77	20.11	*	*	-	-
	PLACE1004842	29.36	29.36	36.71	26.03	17.22	20.39	11.25	16.65	13.58	*	**	-	-
	PLACE1004850	12.96	12.93	16.16	9.69	10.5	6.77	8.83	9.34	8.77	*	**	-	-
	PLACE1004868	19.8	16.22	20.8	8.53	16.93	9.03	11.19	11.11	9.47	**	**	-	-
	PLACE1004885	7.93	7.22	6.94	1.5	3.78	3.6	1.94	2.3	1.73	**	**	-	-
	PLACE1004886	8.48	8.07	17.49	4.04	4.63	2.9	4.53	4.47	2.5	*	**	-	-
	PLACE1004887	11.79	13.7	11.52	6.38	10.2	7	3.69	4.1	5.52	*	**	-	-
25	PLACE1004896	6.25	6.09	7.72	0.93	8.2	4.59	2.58	2.25	1.01	**	**	-	-
	PLACE1004900	11.28	8.08	8.69	8.58	6.42	4.7	4.96	5.45	3.62	*	*	-	-
	PLACE1004902	7.13	7.38	10.7	4.87	6.92	2.81	4.29	4.21	2.64	*	*	-	-
	PLACE1004904	23.08	23.38	37.33	15.52	22.71	12.92	16.1	22.74	25.02				
	PLACE1004911	11.74	10.67	12.36	7.47	12.66	7.84	6.28	5.55	4.09		**	-	-
	PLACE1004913	12.82	12.15	14.37	4.58	7.86	4.67	7.24	7.07	6.68	**	**	-	-
30	PLACE1004918	17.31	18.68	18.94	7.36	10.01	6.44	8.32	5.56	6.18	**	**	-	-
	PLACE1004930	6.79	6.06	5.6	1.3	2	3.65	2.19	1.6	1.33	**	**	-	-
	PLACE1004934	14.99	19.19	12.29	5.42	10.92	8.11	4.61	8.66	7.47	*	*	-	-
	PLACE1004937	18.93	13.85	13.4	11.81	10.98	11.51	15	13.14	16.45				
	PLACE1004949	5	5.22	6.64	5.79	3.31	3.09	4.44	4.05	3.5	*	*	-	-
35	PLACE1004969	13.91	13.85	11.55	11.71	12.45	9.25	4.82	9.25	5.58	*	*	-	-
	PLACE1004970	28.75	33.22	29.53	13.51	29.35	23.54	15.11	12.88	14.15	**	**	-	-
	PLACE1004972	13.26	11.27	10.14	5.85	6.98	5.82	4.89	3.42	1.54	**	**	-	-
	PLACE1004974	16.47	29.85	28.89	16.44	23.94	17.53	14.71	17.1	12.72				
	PLACE1004975	12.92	11.66	12.08	5.89	13.8	6.88	5.54	3.55	3.43	**	**	-	-
	PLACE1004979	7.78	7.47	6.98	3.07	7.65	3.76	4.2	4.56	6.5	*	*	-	-
40	PLACE1004982	30.58	23.61	26.29	14.3	19.23	11.42	16.82	24.16	30.51	*	*	-	-
	PLACE1004985	29.66	24.94	25.1	15.66	19.26	12.6	21.78	17.15	20.28	*	*	-	-
	PLACE1005003	16.43	14.5	16.78	6.69	10.88	11.47	1.79	5.8	6.41	*	**	-	-
	PLACE1005004	5.26	4.21	4.06	1.44	3.4	2.25	2.76	1.23	1.09	*	*	-	-
	PLACE1005006	17.79	13.99	18.79	11.99	10.57	8.86	7.49	5.3	5.99	*	**	-	-
	PLACE1005011	10.94	14.04	9.8	3.35	9.24	6.44	3.46	2.32	0.6	**	**	-	-
45	PLACE1005026	31.74	35.88	28.88	14.82	24.65	14.67	35.74	25.33	28.57	*	*	-	-
	PLACE1005027	26.29	29.23	15.87	7.97	19.55	9.09	25.84	19.81	24				
	PLACE1005031	38.12	16.05	14.24	9.18	25.55	17.12	7.22	9.47	10.36				
	PLACE1005036	13.86	12.84	17.42	8.68	15.64	10.29	11.23	7.16	6.77	*	*	-	-
	PLACE1005041	111.13	87.66	72.07	36.83	51	43.47	99.34	93.97	97.87	*	*	-	-
	PLACE1005046	27.6	29	18.07	15.06	19.65	20.68	22.16	13.25	24				
50	PLACE1005047	50.64	34.98	35.58	25.13	37.56	21.77	26.01	15.91	25.77	*	*	-	-
	PLACE1005052	10.39	12.55	10.8	4.67	15.46	6.61	10.9	9.05	16				
	PLACE1005055	24.31	33.8	18.61	16.75	10.79	11.1	19.54	11.46	10.17				
	PLACE1005066	7.67	8.41	7	12.21	61.68	20.27	25.44	4.84	8.48				
	PLACE1005077	9.62	6.97	5.62	4.44	4.68	3.2	5.42	5.71	7.8				
	PLACE1005085	10.11	4.46	3.84	3.42	3.7	2.05	2.8	5.01	2.86				
55	PLACE1005086	11.97	11.74	11.67	7.31	18.85	7.84	6.74	6.63	9.62	*	*	-	-
	PLACE1005088	86.57	83.56	74.65	79.4	89.3	75.33	56.8	52.44	57.53	**	**	-	-
	PLACE1005089	6.31	4.13	4.27	1.8	3.13	4.07	2.18	0.55	2.04	*	*	-	-

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	PLACE1005101	11.5	9.29	11.94	9.18	4.8	5.47	5.22	3.69	6.78	*	**	-	-
	PLACE1005102	22.17	25.98	27.54	6.07	7.69	6.94	7.15	5.65	7.82	**	**	-	-
5	PLACE1005108	10.15	7.73	6.02	2.99	6.05	3.33	4.8	7.23	6.47				
	PLACE1005110	3.97	2.39	3.45	3.59	3.78	1.51	2.14	1.33	2.15				
	PLACE1005111	23.94	21.69	16.98	14.04	21.5	8.57	20.32	16.74	23.71				
	PLACE1005123	16.94	14.46	12.96	5.45	9.5	5	6.89	4.29	5.82	*	**	-	-
	PLACE1005124	9.14	6.62	6.15	2.06	5.47	1.8	6.61	3.46	5.33	*		-	-
	PLACE1005128	6.83	4.81	4.87	1.09	3.42	1.91	3.3	3.63	2.82	*	*	-	-
10	PLACE1005130	12.43	17.68	12.68	4.58	11.05	5.79	12.55	5.44	10.87				
	PLACE1005141	6.07	3.99	5.18	6.23	2.88	1.1	9.65	2.17	2.82				
	PLACE1005146	10.52	9.7	6.88	6.24	10.69	5.88	5.25	8.14	5.49				
	PLACE1005152	91.15	76.64	75.79	51.06	95.95	52.59	42.4	38.1	38.75	**		-	-
	PLACE1005157	5.11	3.75	6.06	2.82	4.86	2.4	1.9	2.79	1.7	*		-	-
	PLACE1005162	24.79	23.25	27.03	17.82	26.77	20.32	10.52	15.51	11.65	**		-	-
15	PLACE1005170	9.55	7.54	6.99	11.08	19.85	14.4	3.82	8.2	5.94				
	PLACE1005176	5.55	5.17	6.85	2.52	4.13	3.01	2.09	2.54	1.26	*	**	-	-
	PLACE1005181	10.56	18.07	15.09	7.46	9.06	8.01	10.91	12.85	10.11	*		-	-
	PLACE1005184	3.64	4.4	5.5	5.28	11.77	4.26	3.84	3.69	3.06				
	PLACE1005186	5.86	5.07	5.66	2.88	2.54	3.26	3.64	4.33	4.72	**	*	-	-
20	PLACE1005187	20.53	14.71	18.55	9.5	10.66	10.36	12.23	12.87	7.61	*	*	-	-
	PLACE1005189	8.28	7.72	11.92	4.24	7.19	3.99	6.84	7.52	5.99				
	PLACE1005193	39.26	44.11	39.59	31.34	38.68	28.91	36.03	40.56	33.69				
	PLACE1005200	1391.4	1317.2	1202.3	1770.3	2457.3	1744.3	1189.8	1397.9	586.38	*		+	
	PLACE1005206	48.27	41.57	88.17	48.38	52.86	50.82	27.19	13.53	58.32				
	PLACE1005216	10.1	9.74	10.26	5.79	10.41	5.95	3.4	3.26	4.05		**	-	-
25	PLACE1005223	36.86	44.94	37.06	23.02	26.39	16.59	23.41	26.05	19.76	*	**	-	-
	PLACE1005225	5.34	5.81	6.83	4.25	3.02	5.27	2.59	3.79	3.7	*		-	-
	PLACE1005232	37.45	31.95	45.29	20.08	17.68	11.81	24.42	25.92	23.95	**	*	-	-
	PLACE1005239	7.93	6.66	12.45	5.29	3.66	4.36	3.81	3.89	4.86				
	PLACE1005243	16.13	27.58	27.13	19.28	15.8	19.25	6.8	13.48	9.67	*		-	-
	PLACE1005250	5.37	6.75	7.77	5.96	4.93	3.55	3.78	5.49	3.24				
30	PLACE1005261	61.12	61.95	56.67	47.53	36.14	42.92	20.88	23.52	21.14	**	**	-	-
	PLACE1005266	7.03	6.91	9.71	5.82	8.14	5.96	4.18	3.69	5.53	*		-	-
	PLACE1005271	8.47	8.61	6.86	4.77	7.74	3.27	3.65	3.57	3.35	**		-	-
	PLACE1005277	20.92	15.1	22.31	9.09	13.8	9.19	14.68	15.64	18.36	*		-	-
	PLACE1005287	15.1	8.12	14.31	5.25	6.44	6.19	5.01	4.78	3.02	*	*	-	-
	PLACE1005299	10.04	6.09	8.79	4.5	5.75	7.77	4.03	4.98	7.58				
35	PLACE1005305	8.97	7.38	9.77	4.47	3.45	4.18	3.14	3.99	3.81	**	**	-	-
	PLACE1005307	12.01	9.78	33.93	6.5	6.01	6.92	5.78	5.91	8.37				
	PLACE1005308	6.72	9.28	13.18	4.37	5.39	4.05	5.69	4.54	7.02				
	PLACE1005313	8.46	6.04	10.79	5.16	6.95	3.74	4.51	3	4	*		-	-
	PLACE1005320	9.29	12.54	14.31	7.32	9.29	5.14	4.82	4.65	5.56	**		-	-
	PLACE1005327	31	25.4	35.29	16.09	17.4	11.88	9.82	14.36	14.83	**	**	-	-
40	PLACE1005331	13.95	13.36	13.69	9.09	7.58	7.27	7.77	10.5	7.36	**	**	-	-
	PLACE1005335	11.38	7.64	13.28	5.94	7.87	3.65	8.18	25.07	9.78				
	PLACE1005336	29.59	23.98	23.59	14.99	18	12.79	23.63	28.14	27.34	*		-	-
	PLACE1005351	11.96	8.58	19.03	4.6	4.51	3.68	3.27	6.24	4.61	*		-	-
	PLACE1005366	73.8	70.81	70.61	45.9	65.72	42.52	55.33	53.05	50.72	*	**	-	-
	PLACE1005373	9.8	6.9	15.51	3.87	3.73	2.69	2.9	3.58	2.99	*	*	-	-
45	PLACE1005374	31.25	37.89	30.27	12.29	20.74	12.12	33.17	26.39	29.29	**		-	-
	PLACE1005383	9.15	7.91	6.27	5.38	5.79	4.82	3.77	5.77	7.02	*		-	-
	PLACE1005388	14.78	7.34	14.13	9.31	7.11	6.02	6.28	5.49	5.89				
	PLACE1005409	11.86	10.31	14.09	4.95	5.84	5.2	5.09	4.29	5.35	**	**	-	-
	PLACE1005410	13.35	9.74	14.55	5.14	6.18	4.53	6.86	5.79	5.13	**	*	-	-
	PLACE1005426	10.65	4.8	11.31	4.23	3.51	3	2.46	6.49	1.78				
50	PLACE1005431	8.27	7.3	10.2	3.04	3.82	2.32	3.59	3.79	5.31	**	*	-	-
	PLACE1005453	7.65	9.23	18.98	3.09	5.38	3.63	2.3	4.42	3.43				
	PLACE1005467	10.75	11.01	23.28	4.33	7.93	7.46	6.29	7.36	5.29				
	PLACE1005471	7.1	9.43	5.6	3.8	6.04	3.15	3.31	6.18	12.95				
	PLACE1005476	29.52	27.39	29.6	15.57	12.74	15.37	14.04	14.17	16.62	**	**	-	-
	PLACE1005477	9.37	7.91	13.74	3.68	6.31	4.63	5	3.74	6.24	*	*	-	-
55	PLACE1005480	7.1	8	8.36	5.61	4.81	4.45	4.92	2.94	2.27	**	**	-	-
	PLACE1005481	10.21	6.44	10.18	3.66	4.76	4.41	5.76	4.63	3.43	*	*	-	-
	PLACE1005494	9.19	9.94	10.69	3.14	4.05	3.41	4.87	3.69	4.02	**	**	-	-

Table 479

	PLACE1005495	11.05	11.48	9.86	5.01	5.38	4.26	3.3	3.97	3.58	**	**	-	-
	PLACE1005497	9.89	9.26	8.02	3.87	6.07	3.47	3.99	3.58	2.73	**	**	-	-
	PLACE1005499	23.46	21.47	29.66	8.65	19.6	10.05	16	19.54	21.59	*	*	-	-
5	PLACE1005502	9.18	6.48	6.37	3.45	3.87	4.29	4.21	4.81	4.94	*	*	-	-
	PLACE1005513	33.31	27.28	25.19	10.65	9.46	7.45	5.15	5.68	9.33	**	**	-	-
	PLACE1005515	11.7	9.47	10.48	3.66	3.88	4.7	6	4.7	5.35	**	**	-	-
	PLACE1005519	8.43	6.62	7.72	4.49	2.77	2.81	3.1	2.36	5.05	**	*	-	-
	PLACE1005526	8.8	10.4	11.16	2.78	4.21	2.23	3.21	3.51	3.18	**	**	-	-
10	PLACE1005528	26.91	22.55	23.87	12.32	10.17	9.81	19.08	11.09	17.43	**	*	-	-
	PLACE1005530	20.34	15.73	21.3	12.14	14.27	9.82	8.49	8.49	4.49	*	**	-	-
	PLACE1005536	18.12	14.92	18.89	3.17	4.7	3.13	5.93	4.22	4.19	**	**	-	-
	PLACE1005539	42.25	35.31	35.69	15.02	20.49	15.33	32.11	27.06	37.95	**	*	-	-
	PLACE1005543	35.86	20.69	14.02	11.25	7.4	11.67	9.96	8.84	11.47	*	*	-	-
	PLACE1005544	4.98	5.73	4.38	2.31	2.15	3.58	3.94	2.43	3.09	*	*	-	-
15	PLACE1005550	26.58	26.63	19.78	16.15	16.36	16.32	11.17	10.41	11.67	*	**	-	-
	PLACE1005554	23.49	15.23	16.27	7.02	8.22	4.71	11.04	7.45	10.06	*	*	-	-
	PLACE1005557	10.41	9.97	10.58	3.15	3.37	2.55	4.57	1.9	2.76	**	**	-	-
	PLACE1005563	10.87	11.46	9.72	4.64	6.41	6.88	7.08	5.98	5.9	**	**	-	-
	PLACE1005569	27.85	17.24	16.24	8.47	8.97	6.39	9.6	5.75	9.27	*	*	-	-
	PLACE1005574	29.21	21.31	10.09	12.87	15.06	14.88	14.12	11.93	13.7	*	*	-	-
20	PLACE1005584	80.18	66.17	69.3	73.18	89.15	68.42	53.92	40.06	44.96	*	*	-	-
	PLACE1005590	14.81	9.97	11.59	6.51	9.72	8.47	7.14	6.35	7.74	*	*	-	-
	PLACE1005595	23.18	18.25	21.16	12.01	10.55	9.94	19.07	11.17	15.91	**	*	-	-
	PLACE1005601	11.31	7.51	15.39	5.61	6.28	8.37	7.21	9.02	6.01	*	*	-	-
	PLACE1005603	18.98	21.86	14.52	8.39	9.87	6.77	12.21	11.52	14.3	*	*	-	-
	PLACE1005604	8.92	8.05	5.89	5	4.08	4.67	3.54	2.41	2.72	*	**	-	-
25	PLACE1005611	33.68	22.2	29.76	11.8	16.07	9.26	20.54	21.42	26.07	*	*	-	-
	PLACE1005622	30.69	27.64	23.31	11.83	18.8	12.91	22.33	27.88	24.08	*	*	-	-
	PLACE1005623	9.95	5.8	5.03	2.69	3.21	2.46	4.37	5.18	4.94	*	*	-	-
	PLACE1005630	8.17	9.56	9.09	4.43	7.2	3.43	4.75	3.89	4.7	*	**	-	-
	PLACE1005639	60.6	66.64	49.38	29.59	36.73	29.78	61.43	55.47	68.03	**	*	-	-
	PLACE1005646	17.8	13.84	15.64	9.47	9.48	7.41	6.37	4.37	5.79	**	**	-	-
30	PLACE1005647	13.8	11.09	12.51	5.66	5.78	5.71	6.46	4.42	5.24	**	**	-	-
	PLACE1005648	28.95	31.24	20.78	11.15	9.99	10.48	23.48	13.79	10.43	**	*	-	-
	PLACE1005653	16.03	13.03	11.9	5.52	4.03	5.5	8.65	5.02	7.5	**	*	-	-
	PLACE1005656	15.9	11.93	10.98	7.3	8.49	5.09	13.9	11.98	12.97	*	*	-	-
	PLACE1005659	10.5	8.34	6.31	5.1	4.01	3.82	4.61	3.03	4.74	*	*	-	-
35	PLACE1005660	12.82	10.45	9.32	4.78	5.95	3.56	5.23	2.26	5.04	**	**	-	-
	PLACE1005664	23.43	27.28	25.73	8.86	20.98	19.65	21.23	13.1	15.7	*	*	-	-
	PLACE1005666	12.43	11.64	13.67	7.79	10.52	6.99	11.1	12.9	13.47	*	*	-	-
	PLACE1005669	14.08	13.16	10.98	6.36	8.32	3.2	8.01	5.64	11	*	*	-	-
	PLACE1005682	22.57	20.73	18.81	7.71	10.55	7.1	12.18	6.07	11.14	**	**	-	-
	PLACE1005698	7.18	6.68	8.02	7.04	5.88	4.02	4.11	5.29	4.18	**	**	-	-
	PLACE1005708	17.69	17.02	22.05	11.44	15.51	9.8	12.59	9.54	8.25	*	*	-	-
40	PLACE1005725	9.73	11.27	13.97	7.09	8.31	6.27	4.4	6.46	6.4	*	*	-	-
	PLACE1005727	10.04	8.34	11.08	6.79	10.76	10.55	4.59	6.83	6.56	*	*	-	-
	PLACE1005730	13.44	12.68	11.77	6.36	7.19	8.47	5.04	7.92	8.47	**	**	-	-
	PLACE1005736	5.83	5.5	7.74	3.15	14.38	1.73	4.63	3.09	3.33	*	*	-	-
	PLACE1005739	7.01	13.06	9.75	7.43	7.8	5.14	2.96	4.16	3.47	*	*	-	-
	PLACE1005745	8.04	6.14	6.43	4.26	4.82	5.89	4.13	2.63	4.39	*	*	-	-
45	PLACE1005752	128.36	102.07	139.38	89.6	72.86	89.83	103.85	94.56	103.55	*	*	-	-
	PLACE1005755	13.46	9.22	14.54	4.95	6.97	3.84	5.58	5.65	3.87	*	*	-	-
	PLACE1005756	10.54	16.55	18.56	10.11	10.69	10.1	6.71	10.57	12.53	*	*	-	-
	PLACE1005760	5.35	5.71	8.64	9.33	6.58	7.47	2.74	8.03	2.74	*	*	-	-
	PLACE1005763	18.11	17.1	15.35	9.45	11.68	9.73	7.29	9.29	9.82	**	**	-	-
50	PLACE1005768	19.31	21.05	13.08	10.64	11.47	13.73	6.13	9.41	9.52	*	*	-	-
	PLACE1005771	24.23	23.82	24.14	14.86	21.27	9.53	16.05	19.49	20.2	*	*	-	-
	PLACE1005783	6.96	4.13	7.26	3.95	3.94	3.49	3.16	3.04	5.15	*	*	-	-
	PLACE1005799	43.95	40.56	57.56	28.57	25.86	15.96	30.85	26.7	32.18	*	*	-	-
	PLACE1005802	18.73	15.75	12.71	10.65	14.22	15.85	21.48	13.68	14.38	*	*	-	-
	PLACE1005803	14.16	12.88	18.69	6.94	7.06	7.31	4.95	5.48	3.9	**	**	-	-
55	PLACE1005804	16.14	16.06	21.67	10.66	8.62	11.86	4.49	6.03	5.63	*	**	-	-
	PLACE1005813	7.59	9.87	17.86	7.9	9.25	7.77	3.93	4.99	5.43	*	*	-	-
	PLACE1005815	17.11	19.5	18.51	7.94	18	6.6	9.57	8.13	8.77	**	*	-	-

Table 480

	PLACE1005828	21.32	17.86	17.66	18.38	28.15	11	8.41	12.77	17.42				
	PLACE1005833	19.04	15.23	17.55	13.68	13.86	12.16	11.62	13.97	12.02	*	*	-	-
5	PLACE1005834	31.23	40.41	42.31	19.53	15.14	12.45	22.97	22.37	27.18	**	*	-	-
	PLACE1005835	8.38	4.15	8.95	3.69	3.05	3.25	2.72	13.93	4.26				
	PLACE1005836	6.34	4.47	-7.11	-2.95	2.55	2.1	1.11	4.41	2.67	*		-	-
	PLACE1005845	7.96	5.73	10.94	3.26	4.7	1.75	3.2	4.47	3.62	*	*	-	-
	PLACE1005850	7.12	8.63	11.96	4.89	4.51	3.39	2.96	4.97	6.83	*		-	-
	PLACE1005851	49.92	45.46	36.8	28.76	36.45	21.25	9.27	9.06	15.36		**	-	-
10	PLACE1005856	9.13	9.45	9.68	4.42	6.52	4.26	5.66	4.96	7.88	**	*	-	-
	PLACE1005875	19.11	12.96	14.66	10.98	11.89	11.34	7.25	9.07	9.2	*		-	-
	PLACE1005876	6.84	5.72	8.26	3.52	3.77	3.26	2.47	4.32	3	*	*	-	-
	PLACE1005878	6.18	5.12	8.15	3.65	4.35	1.9	2.1	7.39	4.67				
	PLACE1005880	10.13	10.1	15.44	15.29	7.51	5.59	11.17	12.56	8.92				
	PLACE1005884	15.13	11.77	15.14	4.99	6.58	3.8	5.03	3.76	7.31	**	**	-	-
15	PLACE1005890	14.12	12.54	15.15	4.55	6.88	4.96	4.84	4.65	10.58	**	*	-	-
	PLACE1005898	22.47	43.11	28.59	9.23	15.21	13.1	10.14	6.45	7.84	*	*	-	-
	PLACE1005913	11.08	12.76	18.39	6.03	9.77	5.43	8.89	7.87	5.55			-	-
	PLACE1005921	38.7	26.83	45.11	14.95	20.53	13.93	14.46	15.3	19.69	*	*	-	-
	PLACE1005923	35.55	28.6	35.14	8.99	9.9	10.33	7.55	9.92	9.16	**	**	-	-
	PLACE1005925	9.28	6.52	9.69	4.22	6.79	3.62	4.36	4.97	3.85	*		-	-
20	PLACE1005927	8.32	7.66	16.91	2.68	3.86	2.87	2.78	4.08	4.5				
	PLACE1005932	17.99	14.04	15.58	5.88	10.67	7.85	11.54	8.65	8.07	*	*	-	-
	PLACE1005934	7.56	7.52	8.85	2.45	3.18	2.78	2.65	3.47	4.68	**	**	-	-
	PLACE1005936	8.91	7.48	10.96	2.6	4	2.78	2.64	2.57	2.62	**	**	-	-
	PLACE1005939	14.59	14.49	13.88	5.4	8.87	6.89	7.24	6.14	6.85	**	**	-	-
	PLACE1005951	184.11	138.22	202.24	63.95	124.2	100.53	163.66	124.76	76.11	*		-	-
25	PLACE1005953	4.12	2.98	5.89	2.81	3.65	1.89	1.88	2.73	1.8				
	PLACE1005955	147.21	90.51	163.74	157.35	162.66	147.78	83.65	73.22	67.87				
	PLACE1005966	21.58	17.57	18.88	12.22	12.03	11.48	18.97	16.95	19.33	**		-	-
	PLACE1005968	7.85	6.96	6.59	3.18	3.12	3.27	2.21	3.25	2.08	**	**	-	-
	PLACE1005975	6.58	6.62	8.7	2.59	2.3	2.44	2.13	2.22	2.24	**	**	-	-
	PLACE1005990	13.31	13.53	10.46	5.9	8.19	4.45	5.05	6.3	5.08	*	**	-	-
30	PLACE1005997	11.27	8.34	8.61	3.34	7.86	4.32	3.83	4.17	2.65	**	**	-	-
	PLACE1006002	7.2	9.3	8.62	4.13	3.01	2.96	3.03	3.74	3.08	**	**	-	-
	PLACE1006003	19.13	15.27	13.68	6.84	9.41	7.04	14.37	14.53	15.21	*		-	-
	PLACE1006011	14.53	12.13	13.55	5.17	8.37	6.39	12.92	13.32	12.8	**		-	-
	PLACE1006017	17.66	15.33	13.64	7.8	6.85	7.26	3.44	3.4	5.68	**	**	-	-
35	PLACE1006037	19.54	15.54	16.94	5.06	9.69	7.93	15.52	15.45	11.65	**		-	-
	PLACE1006040	21.73	18.19	20.02	8.22	10.07	7.19	9.12	8.1	8.15	**	**	-	-
	PLACE1006063	18.04	22.51	29.29	15.12	25.84	15.72	12.74	9.35	9.64	*		-	-
	PLACE1006071	24.45	22.47	19.59	9.7	14.01	7.6	15.44	10.65	16.68	**	*	-	-
	PLACE1006073	38.01	25.19	30.05	16.58	19.75	14.04	20.88	12.98	14.52	*	*	-	-
	PLACE1006074	21.69	19.68	21.99	13.65	9.89	8.37	10.34	8.49	11.16	**	**	-	-
40	PLACE1006076	6.98	23.32	28.44	3.28	24.88	6.58	8.27	11.5	12.4				
	PLACE1006078	5.36	7.59	6.02	3.43	3.4	2.8	2.82	1.59	5.77	*		-	-
	PLACE1006093	17.29	20.55	15.5	11.28	11.48	8.91	6.51	3.34	7.24	*	**	-	-
	PLACE1006116	6.68	4.88	6.43	2.05	2.48	1.97	3.15	0.18	1.1	**	*	-	-
	PLACE1006119	9.01	6.23	8.79	2.16	3.34	2.75	3.83	1.45	4.03	**	*	-	-
	PLACE1006129	11.8	19.99	13.49	6.74	8.91	6.37	6.93	6.6	9.52	*	*	-	-
45	PLACE1006139	11.03	9.2	11	5.5	4.05	3.54	5.37	5.2	8.18	**	*	-	-
	PLACE1006143	34.11	32.02	23.21	13.95	17.22	16.38	5.72	10.56	8.1	*	**	-	-
	PLACE1006157	20.08	16.11	21.21	6.21	8	10.58	9.26	6.55	9.67	**	**	-	-
	PLACE1006159	22.74	19.17	16.53	5.42	7.39	5.18	11.09	3.24	9.93	**	*	-	-
	PLACE1006164	10.4	12.06	12.25	3.81	6.89	2.98	4.98	2.08	3.84	**	**	-	-
	PLACE1006167	150.43	130.54	128	105.79	82.45	55.54	118.18	93.17	93.5	*	*	-	-
50	PLACE1006170	12.04	9.61	11.88	3.48	3.73	3.68	2.75	2.82	3.04	**	**	-	-
	PLACE1006181	14.32	10.9	10.36	5.74	6.23	4.42	6.29	2.91	4.76	**	*	-	-
	PLACE1006187	23.98	21.9	19.46	7.26	12.29	5.92	18.37	17.04	21.06	**		-	-
	PLACE1006195	27.43	19.87	20.2	13.18	6.92	6.66	10.17	6.16	5.89	*	**	-	-
	PLACE1006196	14.68	10.51	8.01	6.22	7.31	2.89	4.66	4.93	4.37	*		-	-
	PLACE1006197	25.54	27.48	23.66	11.8	19.78	16.24	17.7	18.29	21.21	*	*	-	-
55	PLACE1006198	12.15	16.37	13.46	4.05	5.5	3.12	5.11	3.17	4.8	**	**	-	-
	PLACE1006205	8.36	7.44	9.1	4.62	5.35	3.49	12.63	5	7.53	**		-	-
	PLACE1006208	10.95	10.22	9.53	5.04	9.25	5.28	4.47	4.13	4.33	**		-	-

Table 481

	PLACE1006211	18.15	19.46	15.85	7.8	6.56	8.15	10.56	8.16	8.98	**	**	-	-
	PLACE1006219	29.22	24.03	22.82	13.99	7.2	9.8	23.91	20.19	22.03	**		-	-
5	PLACE1006223	33.12	26.98	22.85	14.69	11.86	8.81	23.65	22.74	28.77	**		-	-
	PLACE1006225	9.38	7.86	6.1	4.18	4.91	3.81	6.34	5.77	7.67	*		-	-
	PLACE1006236	23.05	26.18	25.58	13.5	14.02	10.31	12.5	8.37	11.47	**	**	-	-
	PLACE1006239	7.77	5.03	5	2.21	3.14	2.06	2.98	3.13	3.81	*		-	-
	PLACE1006245	11.97	10.97	10.73	4.72	5.26	4.25	5.6	4.62	4.52	**	**	-	-
	PLACE1006246	14.07	10.52	9.12	4.17	12.12	4.44	10.44	8.15	11.84		*	-	-
10	PLACE1006248	10.3	9.17	8.56	6.54	7.06	2.85	7.67	4.65	5.48		*	-	-
	PLACE1006262	19.08	26.43	25.66	10.77	26.8	17.9	14.07	10.91	15.08		*	-	-
	PLACE1006269	6.36	4.8	5.62	2.78	2.48	2.42	4.23	3.67	2.13	**	*	-	-
	PLACE1006275	7.84	6.83	8.11	7.79	9.46	8.46	5.82	11.38	4.94			-	-
	PLACE1006277	18.16	15.2	14.15	12.95	19.65	15.77	6.69	13.62	7.81			-	-
	PLACE1006288	23.16	25	24.73	14.26	21	15.27	15.12	19.66	20.01	*	*	-	-
15	PLACE1006290	3.79	4.35	4.22	1.07	3.07	1.54	0.76	2.83	1.89	*	*	-	-
	PLACE1006298	31.99	33.57	40.35	21.62	22.17	18.83	30.18	26.42	31.31	**		-	-
	PLACE1006311	24.06	25.54	26.15	17.19	20.35	18.67	6.49	6.41	12.35	**	**	-	-
	PLACE1006318	23.92	22.31	22.74	9.17	11.04	10.73	16.57	17.39	15.35	**	**	-	-
	PLACE1006325	10.97	6.18	13.93	5.64	6.43	6.48	6.34	4.38	3.68			-	-
	PLACE1006331	322.49	249.29	312.14	284.34	344.95	317.78	261.41	376.24	167.86			-	-
20	PLACE1006335	6.01	6.97	9.42	6.43	10.77	6.27	4.79	4.63	3.75		*	-	-
	PLACE1006357	23.6	23.65	28.41	15.45	19.92	11.71	10.11	13.97	13.07	*	**	-	-
	PLACE1006360	39.03	55.89	60.83	32.56	29.33	36.42	18.81	22.42	24.3		*	-	-
	PLACE1006364	4.49	3.79	4.52	5.2	5.32	3.04	3.31	4.72	3.85			-	-
	PLACE1006365	8.87	13.33	7.94	4.35	7.31	4.11	4.93	6.19	6.08			-	-
	PLACE1006368	7.6	5	7.22	4.35	3.51	2.72	3.12	4.28	3.68	*	*	-	-
25	PLACE1006371	12.84	8.89	13.13	6.85	5.51	3.89	5.93	6.19	7.36	*	*	-	-
	PLACE1006373	31.88	31.57	27.89	11.44	15.9	12.05	24.23	17.9	24.85	**	*	-	-
	PLACE1006382	15.81	18.11	17.64	20.83	24.97	21.9	28.68	49.67	48.66	*	*	+	+
	PLACE1006385	23.74	24.67	19.54	18.57	28.47	23.59	6.72	12.92	8.24	**		-	-
	PLACE1006391	7.09	8.24	10.32	5.76	7.9	5.35	7.26	7.31	6.16			-	-
	PLACE1006412	14.35	15.98	15.55	14.85	16.87	8.6	8.42	8.73	11.54		**	-	-
30	PLACE1006414	30.64	63.89	32.69	29.17	49.53	18.72	7.89	13.37	10.44		*	-	-
	PLACE1006419	23.86	16.38	19.21	8.34	10.82	5.22	6.84	8.36	7.76	*	**	-	-
	PLACE1006436	16.88	12.75	13.77	5.93	7.83	5.98	6.47	9.15	5.41	**	*	-	-
	PLACE1006443	7.62	8.28	7.5	4.32	3.07	4.42	2.72	3.77	2.68	**	**	-	-
	PLACE1006445	53.01	52.47	65.34	48.09	51.7	50.7	24.1	26.92	30.98	**	**	-	-
	PLACE1006447	16.45	17.73	17.35	9.64	12.61	9.03	5.67	7.16	5.82	**	**	-	-
35	PLACE1006466	5.01	5.76	10.4	3.6	5.26	3.03	3.62	2.47	3.82			-	-
	PLACE1006469	9.97	6.93	12.7	4.45	5.94	2.99	6.14	5.96	3.89	*		-	-
	PLACE1006470	14.91	13.1	13.03	5.44	14.24	9.05	12.65	15.12	16.52			-	-
	PLACE1006472	32.58	24.9	52.53	14.86	22.47	15.58	27.13	60.66	18.13			-	-
	PLACE1006476	75.24	88.04	95	49.93	69.66	43.58	73.04	95.42	77.62	*		-	-
40	PLACE1006482	19.52	14.87	22.77	7.46	8.75	5.8	9.29	24.88	15.09	**		-	-
	PLACE1006488	13.42	9.81	14.11	5.93	5.56	7.22	5.43	7.77	6	*	*	-	-
	PLACE1006492	53.41	60.91	65.09	29.78	38.14	28.4	41.31	52.42	43.57	**	*	-	-
	PLACE1006506	8.93	8.04	10.96	3.97	6.16	3.99	2.77	5.01	4.34	*	**	-	-
	PLACE1006515	6.57	6.17	10.41	2.69	4.8	3.13	3.49	3.57	2.51	*	*	-	-
	PLACE1006516	7.77	7.4	8.18	2.65	6.76	3.8	4.8	4.81	1.69	*		-	-
45	PLACE1006520	85.74	60.72	84.5	67.76	73.09	68.07	40.48	30.38	37.31	**		-	-
	PLACE1006521	5.4	3.13	7.19	3.67	3.58	2.13	2.56	2.69	1.53			-	-
	PLACE1006529	21.37	16.93	24.45	11.55	12.23	11.32	13.1	15.15	16.91	*		-	-
	PLACE1006531	8.98	4.63	8.46	3.15	2.87	3.1	2.57	4.69	2.69	*		-	-
	PLACE1006534	11.34	12.38	19.26	6.83	8.12	7.2	8.08	5.98	8.82			-	-
	PLACE1006540	17.3	13.48	19.89	6	9.01	6.33	5.04	4.77	5.56	**	**	-	-
50	PLACE1006549	57.43	76.29	59.13	33.67	55.25	39.07	49.85	36.47	56.34		*	-	-
	PLACE1006550	27.31	23.34	17.69	10.6	24.86	11.76	7.55	11.98	6.46		*	-	-
	PLACE1006552	41.43	35.42	38.21	18.37	17.9	12.42	28.67	34.48	34.92	**		-	-
	PLACE1006557	58.91	37.26	57.05	36.71	38.26	34.22	31.47	33.21	28.65		*	-	-
	PLACE1006563	12.53	9.16	14.73	7.21	10.95	7.06	5.43	4.33	7.28	*		-	-
	PLACE1006579	8.16	5.5	6.78	3.56	3.74	3.1	2.74	1.94	3.28	*	**	-	-
55	PLACE1006584	8.47	4.75	7.36	2.29	3.19	1.42	2.51	1.45	1.95	*	*	-	-
	PLACE1006598	14.33	13.22	15.98	9.86	13.18	9.6	7.97	4.5	6.78	**	**	-	-
	PLACE1006607	18.95	13.98	15.61	10.13	11.36	9.36	8.88	8.34	9.06	*	**	-	-

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	PLACE1006610	9.23	9.13	6.93	3.56	3.78	2.24	3.21	1.79	1.8	**	**	-	-
	PLACE1006615	5.13	4.58	7.74	3.64	4.24	3.19	3.42	3.13	4.2				
5	PLACE1006617	10.84	9.51	10.64	5.44	6.44	4.54	8.05	7.55	8.94	**	*	-	-
	PLACE1006618	16.8	17.21	17.66	12.4	9.99	12.65	9.96	9.85	12.85	**	**	-	-
	PLACE1006626	9.9	9.38	11.8	4.89	3.64	3.15	3.8	3.9	3.22	**	**	-	-
	PLACE1006629	97.87	77.5	62.9	75.16	89.13	71.45	50.39	46.85	45	*		-	-
	PLACE1006637	20.62	30.53	27.31	15.03	24.3	12.77	12.77	11.41	9.09	**		-	-
	PLACE1006640	146.09	116.55	121.62	98.73	144.79	100.95	65.85	61.12	81.72	**		-	-
10	PLACE1006644	10.36	13.76	11.01	6.08	7.62	8.85	6.47	3.27	4.59	*	**	-	-
	PLACE1006657	9.47	8.7	8.11	3.37	3.88	4.59	4.46	4.41	6.15	**	**	-	-
	PLACE1006673	128.37	101.12	117.47	60.38	47.28	69.57	78.35	78.65	91.83	**	*	-	-
	PLACE1006678	13.14	7.54	6.57	3.78	6.24	6.14	3.95	3.22	3.7				
	PLACE1006682	5.12	3.88	4.9	2.21	2.14	1.84	2.5	1.43	2.09	**	**	-	-
	PLACE1006684	8.48	6.37	7.5	1.9	2.47	2.03	3.67	2.97	2.03	**	**	-	-
15	PLACE1006698	24.65	21.3	17.88	6.94	8.35	11.27	7.31	3.9	5.72	**	**	-	-
	PLACE1006704	10.75	10.1	9.67	7.04	6.45	4.58	4.88	2.24	3.52	**	**	-	-
	PLACE1006708	6.82	6.62	4.54	1.43	4.58	2.49	4.44	1.95	2.6	*		-	-
	PLACE1006711	7.97	5.26	8.07	5.12	5.44	5.92	5.18	4.48	3.42				
	PLACE1006714	19.78	16.32	14.11	6.39	7.42	10.52	4.46	5.02	4.69	*	**	-	-
	PLACE1006716	21.34	19.47	16.01	5.39	7.72	5.97	12.01	9.74	13.28	**	*	-	-
20	PLACE1006731	8.76	6.59	9.88	4.19	4.28	3.45	3.4	4.54	3.95	*	*	-	-
	PLACE1006754	12.83	10.26	11.39	6.83	5.2	6.24	8.13	4.13	6.6	**	*	-	-
	PLACE1006760	17.66	24.39	15.04	22.5	23.46	11.75	21.46	9.03	14.39				
	PLACE1006779	14.53	14.99	8.23	6.82	4.21	3.38	5.07	3.29	2.36	*	*	-	-
	PLACE1006782	13.34	14.85	8.6	8.19	13.03	7.71	10.87	6.95	6.98				
	PLACE1006783	26.1	20.43	20.94	18.8	23.33	15.04	25.48	18.52	26.77				
25	PLACE1006786	16.5	11.01	11.97	10.81	6.14	7.77	7.76	8.87	8.16	*		-	-
	PLACE1006792	43	29.6	28.89	12.14	32.07	8.88	14.31	11.42	11.6	*		-	-
	PLACE1006795	8.46	5.54	6.42	3.27	4.53	2.37	5.98	1.9	3.55	*		-	-
	PLACE1006800	14.69	12.26	14.82	7.42	7.86	5.36	11.02	8.63	12.6	**		-	-
	PLACE1006805	297.4	379.55	330.72	251.58	242.8	138.41	164.1	78.29	121.42	*	**	-	-
	PLACE1006809	17.57	15.02	14.01	6.89	5.54	5.55	12.59	5.67	9	**	*	-	-
30	PLACE1006815	36.78	37.15	24.97	22.04	27.53	19.08	12.45	10.62	14.81	**		-	-
	PLACE1006819	8.55	8.96	7.82	3.54	3.27	1.58	3.56	2.07	3.34	**	**	-	-
	PLACE1006820	11.34	11.23	10.69	7.26	7.6	3.88	6.72	6.8	7.48	*	**	-	-
	PLACE1006826	11.68	10.21	8.37	4.26	6.11	3.55	4	5.42	6.14	*	*	-	-
	PLACE1006829	8.66	7.12	6.95	4.95	4.5	3.35	3.73	4.63	3.79	*	**	-	-
	PLACE1006853	7.76	9.04	10.06	4.43	5.8	3.94	5.55	3.81	3.65	**	**	-	-
35	PLACE1006860	13.3	14.13	11.82	7.29	7.57	5.64	7.39	5.43	7.17	**	**	-	-
	PLACE1006867	20.52	19.65	17.03	7.58	12.2	4.52	8.89	4.5	9.57	*	**	-	-
	PLACE1006875	6.86	5.29	3.98	1.69	3.65	1.95	4.64	3.37	3.97	*		-	-
	PLACE1006878	5.96	7.5	9.4	3.45	4.02	4.56	4.29	5.32	7.08	*		-	-
	PLACE1006883	17.58	24.05	25.14	11.43	14.88	9.68	8.41	13.21	13.16	*	*	-	-
	PLACE1006898	34.11	35.72	38.43	15.89	26.64	17.27	29.81	38.71	32.24	*		-	-
40	PLACE1006901	35.59	25.34	29.52	17.57	24.59	23.14	7.06	14.35	10.26	**		-	-
	PLACE1006904	283.91	237.86	265.1	210.53	264.05	203.01	176.62	324.88	215.9				
	PLACE1006917	8.87	8.87	10.42	4.77	9.67	4.27	2.96	3.43	5.44	**		-	-
	PLACE1006932	13.9	19.05	15.16	17.43	14.76	12.47	12.23	11.92	6.34				
	PLACE1006935	5.15	5.68	5.5	4.25	5.6	3.94	4.66	3.59	4.94				
45	PLACE1006956	73	65.43	79.54	37.1	42.04	37.7	45.33	35.06	47.75	**	**	-	-
	PLACE1006958	14.71	17.1	17.16	7.75	10.57	5.67	10.62	14.42	12.92	**		-	-
	PLACE1006959	6.43	6.88	7.06	3.86	5.4	3.09	3.53	7.7	6.81	*		-	-
	PLACE1006961	11.78	13.88	26.99	6.58	7.47	6.43	7.89	10.93	8.94				
	PLACE1006962	8.5	7.71	10.43	6.5	8.54	6.61	4.94	6	6.79	*		-	-
	PLACE1006966	30.69	63.35	44.81	30.7	31	25.61	17.51	20.36	25.7				
50	PLACE1006979	9.85	10.88	9.97	5.88	6.1	5.13	5.32	5.52	6.47	**	**	-	-
	PLACE1006989	23.14	43.35	32.93	27.05	47.4	17.28	23.49	21.59	16.62				
	PLACE1007001	14.41	12.66	17.15	10.97	5.54	6.74	6.74	7.87	8.22	*	**	-	-
	PLACE1007014	9.24	9.35	10.83	6.4	6.04	5.94	4.96	6.16	5.52	**	**	-	-
	PLACE1007021	56.53	38.34	63.46	20.03	40.71	38.97	20.72	29.77	27.88	*		-	-
	PLACE1007026	65.54	56.8	77.56	57.55	60.7	57.93	57.5	56.64	67.29				
55	PLACE1007028	8.5	10.76	17.58	7.89	7.62	6.26	3.31	5.38	1.91	*		-	-
	PLACE1007038	7.96	7.89	13.66	4.19	6.33	3.79	2.05	3.52	4.03	*		-	-
	PLACE1007040	8.13	9.51	15.11	4.74	7.09	4.87	8.84	8.35	6.98				

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	PLACE1007045	15.78	21.85	22.19	13.09	30.39	13.83	9.78	12.74	10.75	*	*	-
	PLACE1007048	19.3	14.44	24.23	9.41	10.57	11.83	9.91	12.06	15.93	*	*	-
5	PLACE1007053	9.31	5.29	12.35	5.07	3.06	4.56	5.35	25.19	5.41			
	PLACE1007068	8.67	4.77	10.34	5.02	4.28	3.54	2.63	5.02	2.74			
	PLACE1007070	18.55	13.15	15.29	11.03	10.78	10.43	6.96	7.21	5.68	*	**	-
	PLACE1007076	17.03	17.73	24.8	24.48	28.32	20.68	16.51	16.83	13.48			
	PLACE1007077	7.35	10.92	12.26	4.54	5.11	3.6	6.43	5.8	5.66	*	*	-
	PLACE1007081	41.36	35.79	51.18	37.04	46.87	29.31	28.18	20.46	26.31	*	*	-
10	PLACE1007082	14.74	14.27	12.93	7.51	10.12	5.83	13.51	10.86	10.42	*	*	-
	PLACE1007092	9.52	6.79	8.77	4.99	5.23	4.04	4.42	5.84	7.46	*	*	-
	PLACE1007096	8.7	7.04	11.33	3.9	6.35	2.61	4.31	10.62	7.33	*	*	-
	PLACE1007097	5.03	2.47	6.96	1.99	2.48	1.11	1.28	4.01	1.45			
	PLACE1007099	14.43	9.17	8.68	4.57	6.07	4.14	4.7	5.17	7.04	*	*	-
	PLACE1007105	9.93	9.89	19.72	4.22	5.46	3.96	5.83	6.27	9.12			
15	PLACE1007108	7.87	5.2	13.72	3	3.64	1.32	1.96	5.82	6.69			
	PLACE1007111	24.26	33.98	33.96	8.75	19.56	14.7	10.61	6.46	7.98	*	**	-
	PLACE1007112	13.01	15.69	10.39	7.41	17.53	7.08	9.51	4.37	5.03	*	*	-
	PLACE1007130	7.28	5.04	7.51	3.97	3.76	4.18	4.15	3.12	4.45	*	*	-
	PLACE1007132	11.01	5.03	12.54	6.14	8.23	7.16	4.79	4.84	3.32			
	PLACE1007140	8.1	6.86	9.35	5.74	3.15	5.4	5.1	3.71	4.08	*	*	-
20	PLACE1007143	7.85	4.78	7.3	2.76	4.42	3.52	3.05	2.29	1.7	*	*	-
	PLACE1007169	21.25	20.42	20.37	9.68	16.47	8.01	13.15	12.99	9.63	*	**	-
	PLACE1007178	5.69	6.23	10.18	2.7	4.22	2.51	2.33	2.04	2.65	*	*	-
	PLACE1007180	9.72	11.86	11.22	5.23	6.85	7.11	6.69	5.59	16.1	**	*	-
	PLACE1007201	11.31	9.93	8.97	4.82	6.82	3.46	5.63	4.72	7.11	*	*	-
	PLACE1007202	14.96	8.93	16.56	5.53	5.66	4.16	5.42	6.71	5.73	*	*	-
25	PLACE1007226	110.77	93.69	99.41	39.5	91.72	72.21	82.39	66.08	68.98	*	*	-
	PLACE1007238	53.4	44.43	54.82	32.05	30.06	27.04	24.59	23.68	27.03	**	**	-
	PLACE1007239	22.01	21.57	16.94	9.88	9.77	7.42	7.13	6.76	5.92	**	**	-
	PLACE1007242	8.39	6.41	6.58	2.97	3.53	2.45	2.76	1.3	1.2	**	**	-
	PLACE1007243	51.6	47.43	46.65	38.48	53.48	36.76	30.03	24.3	28.99	**	**	-
	PLACE1007247	13.13	15.22	14.84	6.24	10.32	8.42	5.62	3.59	3.12	*	**	-
30	PLACE1007257	10	9.05	8.75	2.44	7.1	2.96	4.72	2.48	2.64	*	**	-
	PLACE1007274	7.6	6.25	7.77	4.39	3.79	3.63	3.01	2.85	2.82	**	**	-
	PLACE1007276	4.51	6.36	6.4	3.01	2.72	2.17	2.35	3.34	6.03	**	**	-
	PLACE1007282	6.97	4.05	5.61	2.64	2.11	3.56	3.82	3.22	3.39	*	*	-
	PLACE1007286	11.57	9.64	10.32	4.04	6.1	5.17	5.17	3.51	3.72	**	**	-
	PLACE1007296	16.68	11.68	9.05	4.46	6.87	6.7	3.08	3.72	1.93	*	*	-
35	PLACE1007301	14.64	13.62	12.24	3.61	5.07	2.97	5.09	2.86	3.16	**	**	-
	PLACE1007314	9.78	10.14	10.9	5.59	4.99	2.5	3.88	2.16	3.2	**	**	-
	PLACE1007317	8.02	7.14	6.45	3.78	5.35	2.25	2.6	5.13	4.46	*	*	-
	PLACE1007329	6.93	6.45	9.13	3.46	3.47	2.66	3.68	2.3	2.77	**	**	-
	PLACE1007338	57.3	54.81	50.58	25.62	27.62	24.63	49.58	43.5	58.48	**	**	-
40	PLACE1007342	41.9	26.92	32.51	26.5	30.16	25.56	24.13	20.5	25.41			
	PLACE1007345	5.67	4.07	4.44	3.74	2.2	1.81	1.89	2.39	3.75	*	*	-
	PLACE1007348	20.5	15.07	16.53	8.68	6.27	3.82	4.58	3.48	4.29	**	**	-
	PLACE1007359	41.26	41.58	38.73	21.16	26.14	23.96	27.05	27.12	33.74	**	**	-
	PLACE1007367	8.65	8.31	7.96	1.51	3.49	1.31	3.83	1.42	3.11	**	**	-
	PLACE1007375	12.55	10.83	9.7	1.39	5.63	1.68	2.54	2.85	2.14	**	**	-
45	PLACE1007377	6.98	4.2	6.44	4.26	4.62	2.93	3.59	4.11	3.58			
	PLACE1007386	12.07	10.56	14.15	4.68	4.55	5.21	6.12	7.62	8.27	**	*	-
	PLACE1007392	24.21	18.68	19.13	13.92	12.02	7.51	28.83	13.55	12.42	*	*	-
	PLACE1007402	16.76	19.32	15.87	8.17	8.78	7.34	11.49	10.03	10.79	**	**	-
	PLACE1007409	9.51	9.82	11.04	5.11	5.51	7.23	4.08	2.01	3.77	**	**	-
	PLACE1007416	22.54	28.88	22.62	18.84	13.11	6.16	9.22	5.36	7.49	*	**	-
50	PLACE1007420	14.67	16.22	16.74	8.73	9.19	6.79	10.55	5.47	7.91	**	**	-
	PLACE1007431	28.03	25.88	21.18	15.73	16.55	11.3	26.89	15.55	26.27	*	*	-
	PLACE1007450	6.82	6.06	4.68	4.06	4.16	1.71	5.65	4.38	4.35			
	PLACE1007452	14.4	7.71	4.99	5.04	6.12	1.89	4.23	8.8	6.06			
	PLACE1007454	49.36	46.08	36.43	21.1	38.54	20.65	11.86	16.68	14.49	**	*	-
	PLACE1007460	11.52	10.93	12.45	8.16	8.35	4.82	9.8	9.12	12.38	*	*	-
55	PLACE1007478	12.6	13.38	10.86	4.17	8.16	7.05	7.4	4.59	6.97	*	**	-
	PLACE1007484	10.71	6.45	6.68	3.65	4	2.5	4.9	2.97	5.47	*	*	-
	PLACE1007488	14.59	14.99	17.16	7.24	4.48	5.55	6.08	3.67	8.77	**	**	-

Table 484

	PLACE1007507	16.63	14.22	12.4	6.49	10.52	5.63	19.33	11.77	17.21	*	-	-
	PLACE1007511	13.25	11.24	10.12	3.93	3.98	2.6	3.01	2.43	4.23	**	**	-
5	PLACE1007513	4.53	2.47	3.69	3.11	1.64	1.97	3.06	2.87	2.04	*	-	-
	PLACE1007524	49.4	41.73	37.58	21.38	27.05	16.04	48.44	42.69	43.18	*	-	-
	PLACE1007525	7.48	5.19	4.73	2.29	4.06	1.12	3.74	3.09	4.25	*	-	-
	PLACE1007537	8.42	7.3	9.61	4.91	5.72	3.83	6.57	5.7	5.93	*	*	-
	PLACE1007544	5.67	4.7	5.81	1.28	3.36	2.37	4.39	1.96	2.74	*	*	-
	PLACE1007547	16.52	13.81	13.32	8.64	13.2	6.38	11.36	9.38	8.52	*	*	-
10	PLACE1007557	22.7	26.33	16.93	8.14	13.6	7.63	24.98	15.24	20.74	*	-	-
	PLACE1007560	25.9	29.34	29.57	9.23	13.41	19.28	21.02	29.63	20.17	*	-	-
	PLACE1007565	3.88	2.26	3.15	1.89	4.77	2.57	1.98	2.22	2.43	*	-	-
	PLACE1007580	4.59	3.09	5.83	2.2	6.97	1.42	1.87	5.45	1.54	*	-	-
	PLACE1007583	3.85	2.11	3.18	1.64	4.14	4.12	2.02	2.49	2.5	*	-	-
	PLACE1007591	5.53	6.61	10.65	2.9	4.26	2.95	4.34	4.96	5.37	*	-	-
15	PLACE1007598	9.38	9.28	9	2.96	15.1	3.88	2.92	7.29	5.52	*	-	-
	PLACE1007610	3.93	7.09	11.32	4.32	11.34	3.52	4.35	8.81	6.31	*	-	-
	PLACE1007618	4.85	4.13	5.18	3.66	4.39	5.01	3.62	3.16	4.04	*	-	-
	PLACE1007621	20.28	8.69	15.56	6.24	12.9	7.98	10.43	10.06	8.81	*	-	-
	PLACE1007626	35.43	28.05	45.42	25.74	50.46	26.54	38.37	49.51	35.74	*	-	-
20	PLACE1007632	8.18	6.61	8.24	5.02	13.18	12.74	5.22	7.37	5.53	*	-	-
	PLACE1007635	17.84	21.72	22.91	16.26	21.82	12.51	7.83	15.31	12.34	*	-	-
	PLACE1007645	29.46	44.32	50.79	23.79	28.69	29.97	18.24	19.23	26.32	*	-	-
	PLACE1007649	5.43	7.86	6.71	4.51	9.04	3.18	4.73	2.18	2.74	*	-	-
	PLACE1007659	23.48	33.01	29.15	18.02	23.66	14.9	25	27.47	23.31	*	-	-
	PLACE1007669	17.27	10.25	11.99	6.18	6.01	5.07	11.02	11.92	11.97	*	-	-
25	PLACE1007677	15.06	16.35	15.01	8.53	7.7	12.44	11.15	10.52	8.69	*	**	-
	PLACE1007688	30.37	21.3	31.84	9.3	9.6	6.97	5.43	7.59	4.3	**	**	-
	PLACE1007690	16.29	14.9	13.94	8.07	9.45	10.99	5.55	6.43	7.69	**	**	-
	PLACE1007697	7.22	8.07	8.65	7.42	10.69	12.34	4.08	7.67	5.36	*	-	-
	PLACE1007702	9.68	16.27	14.18	8.71	12.06	12.61	6.79	7.15	7.48	*	-	-
	PLACE1007706	14.91	16.84	14.3	10.72	14.81	6.93	5.13	7.31	8.61	**	-	-
30	PLACE1007729	15.22	10.08	11.32	8.01	8.72	6.5	4.92	7.04	8.09	*	-	-
	PLACE1007729	9.62	8.04	8.37	6.72	6.7	9.05	5.49	8.22	6.25	*	-	-
	PLACE1007730	14.54	9.51	13.82	11.08	11.03	10.92	7.95	12.03	8.17	*	-	-
	PLACE1007737	26.23	17.29	21.46	12.32	15.98	9.58	13.89	16.95	16.37	*	-	-
	PLACE1007743	15.62	16.04	17.86	8.71	10.59	7.11	6.26	11.61	4.77	**	*	-
	PLACE1007746	42.92	48.93	37.39	28.78	37.1	35.26	16.78	10.7	15.4	**	-	-
35	PLACE1007753	14.39	18.43	15.85	13.55	30.64	24.37	6.15	10.27	7.82	**	-	-
	PLACE1007769	10.21	11.59	12.77	11.76	15.29	7.33	6.11	7.79	6.57	**	-	-
	PLACE1007780	5.74	2.24	6.02	2.59	3.98	3.4	2.92	4.75	4.26	*	-	-
	PLACE1007791	7.33	7.57	11.32	6.64	9.26	5.56	5.87	21.8	5.42	*	-	-
	PLACE1007807	10.4	6.68	8.59	5.19	10.28	4.84	5.47	15.67	6.17	*	-	-
40	PLACE1007810	21.71	5.64	13.76	5.45	11.67	20.68	5.72	5.81	5.21	*	-	-
	PLACE1007814	23.92	18.73	27.74	15.47	17.03	13.06	6.08	14.46	7.51	*	*	-
	PLACE1007828	9.64	11.73	14.79	8.65	13.95	8.98	3.79	6.99	9.71	*	-	-
	PLACE1007829	21.86	26.65	22.58	10.61	17.88	12.23	16.05	20.8	14.7	*	-	-
45	PLACE1007841	12.3	14.26	16.38	8.52	14.17	8.97	13.64	10.06	9.74	*	-	-
	PLACE1007842	7.29	10.66	10.16	4.04	8.15	4.63	12.33	6.69	8.73	*	-	-
	PLACE1007843	8.16	7.8	8.23	4.71	8.29	4.31	4.49	6.71	2.94	*	-	-
	PLACE1007845	14.45	11.07	14.52	8.03	11	7.42	8.69	6.18	6.07	*	*	-
	PLACE1007846	9.52	9.87	9.08	6.82	5.35	6.86	5.9	8.42	7.28	**	*	-
	PLACE1007848	10.96	7.82	17.21	7.21	6.58	4.31	3.05	6.37	4.05	*	-	-
	PLACE1007852	38.45	42.72	20.94	14.02	16.83	14.13	8.86	9.78	9.37	*	*	-
	PLACE1007858	19.55	23.44	22.4	13.38	19.15	12.06	12.86	10.77	11.27	*	**	-
50	PLACE1007866	106.06	120.7	80.75	100.84	136.45	101.33	115.22	114.23	135.63	*	-	-
	PLACE1007871	46.64	38.13	36.79	13.91	18.93	11.35	19.19	30.79	21.75	**	*	-
	PLACE1007877	11.11	8.45	11.03	7.02	8.84	8.83	6.39	7.32	5.13	*	-	-
	PLACE1007878	37.18	35.47	41.1	20.44	30.52	24.13	17.29	22.96	22.69	*	**	-
	PLACE1007881	7.08	8.99	9.43	6.21	6.72	5.42	3.38	3.24	2.37	*	**	-
	PLACE1007885	13.54	9.97	15.34	8.52	12.53	23.99	7.37	7.86	5.04	*	-	-
	PLACE1007897	9.52	10.47	10.76	6.15	8.22	8.75	3.33	3.79	2.67	*	**	-
55	PLACE1007908	27.14	31.91	21.03	11.57	16.17	12.14	8.02	9.92	9.32	*	**	-
	PLACE1007922	13.27	17.29	11.92	8.56	15.72	12.01	8.76	6.61	6.69	*	-	-
	PLACE1007946	8.9	7.88	9.69	3.7	5.72	2.73	4.49	7.73	5.93	**	-	-

Table 485

	PLACE1007950	123	99.57	90.18	75	73.07	58.93	91.95	114.45	65.58	*	-
	PLACE1007954	8.61	7.27	7.95	5.58	7.49	5.54	3.77	4.03	2.97	**	-
5	PLACE1007955	17.64	15.71	13.66	11.51	9.3	9.77	6.99	7.04	4.12	*	-
	PLACE1007956	11.86	9.09	7.66	6.57	9.25	6.9	4.06	4.11	3.44	*	-
	PLACE1007958	9.03	7.99	9.04	2.65	4.9	3.85	2.65	3.75	2.07	**	-
	PLACE1007965	15.3	16.37	14.75	7.93	11.66	10.38	7.23	6.65	5.87	*	-
	PLACE1007969	24.54	27.08	14.83	16.49	16.9	27.64	8.5	10.51	6.83	*	-
	PLACE1007971	14.86	11.23	10.66	4.6	5.77	4.48	5.47	4.42	6.63	**	-
10	PLACE1007980	13.72	7.91	11.82	6.44	6.58	7.05	6.02	6.86	7.23		-
	PLACE1008000	8.41	4.96	5.71	4.66	6.7	5.87	3.52	3.67	3.05		-
	PLACE1008002	8.38	10.22	5.77	6.22	6.73	3.91	3.28	5.34	3.3	*	-
	PLACE1008037	7.47	6.35	4.25	2.21	4.95	4.35	2.35	1.88	2.58	*	-
	PLACE1008044	23.79	15.95	12.5	7.05	19.86	9.73	6.75	10	6.08		-
	PLACE1008046	19.99	21.06	9.24	5.88	14.67	9.04	6.52	7.55	2.12		-
15	PLACE1008080	15.75	26.6	10.27	8.38	25.41	7.91	16.05	14.95	13.99		-
	PLACE1008092	7.67	5.27	5.41	3.04	5.53	3.46	4.86	3.3	3.17		-
	PLACE1008095	16.14	13.84	10.97	4.61	15.55	7.49	3.99	9.83	5.13	*	-
	PLACE1008105	10.75	13.42	9.63	5.46	13.95	7.7	10.03	7.96	6.35		-
	PLACE1008107	6.1	7.51	5.49	4.1	6.68	4.81	2.94	3.48	3.2	**	-
20	PLACE1008111	12.94	8.4	7.21	4.85	8.37	6.82	4.56	1.47	2.41	*	-
	PLACE1008113	48.12	32.36	36.95	30.18	28.53	18.75	11.39	9.55	15.2	**	-
	PLACE1008122	12.52	11.61	10.25	6.59	8.27	7	4.17	3.46	4.27	**	-
	PLACE1008129	12.19	11.22	9.29	6.85	14.96	11.14	8.9	8.46	6.51		-
	PLACE1008132	21.17	14.41	14.91	9.14	12.76	11.94	8.42	8.33	8.23	*	-
	PLACE1008137	10.44	6.69	4.43	4.58	5.26	3.39	2.11	5.99	2.53		-
	PLACE1008174	12.98	8.11	5.85	5.98	7.01	8.19	6.41	5.88	5.58		-
25	PLACE1008177	5.92	6.91	4.83	3.39	4.55	3.28	3.39	1.53	3.61	*	-
	PLACE1008181	12.18	13.31	12.04	4.81	8.68	5.04	4.65	2.16	4.62	**	-
	PLACE1008195	13.39	9.3	9.62	7.44	7.76	6.35	5.1	3.44	5.91	*	-
	PLACE1008198	12.57	11.23	9.83	6.75	6.36	4.49	7.75	4.45	5.55	**	-
	PLACE1008201	10.88	12.64	8.33	6.13	9.66	7.65	6.3	5.05	9.18		-
	PLACE1008209	10.96	9.72	8.1	4.34	4.16	5.71	10.15	7.4	9.7	**	-
30	PLACE1008226	27.87	17.88	18.73	12.29	14.5	8.3	21.53	17.31	27.74		-
	PLACE1008227	19.93	14.99	13.17	9.05	11.55	7.15	13.25	11.51	13.73	*	-
	PLACE1008231	7.21	4.7	4.12	4.59	4.49	3.26	5.49	4.08	3.39		-
	PLACE1008238	12.79	18.51	15.04	5.47	8.57	11.49	6.6	7.97	4.88	*	-
	PLACE1008244	10.53	9.75	8.28	4.31	8.05	4.21	4.37	5.37	5.5	*	-
35	PLACE1008249	15.98	17.02	8.54	6.34	10.36	6.43	17.75	4.65	8.03		-
	PLACE1008266	102.69	124.96	102.56	88.83	113.4	78.29	73.83	64.62	80.68	*	-
	PLACE1008273	14.29	12.39	14.99	6.95	10.06	11.71	9.42	8.24	5.42	*	-
	PLACE1008275	5.26	4.99	6.79	3.64	10.8	3.9	3.08	3.54	1.54	*	-
	PLACE1008280	6.85	6.62	6.82	4.72	8.46	4.99	3.58	6.79	2.98		-
	PLACE1008282	12.89	9.41	16.7	11.11	18.66	13.55	5.47	11.9	7.88		-
40	PLACE1008297	12.14	13.11	10.26	7.3	9.97	7.71	3.51	6.91	7.44	*	-
	PLACE1008303	11.47	15.79	13.38	11.12	14.28	7.92	5.84	6.87	4.96	**	-
	PLACE1008309	4.41	7.26	5.38	6.98	9.29	6.05	3.56	4.2	4.65		-
	PLACE1008315	19.59	15.1	15.12	9.86	9.1	7.96	7.41	8.94	11.54	**	-
	PLACE1008329	8.22	7.92	9.32	5.09	12.42	9.18	10.32	5.48	5.2		-
	PLACE1008330	11.04	9.94	11.21	6.66	7.9	5.74	7.19	13.56	9.01	**	-
45	PLACE1008331	9	15.63	14.68	4.1	11.97	13.67	4.88	7.64	5.55	*	-
	PLACE1008351	12.84	22	18.28	7.61	13.2	12.68	4.26	8.16	3.26	*	-
	PLACE1008356	13.82	13.87	16.44	11.31	18.42	14.21	4.74	8.97	9.76	*	-
	PLACE1008359	10.61	8.67	5.76	4.5	6.41	4.58	3.38	3.42	3.83	*	-
	PLACE1008363	15.16	18.55	16.33	11.79	13.53	6.82	4.87	5.65	5.64	**	-
	PLACE1008369	3.81	2.08	4.52	1.83	1.71	1.5	2.12	2.77	3.86		-
50	PLACE1008382	11.15	8.41	9.64	4.52	7.73	5.42	7.63	11.47	6.48	*	-
	PLACE1008394	11.83	9.98	11.91	7.27	9.44	5.81	12.55	9.98	4.42	*	-
	PLACE1008398	23.83	19.35	38.34	11.94	10.53	17.6	18.05	34.01	14.62		-
	PLACE1008401	9.05	11.72	16.92	8.36	9.24	6.49	5.59	6.98	7.72		-
	PLACE1008402	8.61	13.91	16.2	7.29	15.86	9.77	4.08	3.77	5.17	*	-
	PLACE1008405	93.35	102.54	109	58.1	65.02	51.5	64.76	63.76	63.34	**	-
55	PLACE1008409	9.15	10.83	10.45	7.65	10.56	6.32	5.13	6.5	6.16	**	-
	PLACE1008420	4.6	3.84	4.48	2.08	3.3	3.48	3.03	3.37	1.89	*	-
	PLACE1008424	8.77	7.89	8.59	4.05	4.03	4.43	4.27	11.48	5.37	**	-

Table 486

	PLACE1008426	9.02	4.49	7.91	3	6.94	4.35	2.2	4.69	5.02			
	PLACE1008429	6.72	4.48	8.18	2.61	5.16	2.94	4.14	3.81	3.51			
5	PLACE1008430	14.21	10.67	13.56	6.18	13.27	13.78	7.02	13.13	6.7			
	PLACE1008437	10.05	12.15	13.23	7.3	7.15	7.37	5.37	12.87	6.94	**	-	
	PLACE1008453	9.93	7.46	12.22	2.24	6.5	5.48	4.46	4.26	3.11	*	*	-
	PLACE1008454	21.6	22.78	23.98	10.1	17.4	10.34	15.68	15.08	11.82	*	**	-
	PLACE1008455	34.62	30.32	25.55	12.02	19.33	14.29	16.61	22	23.57	*	*	-
	PLACE1008457	11.67	8.98	10.52	6.51	8.83	5.84	9.41	9.29	9.88	*	*	-
10	PLACE1008465	7.78	1.83	9.65	2.4	6.54	3.49	3.66	7.05	5.33			
	PLACE1008469	9.74	7.14	10.33	5.36	5.23	4.43	4.05	9.23	7.36	*	-	
	PLACE1008488	7.69	9.06	16.27	2.87	27.47	11.79	3.3	10.09	3.95			
	PLACE1008519	13.67	13.58	16.65	12.54	13.83	10.17	7.48	12.69	9.26			
	PLACE1008524	16.01	17.28	16.34	7.24	7.92	7.96	6.91	6.21	5.65	**	**	-
	PLACE1008531	10.83	9.9	10.84	3.6	7.89	4.88	5.5	5.84	4.3	*	**	-
15	PLACE1008532	31.22	27.65	29.16	13.43	17.17	10.64	20	23.65	23.08	**	**	-
	PLACE1008533	16.83	14.02	15.02	5.15	9.56	6.45	8.04	10.1	5.87	**	**	-
	PLACE1008542	11.05	6.89	12.38	7.62	8.01	5.5	3.52	4.43	4.89	*	*	-
	PLACE1008549	8.08	8.32	6.56	2.76	4.31	2.64	3.19	4.98	1.09	**	*	-
	PLACE1008560	9.22	6.82	8.11	4.41	4.7	3.86	2.93	3	1.98	**	**	-
	PLACE1008567	12.46	12.8	11.19	3	4.87	3.75	6.88	4.77	3.6	**	**	-
20	PLACE1008568	11.23	14.36	12.98	7.02	10.07	9.2	4.7	4.88	4.71	*	**	-
	PLACE1008569	26.76	24.83	18.12	14.19	21.2	18.33	7.27	6.81	8.32	**	**	-
	PLACE1008584	12.08	11.9	8.94	4.22	7.86	8.69	3.89	8.17	12.55			
	PLACE1008585	31.41	26.84	21.37	12.16	16.5	14.29	13.28	12.03	8.95	*	**	-
	PLACE1008603	88.44	58.86	85.85	77.22	107.17	81.02	46.69	50.43	38.76	*	*	-
	PLACE1008621	8.51	5.24	9.31	3.02	5.85	4.1	5.45	4.49	4.31			
25	PLACE1008625	5.93	4.92	6	3.54	3.65	3.16	1.59	3.39	1.97	**	**	-
	PLACE1008626	7.17	7.14	8.41	4.47	6	4.22	1.34	2.51	2.04	*	**	-
	PLACE1008627	16.63	17.04	15.47	5.85	10.41	6.49	6.26	6.1	3.78	**	**	-
	PLACE1008629	17.85	11.92	13.81	7.55	20.73	20.07	19.18	21.96	10.11			
	PLACE1008630	10.34	9.61	9.25	3.39	5.31	3.93	4.34	4.76	3.98	**	**	-
	PLACE1008643	13.74	8.06	11.06	4.37	9.48	6.43	6.52	10.46	6.53			
30	PLACE1008650	8.08	8.41	6.76	5.59	6.65	6.55	3.49	3.07	2.46	**	*	-
	PLACE1008657	20.07	16.69	13.65	10.15	11.39	11.63	13.41	12.65	11.83	*	*	-
	PLACE1008664	16.27	13.14	9.24	7.33	8.26	11.12	3.83	4.48	3.67	*	*	-
	PLACE1008693	19.24	12.55	11.48	5.9	7.48	8.22	10.23	10.76	7.26	*	*	-
	PLACE1008696	15.27	18.92	13.52	8.56	14.35	6	9.09	6.63	6.3	**	*	-
35	PLACE1008715	12.07	13.35	10.97	4.79	8.42	4.36	3.79	3.86	5.13	*	**	-
	PLACE1008716	9.95	8.16	6.63	2.27	4.4	4.51	4.19	6.11	4.54	*	*	-
	PLACE1008722	23.06	17.9	16.82	6.63	6.45	7.4	2.92	4.69	5.05	**	**	-
	PLACE1008738	22.32	18.29	21.17	13.47	19.87	5.51	15.63	19.57	23.28			
	PLACE1008742	84.96	67.74	75.79	53.3	53.65	55.26	60.09	57.16	55.95	*	*	-
	PLACE1008744	16.51	21.18	12.37	7.32	20.16	7.33	4.32	8.49	4.3	*	*	-
40	PLACE1008748	11.7	8.68	7.89	3.8	3.19	1.95	5.93	2.92	4.46	**	*	-
	PLACE1008757	11.86	10.89	13.3	7.9	13.9	4.82	5.45	7.52	5.79	**	*	-
	PLACE1008766	12.58	9.83	17.07	7.19	5.62	5.22	3.78	3.59	4.47	*	*	-
	PLACE1008785	10.19	7.64	9.9	4.61	6.56	4.55	5.8	6.94	7.6	*	*	-
	PLACE1008790	13.83	10.34	7.69	5.61	9.25	7.49	3.5	9.44	5.2			
	PLACE1008798	38.55	17.87	28.15	8.39	18.4	13.81	20.54	7.92	18.2			
45	PLACE1008807	7.39	8.08	6.82	3.5	7.56	4.57	3.41	3.26	4.62	**	*	-
	PLACE1008808	14.69	14.79	11.52	7.99	7.57	5.08	6.28	4.51	3.87	**	**	-
	PLACE1008813	11.75	10.29	9.69	7.89	7.9	5.45	5.57	3.03	5.81	*	**	-
	PLACE1008836	10.67	11.89	10.55	6.13	6.4	5.79	6.93	5.51	7.49	**	**	-
	PLACE1008851	17.38	11.13	11	56.43	9.1	6.6	16.91	8.29	14.77			
	PLACE1008854	6.2	6.11	5.28	5.3	4.42	2.5	6.46	5.33	5.1			
50	PLACE1008864	19.27	13.51	11	10.42	10.96	6.46	14.43	10.21	14.23			
	PLACE1008867	23.06	15	11.22	6.2	9.84	4.86	5.54	7.61	6.44	*	*	-
	PLACE1008876	176.15	214.21	204.76	126.27	307.85	120.09	159.59	163.82	275.73			
	PLACE1008887	10.24	8.9	12.49	4.83	6.78	7.76	5.17	4.7	6.53	*	*	-
	PLACE1008902	13.44	7.31	7.6	4.55	6.21	3.19	5.49	3.64	7.36			
	PLACE1008911	20.57	23.29	15.12	14.15	10.76	7.02	9.39	4.72	9.35	*	*	-
55	PLACE1008917	7.8	5.68	7.21	2.11	3.42	3.23	3.5	4.03	3.26	**	**	-
	PLACE1008920	3.68	3.98	2.25	1.85	2.38	2.78	2.45	2.52	1.03			
	PLACE1008925	6.03	2.49	3.19	2.51	4.89	2.3	3.22	3.16	2.76			

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	PLACE1008930	19.58	15.04	12.13	4.18	13.75	5.17	6.22	5.55	4.1	*	-
	PLACE1008934	16.24	5.52	7.38	4.49	6.52	4.37	6.49	7.37	5.19	**	-
5	PLACE1008941	7.73	6.12	5.84	2.96	5.21	1.59	3.04	3.68	3.45	**	-
	PLACE1008947	14.65	13.48	10.43	5.14	6.75	4.89	11.51	10.32	9.84	**	-
	PLACE1008984	13.25	12.98	9.34	5.45	4.62	4.47	6.01	1.98	3.15	**	-
	PLACE1008985	7.07	4.44	3.91	3.08	5.06	1.59	3.53	4.2	7.06	*	-
	PLACE1008994	3.13	3.32	2.46	1.43	1.88	1.44	1.4	0.58	1.95	**	-
	PLACE1009020	10.8	10.64	11.79	9.97	10.93	10.07	6.16	7.97	6.48	**	-
10	PLACE1009027	3.76	1.41	3.27	1.39	2.64	1.03	1.54	3.8	0.71	*	-
	PLACE1009039	4.77	3.08	3.94	1.85	3.67	1.57	1.09	2.8	1.86	*	-
	PLACE1009045	8.82	6.04	9.52	3.29	4.82	2.76	2.8	7.24	2.61	*	-
	PLACE1009048	2.06	2.51	4.63	1.04	3.38	1.38	0.62	1.42	2.18	*	-
	PLACE1009050	3.79	3.3	4.62	1.78	8.12	1.71	2.85	3.16	1.84	*	-
	PLACE1009060	19.41	22.53	16.93	15.31	14.46	12.87	9.32	9.93	14.15	*	-
15	PLACE1009067	9.68	7.46	10.13	4.56	10.58	6.42	9.09	6.46	12.36	*	-
	PLACE1009071	20.58	20.38	20.82	12.02	12.73	10.86	11.69	13.76	13.78	**	-
	PLACE1009090	9.2	7.98	10.33	4.26	8.7	11	5.63	8.05	9.63	*	-
	PLACE1009091	83.22	75.58	81.93	64.69	72.29	69.99	50.11	57.74	52.35	*	-
	PLACE1009094	10.97	9.99	9.32	7.26	14.47	8.52	5.42	12.88	9.03	*	-
	PLACE1009099	8.3	10.72	9.62	5.36	7.81	7.04	3.55	4.21	4.97	*	-
20	PLACE1009110	7.1	4.33	5.05	4.77	6.82	3.04	3.19	5.04	4.48	*	-
	PLACE1009111	4.96	7.16	3.67	5.5	7.31	3.03	4.35	3.44	4.4	*	-
	PLACE1009113	16.47	13.6	10.85	8.16	11.25	17.03	7.41	8	12.76	*	-
	PLACE1009130	13.26	8.46	18.05	9.81	8.47	7.77	7.71	8.47	5.51	*	-
	PLACE1009150	9.24	9.08	10.56	5.69	8.31	5.53	5.87	7.76	4.55	*	-
25	PLACE1009155	15.03	18.94	19.94	9.19	13.17	10.27	14.29	28.01	20.9	*	-
	PLACE1009158	11.31	7.28	10.08	9.16	8.65	7.93	4.47	5.84	5.53	*	-
	PLACE1009166	6.72	5.63	9.02	5.97	6.75	3.86	4.53	5.03	5.29	*	-
	PLACE1009172	12.12	10.58	13.44	7.25	11.43	5.16	4.32	7.13	6.22	**	-
	PLACE1009174	15.11	18.12	12.65	13.74	20.86	11.26	7.87	11.41	11.21	*	-
	PLACE1009183	26.21	21.05	18.45	14.71	13.12	9.63	13.01	10.13	17.14	*	-
30	PLACE1009186	16.33	12.69	14.24	9.34	9.66	8.31	3.27	14.09	4.74	**	-
	PLACE1009190	10.56	9.79	11.19	7.65	14.06	8.19	4	6.56	7.14	*	-
	PLACE1009196	13.22	10.75	11.8	7.38	9.71	7.53	10.55	12.57	8.91	*	-
	PLACE1009200	19.33	23.87	22.95	10.45	11.73	10.18	10.96	16.99	17.03	**	-
	PLACE1009217	14.13	24.09	16.64	11.71	10.57	10.58	3.82	4.64	6.12	*	-
	PLACE1009230	27.31	26.63	32.64	10.81	26.12	18.34	16.83	20.7	24.31	*	-
35	PLACE1009236	9.03	10.62	12.67	7.18	9.87	8.71	6.77	9.24	7.63	*	-
	PLACE1009246	21.48	34.44	20.99	9.29	20.22	19.2	9.84	35.09	13.46	*	-
	PLACE1009265	18.86	26.11	25.51	7.08	18.04	9.4	9.34	41.89	9.73	*	-
	PLACE1009279	13.38	8.53	11.2	5.1	7.71	6.09	11.6	8.18	8.91	*	-
	PLACE1009288	49.41	26.44	34.52	26.24	34.87	27.55	30.84	25.04	29.21	**	-
	PLACE1009308	9.89	13.34	12.22	3.57	6.53	4.13	6.2	4.88	5.8	**	-
40	PLACE1009319	11.98	14.82	14.36	7.73	14.05	5.85	5.29	9.69	4.23	*	-
	PLACE1009328	12.86	13.58	15.59	6.43	10.45	5.86	7.1	8.23	11.41	*	-
	PLACE1009335	8.34	6.5	7.11	3.99	9.88	4.55	4.35	7.62	2.32	*	-
	PLACE1009338	14.56	12.99	17.79	6.9	13.74	10.92	6.69	5.83	8.27	**	-
	PLACE1009344	6.92	5.13	5.98	3.02	11.98	4.73	3.18	3.89	2.88	*	-
	PLACE1009355	23.17	22.99	26.45	20.27	18.4	17.42	10.13	10.79	9.83	*	-
45	PLACE1009368	8.63	5.09	6.32	3.35	3.66	2.95	3.35	6.92	2.66	*	-
	PLACE1009375	8.35	5.94	11.71	3.65	4.61	3.52	3.31	4.45	3.97	*	-
	PLACE1009388	18.28	22.47	42.99	8.1	17.38	17.02	11.33	10.99	17.5	*	-
	PLACE1009398	16.02	15.66	15.45	5.65	12.56	7.13	6.81	5.4	4.18	*	-
	PLACE1009404	17.98	10.01	28.67	4.73	28.94	16.4	9.28	9.88	5.15	*	-
	PLACE1009410	13.78	15.39	9.6	5.62	6.24	5.55	5.28	4.64	5.63	*	-
50	PLACE1009417	16.73	9.41	10.65	12.79	9.15	6.2	6.71	6.82	7.05	*	-
	PLACE1009424	9.71	6.5	9.08	4.75	4.94	4.28	3.44	4.18	4.16	*	-
	PLACE1009434	21.73	12.22	10.01	6.12	7.87	5.95	3.69	5.83	2.87	*	-
	PLACE1009443	7.33	14.79	8.94	2.98	3.24	2.54	4.85	2.06	4.82	*	-
	PLACE1009444	13.13	14.77	17.33	7.6	10.32	8.01	6.52	5.24	6.76	*	-
	PLACE1009459	8.33	7.91	9.2	3.33	5.72	4.79	3.49	3.56	3.33	**	-
55	PLACE1009460	9.94	14.6	11.32	7.7	8.3	7.62	5.02	3.61	2.95	*	-
	PLACE1009468	12.43	12.85	9.11	5.4	5.98	4.76	4.66	5.65	8.17	**	-
	PLACE1009476	7.02	4.9	5.38	3	3.07	3.32	3.74	3.76	3.61	*	-

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	PLACE1009477	13.59	11.11	12.8	10.3	9.83	6.89	8.75	11.15	10.89				
	PLACE1009493	5.63	4.68	4.85	3.04	3.33	2.25	3.06	2.29	1.49	**	**	-	-
5	PLACE1009502	11.43	9.62	8.39	5.92	5.81	5.8	4.63	7.61	3.19	*	*	-	-
	PLACE1009524	7.56	7.26	7.63	1.87	3.86	2.97	2.66	3.37	2.46	**	**	-	-
	PLACE1009527	18.34	12.36	9.71	6.88	11.49	9.95	6.88	5.14	3.52	*	*	-	-
	PLACE1009531	25.38	45.76	31.03	26.02	25.63	22.82	19.07	17.64	15.03				
	PLACE1009535	12.3	11.08	8.3	3.83	6.2	5.84	3.36	3.71	4.06	*	**	-	-
	PLACE1009539	8.83	10.23	7.02	4.34	7.56	5.81	5.39	6.61	6.43				
10	PLACE1009540	37.43	26.63	27.99	14.5	25.74	28.63	21	11.9	8.26	*	*	-	-
	PLACE1009542	12	5.45	5.7	3.62	4.51	6	3.18	3.69	2.67				
	PLACE1009546	12.67	10.42	6.26	3.72	5.36	5.98	4.35	10.8	3.68				
	PLACE1009556	7.91	6.37	6.72	5.1	4.62	3.16	3.16	2.46	2.95	*	**	-	-
	PLACE1009569	11.99	15.44	10.67	4.76	13.77	8.59	5.94	5.33	6.24	**	**	-	-
	PLACE1009571	7.82	9.37	5.59	3.8	7.13	3.69	5.84	2.83	4.48				
15	PLACE1009573	22.09	15.86	12.31	9.76	17.27	9.7	8.26	8.91	7.87	*	*	-	-
	PLACE1009576	13.53	9.49	9.65	4.21	6.31	4.13	5.49	5.78	4.15	*	*	-	-
	PLACE1009580	9.86	9.33	7.56	5.13	7.69	4.5	8.75	3.59	4.85				
	PLACE1009581	12.95	12.1	8.15	7.19	5.84	4.99	3.45	2.48	3.53	*	**	-	-
	PLACE1009587	13.3	7.18	8.26	7.06	6.26	5.41	3.85	4.9	4.28				
	PLACE1009593	18.08	14.97	12.54	14.73	10.76	9.75	5.8	5.66	6.75	**	**	-	-
20	PLACE1009595	24.28	22.3	15.19	12.22	14.76	12.77	19.19	14	13.81				
	PLACE1009596	8.31	5.39	3.71	3.49	5.52	2.24	4.95	2.48	3.3				
	PLACE1009600	19.52	17.07	12.01	6.59	8.79	3.99	8.49	7.24	8.2	*	*	-	-
	PLACE1009604	19.98	10.38	8.96	4.18	6.3	6.58	3.83	5.54	4.55				
	PLACE1009607	17.2	18	14.19	8.35	9.63	7.56	19.54	17.62	14.33	**	**	-	-
25	PLACE1009613	8.31	8.44	6.06	5.1	6.18	4.22	4.39	2.55	3.98	*	*	-	-
	PLACE1009621	18.02	17.88	15.95	7.12	14.76	8.85	8.46	6.45	12.83	*	*	-	-
	PLACE1009622	16.93	9.51	8.44	5	5.84	4.46	4.96	3.18	4.98				
	PLACE1009624	23.04	19.02	15.23	8.31	9.71	5.05	7.94	5.67	7.85	*	**	-	-
	PLACE1009637	8.56	7.93	7.76	3.81	7.55	4.55	3.93	3.27	4.29	**	**	-	-
	PLACE1009639	14.9	6.92	3.57	7.62	5.31	8.34	6.06	5.69	7.84				
30	PLACE1009654	23.03	16.88	13.87	7.6	11.88	8.66	7.4	8.09	10.22	*	*	-	-
	PLACE1009658	17.62	16.71	15.38	8.59	15.54	12.83	6.78	8.01	7.95	**	**	-	-
	PLACE1009665	13.55	12.11	8.08	5.71	10.66	10.87	8.53	10.59	8.01				
	PLACE1009669	10.91	11.58	11.44	5.71	8.38	5.23	8.32	8.02	8.98	**	**	-	-
	PLACE1009670	10	4.03	5.32	3.93	4.76	8.45	5.57	4.18	5.29				
	PLACE1009708	13.41	10.39	7.63	11.97	12.63	3.57	6.84	3.75	9.58				
35	PLACE1009721	15.79	10.82	9.31	5.16	6.52	4.42	9.11	3.24	6.91	*	*	-	-
	PLACE1009731	5.6	6.57	11.06	5.5	8.58	5.78	5.45	4.8	9.13				
	PLACE1009735	9.43	10.36	12.52	8.67	8.77	6.91	8.15	10.58	12.7				
	PLACE1009737	8.36	8.02	10.98	5.74	17.02	9.89	4.98	11.47	4.66				
	PLACE1009741	8.67	7.59	11.34	6.59	7.8	4.16	2.63	4.89	4.5	*	*	-	-
	PLACE1009752	9.51	12.78	18.39	7.46	12.57	11.15	4.36	9.17	6.85				
40	PLACE1009763	16.81	19.39	15.73	12.5	15.24	13.69	4.1	8.02	6.41	**	**	-	-
	PLACE1009766	7.54	8.76	7.16	6.98	11.81	6.16	9.17	7.21	6.61				
	PLACE1009772	12.62	18.28	13.46	16.58	26.84	15.97	7.94	11.57	13.51				
	PLACE1009782	7.96	6.95	7.99	4.24	6.2	9.33	6.26	4.41	4.35	*	*	-	-
	PLACE1009794	8.71	9.98	15.31	6.91	7.94	5.64	5.81	8.68	9.35				
	PLACE1009798	15.7	11.58	19.23	8.55	9.28	7.81	5.76	14.83	6.68	*	*	-	-
45	PLACE1009845	5.69	8.07	10.29	5.79	6.81	9.4	3.27	3.21	4.35	*	*	-	-
	PLACE1009849	4.29	6.11	7.54	5.25	6.21	5.82	3.81	4.56	5.57				
	PLACE1009857	5.97	7.92	9.09	4.47	4.42	3.88	4.36	2.37	3.85	*	*	-	-
	PLACE1009861	21.52	19.65	20.31	10.08	12.87	8.67	13.97	16.84	16.62	**	**	-	-
	PLACE1009872	225.97	496.72	352.07	405.22	548.08	335.22	583.26	839.73	801.36	*	*	-	-
50	PLACE1009879	93.23	95.23	121.84	37.51	29.99	31.46	33.83	34.28	50.76	**	**	-	-
	PLACE1009886	8.31	6.4	8.23	4.6	3.94	4.45	5.4	6.04	6.14	**	**	-	-
	PLACE1009888	6.21	5.71	6.04	3.1	4.43	3.64	3.76	3.74	3.91	**	**	-	-
	PLACE1009888	16.61	15.12	18.96	7.12	11.3	10.4	7.67	15.82	6.68	*	*	-	-
	PLACE1009908	10.69	13.22	16.94	7.9	15.1	13.2	5.89	21.59	11.16				
	PLACE1009919	18.85	20.8	15.18	25.14	44.25	16.53	6.38	10.08	17.42				
	PLACE1009921	12.5	11.43	13.89	6.9	11.45	10.84	6.74	7.53	6.61	**	**	-	-
55	PLACE1009923	37.38	53.14	35.03	28.71	69.72	45.4	23.4	36.13	28.69				
	PLACE1009924	26.03	16.67	21.48	6.84	14.99	12.69	29.73	40.32	10.81				
	PLACE1009926	10.23	25.64	14.3	6.85	14.35	14.82	6.32	35.83	7.94				

Table 489

	PLACE1009931	29.02	24.07	26.54	12.24	15.5	14.51	9.57	9.79	10.08	**	**	-	-
	PLACE1009935	8.86	7.44	9.7	2.78	11.02	5.42	14.95	3.43	6.35			-	-
5	PLACE1009947	6.29	6.77	9.33	4.25	4.43	3.14	2.04	2.93	4.01	*	*	-	-
	PLACE1009961	7.86	10.21	16.93	5.24	6.64	4.49	4.58	6.45	5			-	-
	PLACE1009971	7.79	7.18	10.26	3.38	7.18	3.34	3.67	4.69	3.08	*	*	-	-
	PLACE1009982	20.35	18.31	15.25	6.6	11.54	11.1	7.87	5.59	13.47	*	*	-	-
	PLACE1009992	12.32	8.01	11.62	6.39	8	6.72	5.24	5.76	6.38	*	*	-	-
	PLACE1009995	21.27	22.11	27.33	13.99	19.4	11.61	8.12	16.7	12.66	*	*	-	-
10	PLACE1009997	23.76	8.03	15.66	6.79	12.9	5.63	10.63	9.44	8.19			-	-
	PLACE1010002	14.56	6.35	12.19	4.66	8.08	5.35	5.32	14.28	7.75			-	-
	PLACE1010011	15.51	14.11	17.86	6.19	7.34	6.29	9.9	6.46	10.43	**	*	-	-
	PLACE1010013	6.16	5.13	12.68	2.37	2.99	1.56	3.53	4.24	2.98			-	-
	PLACE1010021	15.95	20.29	19.12	7.11	14.51	9.31	5.22	8.04	6.15	*	**	-	-
	PLACE1010023	27.49	31.11	21.32	17.41	29.7	20.44	16.49	7.28	6.33	*		-	-
	PLACE1010031	20.87	15.58	32.54	10.16	16.34	7.15	9.85	8.36	10.28			-	-
15	PLACE1010039	20.5	6.62	10.22	3.99	6.51	3.25	2.91	6.23	3.6			-	-
	PLACE1010045	11.17	9.8	13.16	5.75	8.43	6.1	5.11	5.8	5.51	*	**	-	-
	PLACE1010053	7.04	5.22	9.04	6.47	4.19	2.39	2.32	2.12	1.16	*	*	-	-
	PLACE1010060	18.9	18.89	15.21	7.4	8.59	8.37	12.03	13.21	10.77	**	*	-	-
	PLACE1010069	10.06	6.9	13.66	5.33	6.93	4.79	2.86	4.42	3.79	*	*	-	-
20	PLACE1010070	8.15	7.09	9.72	2.34	9.93	4.09	3.65	3.87	2.87	**	*	-	-
	PLACE1010074	63.56	56.74	39.11	24.21	42.72	26.72	25.32	15.29	17.22	*	*	-	-
	PLACE1010076	60.58	44.35	55.45	21.22	23.2	19.4	13.41	12.75	17.59	**	**	-	-
	PLACE1010078	13.76	11.23	14.35	6.69	10.2	8.63	4.38	4.87	4.45	*	**	-	-
	PLACE1010081	27.34	19.16	21.57	12.55	15.05	11.39	11.73	7.47	11.77	*	*	-	-
	PLACE1010083	7.1	7.48	5.64	1.97	2.64	2.62	1.69	2.61	1.96	**	**	-	-
25	PLACE1010089	11.95	9.65	9.57	5.5	5.81	4.38	4.84	2.48	4.43	**	**	-	-
	PLACE1010096	14.85	29.75	16.35	5.81	14.35	9.63	7.28	8.67	5.49	*	*	-	-
	PLACE1010102	22.29	34.08	23.15	9.26	16.03	13.51	7.63	9.06	7.61	*	**	-	-
	PLACE1010105	18.16	20.35	15.99	6.52	12.73	7.6	4.02	4.82	4.1	*	**	-	-
	PLACE1010106	19.44	22.57	15.73	8.29	8.94	12.84	10.96	10.43	10.44	*	*	-	-
	PLACE1010130	6.82	6.56	4.7	3.25	3.39	2.18	3.26	3.47	3.87	*	*	-	-
30	PLACE1010132	20.18	25.39	20.56	20.18	19.1	12.29	12.71	11.47	12.5	**	*	-	-
	PLACE1010134	10.35	11.42	9.66	6.05	6.05	5.55	6.72	4.12	2.88	**	**	-	-
	PLACE1010139	74.68	88.11	79.85	37.26	51.16	43.94	15.68	26.17	18.6	**	**	-	-
	PLACE1010148	10.48	7.43	9.71	13.14	7.54	4.86	3.27	4.13	7.63	*	*	-	-
	PLACE1010155	9.79	7.58	7.63	3.3	5.89	2.96	2.11	2.26	2.53	*	**	-	-
	PLACE1010156	32.59	25.06	24.61	14.7	18.09	11.09	7.29	10.58	14.48	*	**	-	-
35	PLACE1010161	8.48	13.16	10.69	5.15	8.21	6.03	4.47	3.31	5.46	*	*	-	-
	PLACE1010181	8.66	8.08	6.51	2.62	6.54	5.02	3.74	4.12	2.93	**	*	-	-
	PLACE1010194	8.57	7.46	6.67	3.93	4.98	3.84	2.86	2.08	2.37	**	**	-	-
	PLACE1010202	8.39	6.76	12.45	8.31	10.9	5.79	3.56	3.42	2.04	*	*	-	-
	PLACE1010231	12.97	10.31	14.49	7.96	15.61	7.14	8.93	9.42	8.37	*	*	-	-
	PLACE1010235	12.62	15	11.24	4.59	11.54	4.53	6.11	5.14	4.76	**	*	-	-
40	PLACE1010237	5.04	3.77	4.4	2.18	2.37	2.25	2.72	0.64	1.32	**	*	-	-
	PLACE1010251	9.46	4.47	6.29	5.09	4.79	10.14	3.78	5.92	3.88			-	-
	PLACE1010261	8.26	6.41	4.7	3.42	2.86	2.61	4.52	5.73	4.64	*	*	-	-
	PLACE1010270	7.53	8.07	6.36	3.29	6.44	3.19	3.88	4.95	3.8	**	*	-	-
	PLACE1010273	8.97	10.55	5.7	2.72	5.68	3.04	2.78	2.04	3.83	*	*	-	-
45	PLACE1010274	20.97	18.72	29.56	10.88	16.29	14.38	6.73	5.73	6.16	**	*	-	-
	PLACE1010277	15.29	14.99	14.3	8.87	13.93	8.53	11.24	4.25	6.68	*	*	-	-
	PLACE1010293	16.94	20.61	17.07	9.41	11.63	8.24	17.5	8.1	13.23	**	*	-	-
	PLACE1010297	38.08	33.94	34.95	17.91	31.69	15.63	31.8	20.1	25.32			-	-
	PLACE1010300	21.55	15.58	11.87	9.15	8.78	7.88	3.82	5.36	5.08	*	*	-	-
	PLACE1010310	323.02	293.14	231.29	170.36	221.96	136.69	214.56	235.35	207.22	*	*	-	-
50	PLACE1010321	10.7	10.58	7.81	4.96	7.93	6.91	5.6	6.6	6.56	*	*	-	-
	PLACE1010324	6.25	5.69	6.54	2.88	4.51	2.6	4.43	3.34	2.72	*	**	-	-
	PLACE1010329	14.25	11.37	11.93	5.93	10.64	4.89	9.64	9.84	9.32	*	*	-	-
	PLACE1010330	12.28	14.21	10.49	11.84	10.18	7.63	12	7.94	17.86			-	-
	PLACE1010335	27.7	52.66	38.23	18.39	9.7	13.5	16.61	15.38	28.61	*	*	-	-
	PLACE1010341	6.44	4.91	4.72	2	3.7	1.35	4.14	2.93	4.21	*	*	-	-
55	PLACE1010342	2.35	2.93	2.85	2.16	1.61	1.84	1.14	1.19	0.83	*	**	-	-
	PLACE1010346	10.42	6.88	7.23	4.08	5.74	2.77	5.84	6.92	5.88	*	*	-	-
	PLACE1010362	13.25	8.57	9.24	6.56	7.06	3.39	11.5	13.76	14.05			-	-

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	PLACE1010364	11.29	7.43	7.22	2.26	3.51	2.16	4.95	3.65	4.16	*	*	-	-
	PLACE1010368	10.78	8.61	7.03	3.98	6.56	5.19	7.58	7.15	5.73				
5	PLACE1010373	30.2	28.61	24.17	14.82	22.58	10.46	24.63	20.09	20.87	*		-	
	PLACE1010383	18.56	18.15	16.04	10	15.54	3.52	27.13	12.41	12.03				
	PLACE1010385	2.48	1.73	1.18	0.83	2.33	0.49	2.65	1.19	2.06				
	PLACE1010389	8.48	7.51	8.42	3.76	4.47	5.47	3.96	4.51	2.91	**	**	-	-
	PLACE1010401	3.24	0.96	4.6	2.29	2.49	1.63	2.81	2.31	1.6				
	PLACE1010410	22.91	15.39	21.28	8.31	20.95	12.79	12.79	10.9	11.3	*	*	-	-
10	PLACE1010418	18.78	19.01	17.17	5.75	13.45	6.67	11.25	18.37	11.11	*		-	
	PLACE1010425	10.58	10.75	18.36	4.2	4.88	3.19	8.87	11.17	8.75	*		-	
	PLACE1010443	12.48	14.66	16.77	5.6	14.99	6.09	8.79	8.23	11.76	*		-	
	PLACE1010445	36.17	45.7	37.43	17.56	20.28	18.29	39.23	32.46	41.56	**	*	-	-
	PLACE1010481	60.4	46.95	65.37	22.92	26.42	21.44	27.71	30.53	27.4	**	**	-	-
	PLACE1010482	127.4	82.31	84.53	104.64	120.51	109.85	62.48	50.87	49.97	*		-	
15	PLACE1010491	71.28	72.3	73.41	43.51	47.95	35.09	68.63	86.51	74.84	**	*	-	-
	PLACE1010492	20.32	20.74	19.72	20.62	27.04	23.27	9.07	12.55	10.15	*	*	-	-
	PLACE1010509	11.2	13.07	17.83	8.18	12.58	8.24	5.79	8.34	7.68	*		-	
	PLACE1010518	9.76	12.31	18.67	8.17	8.57	7.5	8.04	6.33	6.73				
	PLACE1010522	8.32	9.35	9.63	6.71	11.42	6.63	6.37	5.88	7.65	*		-	
	PLACE1010529	13.09	22.15	14.64	11.31	17.05	8.58	7.61	9.45	9.29				
20	PLACE1010547	36.79	34.33	38.34	12.39	16.81	11.19	21.21	24.3	23.05	**	**	-	-
	PLACE1010560	10.15	9.34	9.56	6.09	4.54	5.89	6.02	5.35	6.13	**	**	-	-
	PLACE1010562	4.79	4.39	12.01	8.8	8.65	6.38	6.41	7.48	4.4				
	PLACE1010579	74.54	67.98	59.08	46.33	48.92	48.24	56.27	84.49	60.31	*		-	
	PLACE1010580	38.79	45.7	46.75	22.24	30	17.17	31.95	38.27	36.2	*		-	
	PLACE1010599	29.35	25.54	32.71	12.61	15.12	14.18	19.83	24.34	23.16	**	*	-	
25	PLACE1010606	31.76	30.37	40.62	15.46	18.15	14.23	22.77	25.83	28.81	**	*	-	
	PLACE1010616	16.39	26.11	18.04	12.86	17.78	7.33	3.49	3.67	4.92	**		-	
	PLACE1010622	9.08	4.75	12.08	2.52	4.26	2.63	11.54	11.12	6.28				
	PLACE1010624	292.79	228.16	204.46	212.8	278.86	210.51	166.11	171.99	155.01	*		-	
	PLACE1010628	48.66	44.83	51.05	27.25	26.82	37.41	15.79	19.04	21	*	**	-	-
30	PLACE1010629	19.03	17.43	20.71	12.12	16.38	15.36	14.93	10.66	11.67	*	*	-	-
	PLACE1010630	15.62	16.61	29.46	8.82	19.7	10.88	11.96	14.1	11.42				
	PLACE1010631	22.99	34.46	25.54	20.07	21.82	17.69	19.23	10.89	16.98	*		-	
	PLACE1010651	8	10.03	11.34	5.4	9.54	5.75	4.35	5.43	5.06	**	*	-	
	PLACE1010661	13.76	16.34	32.78	7.67	13.64	27.31	6.28	10.55	7.26				
	PLACE1010662	28.68	22.75	30.53	8.67	12.27	9.85	25.45	28.04	24.56	**		-	
	PLACE1010668	37.33	37.7	40.55	22.62	25.66	20.72	36.78	44.21	37.46	**		-	
35	PLACE1010702	12.3	6.26	13.51	6.5	7.73	5.88	8.16	17.08	6.46				
	PLACE1010709	70.65	75.49	68.95	55.09	47.9	57.04	50.07	52.69	55.39	**	**	-	-
	PLACE1010713	80.41	68.48	77.71	36.46	48.82	48.26	28.63	32.14	23.64	**	**	-	-
	PLACE1010714	14.85	12.78	15.24	4.19	7.98	4.28	3.33	8.97	5.69	**	*	-	
	PLACE1010716	10.07	15.73	17.8	4.88	22.94	9.1	5.99	13.73	3.7				
40	PLACE1010717	16.27	25.02	15.64	13.63	18.64	10.49	10.76	15.16	3.55				
	PLACE1010720	27.48	32.65	34.2	14.65	18.34	8.25	20.45	22.85	22.74	**	*	-	-
	PLACE1010739	32.06	33.62	24.71	15.33	21.42	15.16	17.5	28.68	18.95	*		-	
	PLACE1010743	44.76	28.81	34.77	15.52	24.11	19.41	14.02	9.67	5.8	*	**	-	-
	PLACE1010752	26.13	19.45	22.02	11.29	9.49	11.37	16.27	24.35	13.97	**		-	
	PLACE1010761	15.13	12.05	32.55	15.98	9.45	8.78	11.14	13.99	12.89				
45	PLACE1010771	28.91	75.96	37.99	25.83	90.51	39.2	31.02	18.86	25.47				
	PLACE1010784	98.45	116.91	93.11	48.56	63.14	52.26	30.32	31.37	33.38	**	**	-	-
	PLACE1010786	16.19	15.53	16.87	8.23	15.52	9.85	7	6.49	9.87	**		-	
	PLACE1010789	46.25	33.26	40.6	14.8	19.17	10.09	44.64	47.22	35.88	**		-	
	PLACE1010800	13.97	9.78	14.67	8.91	6.6	5.82	4.05	5.43	4.76	*	**	-	-
	PLACE1010802	13.35	16.74	27.18	16.21	23.96	4.91	12.32	5.78	37.85				
50	PLACE1010811	26.9	21.58	31.28	13.09	18.01	12.69	11.33	11.86	10.25	*	**	-	-
	PLACE1010813	10.21	6.96	9.67	4.84	4.38	4.87	3.92	2.83	2.64	*	**	-	-
	PLACE1010827	10.79	10.81	12.05	5.43	7.46	5.87	6.65	5.02	3.76	**	**	-	-
	PLACE1010833	9.18	9.98	8.82	3.14	6.94	3.42	1.97	2.07	1.97	*	**	-	-
	PLACE1010839	24.14	30.08	20.18	11.7	20	12.82	16.21	11.13	15.42	*		-	
	PLACE1010856	15.47	10.08	17.88	6.16	6.58	4.26	11.23	8.32	12.26	*		-	
55	PLACE1010857	32.67	31.48	18.71	21.99	18.34	15.41	16.23	15.82	15.61				
	PLACE1010870	5.83	4.92	4.28	3.87	3.55	2.92	2.91	2.04	1.94	*	**	-	-
	PLACE1010877	26.07	20.6	20.89	14.13	8.42	9.71	13.42	12.71	7.25	**	*	-	-

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	PLACE1010882	17.06	13.54	8.42	6.17	5.69	5.82	7.13	5.03	5.37	*	-
	PLACE1010891	27.43	30.32	21.15	13.46	14.41	7.46	15.38	15.07	24.71	*	-
5	PLACE1010896	13.62	18.23	16.16	6.92	8.03	5.78	3.54	4.62	4.06	**	**
	PLACE1010900	66.6	75.65	67.62	55.68	59.03	45.47	67.12	53.92	39.14	*	-
	PLACE1010916	104.52	71.53	76.5	35.13	35.16	33.1	29.84	23.73	27.17	**	**
	PLACE1010917	14.21	14.67	11.27	7.82	5.59	7.41	7.69	7.06	8.76	**	**
	PLACE1010924	5.86	2.7	4.5	2.89	4.47	3.08	2.47	3.1	1.31	*	-
	PLACE1010925	4.94	4.55	4.99	1.83	2.53	1.67	3.09	1.69	1.78	**	**
10	PLACE1010926	13.94	11.16	11.63	5.87	7.64	6.22	5.6	4.23	4.29	**	**
	PLACE1010942	207.77	196.21	175.46	147.15	130.24	102.36	197.42	120.16	123.73	*	-
	PLACE1010943	31.5	26.2	22.98	12.49	22.16	9	15.12	16.22	13.62	*	-
	PLACE1010944	83.2	92.75	68.43	51.82	78.63	47.87	87	58.47	73.16	*	-
	PLACE1010947	33.76	22.26	22.3	12.84	13.89	8.22	22.66	11.99	13.89	*	-
	PLACE1010954	10.33	11.3	11.05	5.3	5.81	5.51	5.34	5.12	4.22	**	**
15	PLACE1010960	15.62	30.44	20.31	7.94	8.28	7.04	11.37	9.05	8.5	*	*
	PLACE1010965	13.17	14.34	9.79	7.54	4.78	3.78	4.15	4.73	5.18	*	**
	PLACE1010968	18.41	14.95	14.27	6.84	9.6	5.59	12.62	6.34	9.37	**	*
	PLACE1010978	57.65	54.74	36.05	40.68	34.09	13.7	16.85	10.36	20.32	*	-
	PLACE1010982	21.44	26.06	15.9	7.42	6.54	11.09	10.66	7.85	9.32	*	*
	PLACE1010990	327.98	344.55	256.15	258.07	367.78	240.66	208.45	171.08	173.44	*	-
20	PLACE1011017	100.16	59.4	54.99	23.72	27.4	15.8	91.94	75.46	99.74	*	-
	PLACE1011019	13.37	8.64	6.46	8.37	6.37	4.79	6.61	7.41	7.81	*	-
	PLACE1011026	17.67	16.91	13.69	8.74	11.48	8.93	15.71	13.37	15.94	*	-
	PLACE1011032	5.5	8.88	7.51	2.84	5.75	2.99	4.5	3.38	3.21	*	-
	PLACE1011041	11.32	11.72	11.41	4.79	6.17	4.9	2.74	0	1.85	**	**
25	PLACE1011045	30.68	27.07	24.09	20.73	22.77	14.24	25.88	22.96	30.06	**	**
	PLACE1011046	10.75	10.03	9.15	3.68	6.42	4.38	4.21	3.5	2.56	**	**
	PLACE1011054	23.11	26.67	18.54	13.24	17.45	11.68	27.3	21.77	27.93	*	-
	PLACE1011056	5.67	3.31	3.16	3.73	4.11	8.46	6.33	3.05	6.91	*	-
	PLACE1011057	10.04	18.53	7.99	8.15	6.14	3.72	11.95	6.55	7.6	*	-
	PLACE1011059	19.4	17.96	11.33	7.08	9.45	9.52	6.53	6.86	9.19	*	*
30	PLACE1011066	9.28	7.31	5.97	5.75	7.03	4.1	2.13	5.18	0.49	*	-
	PLACE1011087	26.84	40.15	33.04	57.32	27.48	16.29	127.9	19.42	37.4	*	-
	PLACE1011090	10.52	7.52	6.48	3.01	5.18	3.1	6.04	4.61	6.16	*	-
	PLACE1011109	43.09	16.58	13.76	6.5	19.94	4.84	12.2	7.21	13.97	*	-
	PLACE1011114	17.98	24.04	19.89	13.12	19.15	8.13	12.09	13.25	14.96	*	-
	PLACE1011116	30.03	28.53	37.37	10.98	8.87	7	8.26	10.18	5.99	**	**
35	PLACE1011122	5.9	6.6	5.93	4.16	4.82	3.11	3.97	4.69	2.89	*	*
	PLACE1011133	6.47	4.35	6.51	3.81	3.93	3.81	2.72	5.84	2.91	**	**
	PLACE1011134	5.48	5.99	6.34	4.28	4.27	3.64	3.72	3.86	3.76	**	**
	PLACE1011143	4.76	9.67	5.59	2.21	5.45	3.27	2.93	3.83	4.13	*	-
	PLACE1011146	10.48	13.56	12.48	9.3	11.11	4.11	4.38	6.69	4.48	**	-
	PLACE1011160	7.71	9.99	6.71	4.98	7.77	3.25	6.45	4.47	3.78	*	-
40	PLACE1011166	21.99	27.95	32.58	8.87	19.75	11.93	12.6	15.59	9.42	*	*
	PLACE1011181	5.25	3.37	6	2.06	4.49	2.29	2.61	4.09	3.85	*	-
	PLACE1011185	60.3	36.78	36.17	37.68	34.15	24.31	17.32	33.87	29.05	*	-
	PLACE1011186	25.07	30.45	27.42	12.69	20.01	15.83	19.93	27.9	21.4	*	-
	PLACE1011203	10.27	18.2	13.8	9.36	12.5	6.63	8.02	13.49	10.02	*	-
	PLACE1011214	7.39	9.12	10.92	5.57	5.78	3.95	1.49	2.02	3.84	*	**
45	PLACE1011219	7.03	5.86	7.27	8.39	4.52	4.58	9.07	4.64	3.23	*	-
	PLACE1011221	10.63	11.42	9.42	5.44	10.51	4.92	4.92	5.52	6.28	**	**
	PLACE1011229	13.76	13.72	12.78	9.23	7.48	4.86	6.43	7.1	4.99	**	**
	PLACE1011231	34.58	28.7	50.02	23.03	24.8	13.83	19.12	24.97	26.97	**	**
	PLACE1011236	13.02	10.94	13.96	5.99	7.59	5.06	4.42	6.98	4.82	**	**
	PLACE1011247	571.8	409.73	639.71	528.63	738.01	566.23	553.23	542.58	267.58	*	-
50	PLACE1011263	4.49	7.26	9.65	4.09	5.29	4.39	2.77	4.83	3.37	*	*
	PLACE1011273	9.77	15.11	15.29	8	7.81	4.87	6.04	5.28	3.97	*	*
	PLACE1011278	21.08	26.71	20.88	9.67	18.17	11.18	9.31	5.1	7.74	**	-
	PLACE1011289	8.76	9.56	9.49	5.47	7.47	4.38	4.05	4.14	4.61	*	**
	PLACE1011291	3.27	1.73	2.37	1.38	1.37	0.09	2.52	4.22	1.75	*	-
	PLACE1011296	15.1	14.79	20.48	7.86	8.09	7.28	12.72	18.07	15.96	**	-
55	PLACE1011310	49.57	40.91	47.27	26.08	24.65	29.49	26.25	31.46	34.3	**	*
	PLACE1011311	12.85	11.18	13.64	5.84	6.4	7.88	4.02	7.29	3.99	**	**
	PLACE1011321	316.11	225.18	251.29	230.23	241.81	208.08	340.56	284.43	231.07	*	-

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	PLACE1011325	67.49	68.67	34.36	32.79	55.55	25.52	26.06	16.66	23.25	*	-
	PLACE1011332	37.6	32.99	20.69	24.89	22.84	17.06	26.8	25.99	39.36		
5	PLACE1011340	6.86	4.22	8.9	7.42	3.33	10.93	4.69	3.22	3.76		
	PLACE1011353	13.06	9.45	9.31	4.05	5.07	3.21	9.83	8.83	10.17	**	-
	PLACE1011360	7.09	6.29	7.09	5.01	4.64	2.08	4.25	9.92	6.13	*	-
	PLACE1011364	36.2	48	46.69	18.82	32.17	16.48	29.76	23.08	23.29	*	*
	PLACE1011365	56.47	40.06	43.45	30.4	25.78	22.53	35.29	36.44	44.51	*	*
	PLACE1011371	8.03	11.85	15.3	3.37	4.12	3.15	3.67	7.88	4.18	*	-
10	PLACE1011375	7.04	6.27	10.93	2.06	3.1	2.3	1.72	3.77	5.21	*	-
	PLACE1011386	164.83	196.07	182.53	143.65	164.65	123.82	185.62	179.87	160.52		
	PLACE1011399	13.53	14.93	12.77	5.31	8.23	5.03	14.49	12.53	13.08	**	-
	PLACE1011406	24.35	18.36	25.14	17.24	17.93	13.01	14.05	16.63	13.24	*	*
	PLACE1011407	11.96	8.15	11.8	4.39	4.52	4.88	4.7	7.06	4.99	**	*
	PLACE1011419	45.6	33.74	47.01	28.72	27.55	25.25	33.12	24.14	29.66	*	-
15	PLACE1011433	12.4	6.05	13.11	5.89	9.23	4.52	4.03	6.39	4.28		
	PLACE1011440	22.91	21.43	16.68	17.18	6.65	6.34	4.22	2.79	3.13	**	-
	PLACE1011452	21.99	27.18	21.9	7.47	5.58	8.33	1.98	2.55	3.76	**	**
	PLACE1011465	8.59	10.4	8.63	4.43	3.74	3.61	3.27	3.42	2.9	**	**
	PLACE1011472	12.35	11.03	8.39	5.76	5.63	4.74	4.12	4.06	4.53	*	**
	PLACE1011477	6.89	4.15	8.42	3.82	3.1	2.49	5.68	5.36	7.03		
20	PLACE1011478	147.8	127.45	151.17	98.43	129.14	92.91	97.94	88.28	67.65	**	-
	PLACE1011492	8.86	4.94	8.71	5.63	3.6	3.44	4.78	2.62	3.91		
	PLACE1011498	11.86	13.27	11.87	6.42	7.11	5.44	7.49	6.76	6.34	**	**
	PLACE1011501	5.51	5	4.76	1.97	2.88	1.92	1.53	1.09	0.63	**	**
	PLACE1011503	8.36	7.18	8.72	3.16	3.42	2.41	3.54	1.96	1.63	**	**
	PLACE1011508	6.79	8.76	6.8	2.67	3.22	3.57	3.54	1.66	2.46	**	**
25	PLACE1011514	39.36	42.6	35.59	29.05	24.04	21.59	28.05	21.32	28.44	**	*
	PLACE1011516	2.25	2.2	3.02	1.65	1.39	0.92	2.22	1.19	1.28	*	-
	PLACE1011520	56.28	54.22	44.97	60.14	59.13	46.66	37.37	33.63	31.08	*	*
	PLACE1011538	3.92	2.67	3.99	1.41	2.25	0.89	1.63	0.52	1.52	*	*
	PLACE1011555	5.04	5.36	4.18	1.71	1.41	2.12	2.42	1.66	2.13	**	**
	PLACE1011561	40.83	32.97	31.05	28.42	20.97	80.97	15.06	18.06	18.45	**	-
30	PLACE1011563	10.59	8.43	6.69	4.39	3.31	1.28	2.74	2.46	2.05	*	**
	PLACE1011567	8.99	5.72	8.85	4.85	2.48	0.94	3.39	1.71	1.08	*	*
	PLACE1011569	17.38	15.57	12.39	8.98	14.17	5.41	4.61	3.24	6.59	**	-
	PLACE1011576	9.4	4.88	4.15	2.79	3.81	3.52	4.89	6.65	7.51		
	PLACE1011586	11.29	10.02	9.62	6.88	3.58	5.49	4.18	5.75	5.57	**	**
35	PLACE1011635	30.93	17.84	23.55	13.98	14.55	6.78	13.1	10.06	12.62	*	-
	PLACE1011641	17.21	13.31	15.5	11.83	10.3	8.13	12.16	8.31	8.02	*	*
	PLACE1011642	14.04	9.07	8.81	4.73	3.8	2.98	2.08	3.09	1.68	*	**
	PLACE1011643	21.88	15.91	14.62	9.69	7.73	4.5	12.37	9.92	7.66	*	*
	PLACE1011646	50.88	55.98	42.92	29.54	24.58	20.05	12.83	13.88	9.31	**	**
	PLACE1011649	101.51	209.33	140.08	111.98	127.38	61.19	33.86	36.5	31.67	*	-
40	PLACE1011659	21.23	16.3	17.27	6.34	7.58	5.35	13.14	9.77	13.14	**	*
	PLACE1011661	36.54	29.6	21.98	17.54	11.85	16.02	29.9	27.07	30.09	*	-
	PLACE1011664	4693.7	3704.8	3103.3	1925.9	2495.7	2680.1	3091.7	3779.5	2474.5	*	-
	PLACE1011672	14.58	19.19	17.05	4.82	11.54	6.52	8.71	6.37	8.66	*	**
	PLACE1011675	27.27	28.5	23.64	11.76	7.61	13.02	10.47	6.83	11.83	**	**
	PLACE1011682	31.95	30.83	21.79	24.47	12.69	9.16	19.26	16.69	17.56	*	-
45	PLACE1011708	240.54	265.47	223.19	186.79	250.35	199.96	147.11	130.87	144.28	**	-
	PLACE1011719	2115.1	1324.5	1826.8	1953.8	1265.9	1000.2	1428.6	860.26	1269.9		
	PLACE1011725	14.63	11.44	8.67	4.74	6.3	2.04	9.22	9.94	8.53	*	-
	PLACE1011729	17.92	12.45	10.92	5.48	6.85	3.57	9.59	6.92	10.12	*	-
	PLACE1011741	19.11	16.45	8.97	6.48	6.39	4.13	6.03	4.62	6.01	*	*
	PLACE1011749	198.63	245.38	186.1	98.37	139.73	93.5	146.64	106.95	169.56	*	-
50	PLACE1011757	55.97	64.31	51.13	22.8	27.43	20.99	59.9	47.96	65.48	**	-
	PLACE1011762	112.55	118.61	84.99	66.65	83.7	57.21	113.37	92.71	109.2	*	-
	PLACE1011778	14.17	14.57	14.58	9.09	8.23	7.54	9.58	8.34	17.29	**	-
	PLACE1011783	34.3	38.67	23.05	14.78	12.16	17.09	15.47	21.92	20.45	*	-
	PLACE1011795	26.86	17.86	14.49	8.41	7.89	4.41	13.16	9.37	14.56	*	-
	PLACE1011810	6.46	2.52	3.35	2.53	2.07	0.8	3.19	3.06	3.38		
55	PLACE1011824	86.62	55.93	50.79	29.92	21.66	12.01	21.62	24.56	19.64	*	*
	PLACE1011825	47.11	53.31	45.03	28.52	34.47	24.16	61.42	44.87	47	**	-
	PLACE1011835	12.82	11.42	11.32	5.55	7.84	4.84	7.39	9.98	8.67	**	*

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	PLACE1011836	18.92	14.13	10.67	5.56	9.72	5.44	13.34	9.9	14.01				
	PLACE1011847	18.99	16.08	12.62	9.39	11.06	5.84	18.15	10.26	13.1	*		-	
5	PLACE1011855	44.57	41.99	25.3	17.11	33.33	14.76	55.6	42.68	40.57				
	PLACE1011858	17.26	16.38	17.11	5.33	7.08	6.53	6.22	8.74	5.1	**	**	-	-
	PLACE1011874	23.12	12.72	25.74	16.84	19.22	7.85	10.17	8.71	12.51				
	PLACE1011875	10.58	9.98	11.17	5.18	10.63	6.87	7.18	6.04	4.93	**		-	
	PLACE1011877	4.39	5.14	4.95	3.7	5.52	3.78	2.59	4.05	4.24				
	PLACE1011891	21.71	17.57	18.99	7.39	14.47	8.67	8.21	9.15	7.86	*	**	-	-
10	PLACE1011896	15.35	16.64	24.3	10.41	10.14	12.14	5.01	8.13	7.98	*		-	-
	PLACE1011920	16.12	14.42	15.9	7.68	8.85	7.76	6.46	2.46	3.24	**	**	-	-
	PLACE1011922	9.14	7.55	8.03	4.49	8.39	4.08	7.97	6.15	5.33				
	PLACE1011923	166.86	139.43	146.9	104.2	117.42	86.95	136.93	140	124.61	*		-	-
	PLACE1011937	11.45	9.18	10.8	8.58	6.75	5.1	5.71	6.29	5.46	*	**	-	-
	PLACE1011939	20.33	21.55	26.93	12.79	15.19	13.44	14.58	11.31	12.67	*	*	-	-
15	PLACE1011940	46.38	48.76	46.73	35.11	34.53	31.67	43.31	41.44	39.86	**	**	-	-
	PLACE1011962	58.59	70.73	80.18	30.15	38.09	28.84	47.96	47.68	42.57	**	*	-	-
	PLACE1011964	53.78	49.36	46.95	41.43	47.33	36.34	22.23	20.62	20.74	**		-	-
	PLACE1011978	50.21	52.86	64.71	38.6	31.39	22.36	22.46	20.19	18.12	*	**	-	-
	PLACE1011980	13.57	18.54	10.96	9.65	15.28	6.53	4.68	9.99	8.31				
	PLACE1011981	46.23	28.89	45.44	16.98	15.61	9.98	14.66	11.01	11.18	*	**	-	-
20	PLACE1011982	116.69	99.4	123.56	57.42	68.6	45.01	97.45	90.55	115.07	**		-	-
	PLACE1011995	8.31	11.27	12.33	5	7.29	7.22	6.27	8.29	4.87	*		-	-
	PLACE1012023	36.36	36.13	39.16	21.46	26.03	23.3	20.6	21.06	24.79	**	**	-	-
	PLACE1012026	72.96	80.46	66.75	52.71	40.29	50.42	21.72	33.87	25.71	**	**	-	-
	PLACE1012031	6.69	7.34	9.86	2.73	6.11	3.89	3.41	3.11	3.97	*		-	-
25	PLACE2000003	144.75	222.75	62.64	74.47	133.88	40.79	39.01	32.21	30.64				
	PLACE2000005	20.72	25.78	18.16	9.79	22.43	11.52	5.79	8.65	14.3	*		-	-
	PLACE2000006	74.92	51.78	61.3	27.4	24.75	21.12	50.02	43.94	72.77	**		-	-
	PLACE2000007	11.31	11.29	12.53	6.68	7.02	5.2	5.63	10.02	7	**	*	-	-
	PLACE2000011	20.07	19.36	23.84	14.92	4.58	15.77	9.39	11.52	19.43				
	PLACE2000014	10.47	6.72	12.3	4.76	6.02	3.48	3.63	6.9	4.73	*		-	-
	PLACE2000015	63.77	83.22	43.62	34.06	43.14	43.39	19.29	26.64	36.8	*		-	-
30	PLACE2000017	64.44	66.07	78.07	40.68	48.09	29.95	59.7	61.53	44.91	*		-	-
	PLACE2000021	131	136.36	142.92	116.28	142.66	101.82	89.75	68.71	86.35	**	**	-	-
	PLACE2000022	6.52	6.75	7.52	3.85	5.14	3.55	4.53	1.84	5.72	**		-	-
	PLACE2000030	277.16	275.48	252.39	182.81	167.16	156.31	125.23	96.07	135.65	**	**	-	-
	PLACE2000032	8.03	6.4	8.8	4.38	5.33	2.81	4.32	15.18	4.01	*		-	-
35	PLACE2000033	19.24	16.61	20.22	9.43	14.03	10.83	8.93	12.91	10.87	*	**	-	-
	PLACE2000034	212.75	182.06	146.24	219.9	195.88	170.13	146.86	112.34	125.26				
	PLACE2000039	8.9	10.84	13.51	4.94	3.89	4.8	3.72	4.38	6.52	**	*	-	-
	PLACE2000043	13.64	20.44	15.11	6.28	13.12	6.04	6.05	7.64	6.22	*		-	-
	PLACE2000044	7.28	9.48	9.44	3.48	5.71	4.79	4.48	4.25	4.59	*	**	-	-
	PLACE2000047	17.41	19.39	12.83	6.83	12.83	7.05	7.81	8.54	5.78	*		-	-
40	PLACE2000050	18.34	17.87	22.05	7.34	8.98	7.31	7.51	8.31	7.94	**	**	-	-
	PLACE2000061	53.75	61.97	78.23	34.92	41.03	37.86	22.68	14.04	20.77	*	**	-	-
	PLACE2000062	44.19	44.8	62.08	41.54	45.17	33.58	38.88	38.06	40.24				
	PLACE2000072	216.69	181.79	181.98	200.73	185.27	186.23	111.76	113.44	105.53	**		-	-
	PLACE2000073	8.16	10.75	9.27	3.77	4.89	3.62	4.56	4.79	3.59	**	**	-	-
	PLACE2000097	120.94	128.07	120.9	148.48	131.74	105.73	90.14	87.25	86.79	**		-	-
45	PLACE2000100	13.48	14.19	15.99	6.02	8.77	5.56	4.8	3.51	6.24	**	**	-	-
	PLACE2000103	355.83	328.95	197.42	251.22	436.52	235.01	231.23	336.03	237.95				
	PLACE2000106	32.23	23.41	23.14	14.46	5.17	13.03	9.13	10.5	5.27	*	**	-	-
	PLACE2000111	152.37	157.38	125.3	88.6	105.91	83.66	90.52	44.23	69.19	*	**	-	-
	PLACE2000115	27.01	16.97	16.32	19.6	21.67	16.26	13.74	11.32	11.63				
	PLACE2000118	229.23	214.41	143.27	124.01	152.19	92.15	153.7	62.85	67.07				
50	PLACE2000124	7.33	5.71	5.57	2.12	1.78	1.55	2.01	1.56	1.09	**	**	-	-
	PLACE2000132	18.07	19.01	19.11	15.64	11.16	12.49	9.7	6.52	8.48	*	**	-	-
	PLACE2000136	33.6	40.68	26.33	13.95	42.68	22.54	9.98	17.8	18.28	*		-	-
	PLACE2000137	6.87	5.34	6.91	1.61	2.95	2.09	1.24	1.8	2.36	**	**	-	-
	PLACE2000140	11.37	11.51	12.2	8.07	9.45	9.49	11.48	11.25	10.8	**		-	-
	PLACE2000147	10.22	7.24	9.46	6.01	5.85	4.51	7.52	7.6	9.27	*		-	-
55	PLACE2000153	17.95	21.42	13.85	5.51	9.57	6.43	4.84	5.27	2.27	*	**	-	-
	PLACE2000164	8.53	12.11	9.44	3.18	4.26	4.12	4.98	3.97	2.13	**	**	-	-
	PLACE2000170	38.84	46.93	33	28	28.56	22.27	30.03	23.36	30.82	*		-	-

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	PLACE2000172	9.55	12.02	10.86	4.88	5.87	3.32	4.01	4.8	6.2	**	**	-	-
	PLACE2000173	16.63	20.86	19.04	9.66	11.13	9.7	6.74	6.23	3.14	**	**	-	-
	PLACE2000174	6.73	7.76	6.4	3.37	4.73	2.4	3.08	3.26	1.62	*	**	-	-
5	PLACE2000176	47.07	39.92	36.01	26.8	32.78	24.97	24.68	26.79	25.41	*	**	-	-
	PLACE2000187	11.49	9.44	7.22	4.28	4.58	4.45	2.47	4.64	3.94	*	*	-	-
	PLACE2000216	15.24	13.28	16.1	7.83	10.53	7.67	11.12	11.23	10.67	**	*	-	-
	PLACE2000219	43.32	28.21	37.3	18.17	6.67	13.94	7.68	7.79	6.4	*	**	-	-
	PLACE2000221	9.58	7.64	7.46	2.22	3.99	1.24	4.08	2.43	3.07	**	**	-	-
10	PLACE2000223	16.67	12.34	12.95	4.95	6.75	4.32	4.43	2.01	2.87	**	**	-	-
	PLACE2000231	8.48	8.65	7.01	3.78	5.92	4.27	4.19	2.32	3.59	*	**	-	-
	PLACE2000235	7.02	5.03	3.66	1.54	5.33	1.9	4.43	3.57	3.78			-	-
	PLACE2000246	21.31	17.8	13.21	7.9	13.4	6.47	11.52	9.6	10.91	*		-	-
	PLACE2000264	41.11	43.3	30.68	20.28	22.27	18.14	15.54	15.85	15.69	*	**	-	-
	PLACE2000274	6.8	7.42	7.36	4.35	3.04	1.89	3.84	3.12	4.31	**	**	-	-
15	PLACE2000287	32.11	30.76	24.99	20.39	25.61	21.53	17.96	15.3	19.45	**	**	-	-
	PLACE2000296	42.94	34.88	35.63	23.36	22.17	20.37	32.02	14.36	29.35	**		-	-
	PLACE2000302	252.74	304.77	237.45	265.35	267.99	217.29	124.09	112.58	108.48	**		-	-
	PLACE2000305	21.47	23.58	17.69	16.14	17.23	16.65	22.14	18.21	22.01			-	-
	PLACE2000317	37.2	38.12	23.24	20.01	28.38	14.37	31.05	33.16	31.64			-	-
20	PLACE2000324	18.44	17.84	10.35	6.13	8.75	4.98	3.24	8.74	3.2	*	*	-	-
	PLACE2000334	21.38	17.6	11.43	10.36	8.7	9.37	7.54	6.15	9.1	*		-	-
	PLACE2000335	71.59	66.59	54.82	51.15	35.99	40.86	33.77	36.69	29.67	*	**	-	-
	PLACE2000340	20.62	28.95	19	17.88	23.88	12.85	16.23	14.73	16.82			-	-
	PLACE2000341	14.8	11.92	10.45	5.66	5.34	5.33	5.38	5.46	7.66	**	*	-	-
	PLACE2000342	23.53	21.95	21.97	16.28	11.86	11.51	22.81	14.69	23.12	**		-	-
	PLACE2000347	9.57	9.26	10.05	4.16	2.94	3.3	5.78	3.54	5.48	**	**	-	-
25	PLACE2000357	112.17	70.59	69.73	83.45	100.62	78.25	23	68.79	48.54			-	-
	PLACE2000358	57.37	32.59	34.74	25.22	20.69	15.46	44.93	47.18	42.01			-	-
	PLACE2000359	66.39	48.68	57.2	40.91	54.54	32.45	1.96	27.1	55			-	-
	PLACE2000366	24.09	23.36	19.56	12.65	12.71	9.05	11.75	9.72	10.83	**	**	-	-
	PLACE2000371	12.17	9.37	8.13	5.98	7.76	4.49	7.64	10.97	6.2			-	-
	PLACE2000373	8.3	7.58	8.83	4.52	6.25	4.81	3.89	1.17	2.44	**	**	-	-
30	PLACE2000374	20.82	21.67	18.21	16.3	16.71	14.02	11.71	11.44	14.19	*	**	-	-
	PLACE2000379	109.97	110.55	125.02	99.68	141.5	89.14	84.64	65.75	71.64	**	**	-	-
	PLACE2000386	27.43	27.19	20.99	10.83	12.4	11.22	15.3	17.99	10.26	**	*	-	-
	PLACE2000388	250.97	170.84	203.4	172.85	236.63	173.11	130.31	109.84	93.57	*		-	-
	PLACE2000392	241.74	206.31	271.34	159.33	199.67	145.83	119.57	115.9	95.8	*	**	-	-
35	PLACE2000394	10.9	10.42	13.61	8.59	15.25	7.68	5.68	9.12	6.51	*		-	-
	PLACE2000398	16.83	19.82	17.04	9.21	12.98	10.99	7.5	15.14	8.57	**	*	-	-
	PLACE2000399	30.6	27.17	17.03	25.83	27.41	28.06	9.08	19.74	20.17			-	-
	PLACE2000402	5.25	8.04	8.31	4.2	9.81	3.39	4.84	3.89	6.41			-	-
	PLACE2000404	24.79	49.52	29.14	49.74	21.66	25.22	16.23	19.06	8.51			-	-
	PLACE2000411	5.67	8.96	6.76	7.21	11.84	6.13	5.19	4.54	7.08			-	-
40	PLACE2000418	10.3	8.84	9.67	6.1	3.09	4.67	4.68	5.3	4.11	**	**	-	-
	PLACE2000419	96.71	94.48	148.23	58.48	57.97	27.06	44.37	46.85	45.47	*	*	-	-
	PLACE2000425	9.83	11.3	13.49	7.49	11.26	6.24	5.84	7.49	5.62	*		-	-
	PLACE2000427	15.21	22.92	21.67	15.7	21.56	15.92	5.61	6.9	4.76	**		-	-
	PLACE2000433	25.58	27.32	26.12	13.97	18.4	14.15	21.62	27.64	18.08	**		-	-
	PLACE2000435	16.36	18.11	21.19	9.69	13.76	7.6	8.43	10.79	12.73	*	*	-	-
45	PLACE2000438	35.17	36.25	36.72	24.14	34.38	15.98	38.19	37.23	25.32			-	-
	PLACE2000450	24.38	41.59	23.11	16.35	37.33	18.21	23.47	16.65	30.25			-	-
	PLACE2000455	51.05	47.04	53.6	30.31	36.57	21.71	39.12	34.02	35.42	*	**	-	-
	PLACE2000458	13.07	11.58	13.21	6.82	7.75	7.03	6.6	8.78	5.76	**	**	-	-
	PLACE2000464	9.95	10.65	11.94	7.59	6.37	5.51	7.66	8.47	7.16	**	*	-	-
	PLACE2000465	182.2	189.36	208.18	166.02	148.04	156.91	139.29	234.97	151.61	*		-	-
50	PLACE2000473	23.66	24.51	24.43	18.65	18.15	16.44	24.18	30.07	29.1	**		-	-
	PLACE2000477	14.25	12.47	18.55	9.69	12.47	6.23	10.6	9.09	9.9	*		-	-
	PLACE2000004	49.49	41.47	56.9	42.63	53.35	39.93	39.48	28.43	32.45	*		-	-
	PLACE2000009	30.13	36.74	28.18	19.79	35.05	20.31	13.54	15.44	20.29	**		-	-
	PLACE2000020	27.99	24.44	23.74	13.45	15.64	8.65	14.29	14.44	13.63	**	**	-	-
	PLACE2000029	13.95	12.7	16.35	6.3	9.27	7.3	4.68	16.59	5.52	**		-	-
55	PLACE2000038	6.52	4.32	7.69	5.63	3.97	4.12	2.68	6.95	6.18			-	-
	PLACE2000052	8.21	5.21	10.48	3.53	4.29	4.15	2.75	5.07	2.29			-	-
	PLACE2000059	7.39	8.1	10.8	4	5.08	2.55	2.83	4.28	4.31	*	*	-	-

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	PLACE3000067	49.68	45.52	57.37	38.78	41.13	26.16	39.8	46.08	41.69			
	PLACE3000069	22.6	20.15	23	9.32	14.75	10.81	1.9	9.3	14.16	**	*	-
	PLACE3000070	28.36	29.24	22.17	14.93	25.34	18.73	8.92	18.55	16.21	*	*	-
5	PLACE3000103	7.35	7.9	9.44	5.25	4.6	6.13	2.42	4.32	5.29	*	*	-
	PLACE3000119	35.89	28.1	30.76	15.16	14.79	15.09	26.05	30.71	30.91	**		-
	PLACE3000121	42.11	31.92	37.82	38.13	38.16	27.02	30.65	23.15	27.55			-
	PLACE3000124	419.8	380.05	314.65	379.74	412.05	282.09	411.56	374.59	344.25			-
	PLACE3000135	20.62	25.87	26.77	15.03	9.64	8.12	18.24	11.89	14.6	**	*	-
10	PLACE3000136	7.68	8.11	13.16	2.72	3.39	4.18	4.52	3.19	1.88	*	*	-
	PLACE3000142	24.15	28.81	26.5	11.04	24.59	15.08	9.37	6.94	11.56	**		-
	PLACE3000145	16.45	12.13	16.32	7.23	16.52	6.93	8.46	9.12	6.76	*		-
	PLACE3000147	109.42	62.46	138.9	40.47	87.42	32.89	57.71	63.5	68.14			-
	PLACE3000148	66.44	59.97	67.42	62.74	65.96	38.34	37.63	26.14	36.79	**		-
	PLACE3000154	10.3	11.14	12.88	7.95	8.64	6.56	7.31	6.3	7.57	*	**	-
15	PLACE3000155	54.28	50.77	22.77	23.49	28.34	24.7	10.12	11.93	8.34	*		-
	PLACE3000156	9.77	6.45	8.44	2.67	5.36	4.07	2.62	2.16	2.62	*	**	-
	PLACE3000157	38.44	50.52	36.49	23.64	29.36	25.04	21.36	24.91	20.01	*	*	-
	PLACE3000158	10.22	9.34	10.13	4.45	4.83	3.36	2.93	2.25	3.02	**	**	-
	PLACE3000160	19.92	29.65	15.93	8.71	11.7	10.32	5.77	7.29	4.57	*	*	-
	PLACE3000169	4.65	6.89	7.95	4.88	4.57	2.21	2.88	2.72	3.49	*		-
20	PLACE3000181	12.63	9.87	13.46	6.15	6.69	4.33	5.58	7.04	5.47	**	**	-
	PLACE3000194	1627	2636.2	1913.4	1710.4	2606.8	2399	3320.1	2826.5	2357.1			-
	PLACE3000197	7.18	4.55	8.38	2.14	1.71	1.66	2.79	2.24	2.57	*	*	-
	PLACE3000199	19.46	15.17	17.17	4.98	8.73	7.24	6.33	5.56	6.07	**	**	-
	PLACE3000205	12.53	16.93	16.84	6.91	6.83	4.67	7.28	5.87	4.15	**	**	-
	PLACE3000207	7.97	6.69	7.83	2.48	4.45	2.85	2.71	2.19	2.08	**	**	-
25	PLACE3000208	5.49	5.5	6.02	1.68	6.49	-2.8	2.64	3.52	2.46	**		-
	PLACE3000213	40.02	27.48	31.62	27.29	30.91	23.89	26.59	30.58	23.2			-
	PLACE3000215	20.76	15.1	17.45	10.19	8.64	8.25	15.48	14.18	17.02	**		-
	PLACE3000218	13.39	10.52	10.44	6.03	3.81	4.29	4.65	4.57	4.68	**	**	-
	PLACE3000220	61.41	56.02	42.84	39.7	37	28.53	36.15	41.5	44.54	*		-
	PLACE3000221	12.37	9.42	8.54	5.7	3.63	2.33	5.09	3.54	2.87	*	**	-
30	PLACE3000225	180.89	144.07	131.66	176.14	175.29	127.3	77.77	64.65	86.2	**		-
	PLACE3000226	20.28	21.59	18.74	7.11	11.09	6.3	3.48	2.23	3.79	**	**	-
	PLACE3000230	17.46	18.88	14.94	6.27	14.11	10.52	4.65	3.25	5.88	**		-
	PLACE3000231	17.8	13.66	8.65	9.08	2.29	4.95	6.33	9.35	7.91			-
	PLACE3000235	9.61	7.55	8.28	4.48	5.65	4.02	5.72	2.93	4.77	**	*	-
	PLACE3000242	58.11	27.4	48.85	17.82	13.76	17.4	11.61	10.29	11.25	*	*	-
35	PLACE3000244	18.63	13.16	20	8.5	7.54	7.64	10.16	10.96	16.61	*		-
	PLACE3000253	56.99	47.97	42.85	32.37	25.93	24.8	32.98	24.76	32.96	*	*	-
	PLACE3000254	27.82	25.4	19.01	15.47	10.42	14.64	15.57	11.42	13.74	*	*	-
	PLACE3000271	14.58	20.8	13.28	5.71	8.52	5.71	8.32	6.43	8.38	*	*	-
	PLACE3000276	13.09	13.68	8.83	2.78	7.9	3.42	3.8	5.28	3.1	*	**	-
	PLACE3000304	37.31	49.14	39.5	28.72	17.9	18.26	33.17	28.5	40.23	*		-
40	PLACE3000309	12.29	9.64	9.42	6.2	5.6	4.27	5.42	4.79	6.47	**	**	-
	PLACE3000310	51.34	49.06	45.31	11.5	35.47	14.78	19.66	9.79	16.36	*	**	-
	PLACE3000320	24.3	28.51	23.33	14.31	20.51	12.27	15.7	15.03	15.45	*	**	-
	PLACE3000322	43.24	35.12	33.62	31.55	31.68	23.75	27.52	20.55	23.56	*		-
	PLACE3000330	28.37	27.71	24.49	12.33	15.5	11.35	20.66	17.37	21.33	**	*	-
	PLACE3000331	6.68	8.07	7.67	6.55	5.13	3.84	2.57	2.99	0.04	**		-
45	PLACE3000336	393.24	473.08	270.29	359.87	515.03	306.41	470.46	662.39	717.67			-
	PLACE3000339	11.78	5.98	6.82	3.79	5.41	2.48	9.74	10.29	11.53			-
	PLACE3000341	12.2	6.88	6.99	4.2	5.65	4.02	4.35	5.75	4.94			-
	PLACE3000350	13.71	12.66	10.21	4.86	8.13	4.84	5.77	4.37	7.49	*	*	-
	PLACE3000352	17.23	29.11	20.8	9.42	15.27	8.16	11.43	7.14	13.58	*		-
50	PLACE3000353	14.74	14.96	16.82	8.78	8.26	6.98	10.37	5.48	6.79	**	**	-
	PLACE3000362	57.42	93.8	72.53	67.02	59.59	35.38	59.68	38.27	60.6			-
	PLACE3000363	9.44	8.61	10.55	4.39	5.19	4.3	7.06	4.68	6.56	**	*	-
	PLACE3000365	5.59	7.45	4.94	1.48	2.65	3.2	4.78	2.37	2.95	*		-
	PLACE3000373	38.45	30.27	25.67	4.05	7.88	3.63	14.16	11.37	15.74	**	*	-
	PLACE3000374	48.65	44.25	34.93	16.2	26.01	11.78	24.23	27.25	23.51	*	*	-
55	PLACE3000387	5.55	3.77	3.38	1.58	3.57	0.43	3.58	2.95	3.21	*		-
	PLACE3000388	26.03	22.21	15.9	9.86	12.79	6.37	21.94	26.7	24.22	*		-
	PLACE3000399	15.37	13.07	9.83	5.64	4.9	3.93	10.68	11.05	9.52	**		-

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	PLACE3000400	42.78	33.52	30.29	11.43	26.51	8.47	52.76	33.47	38.45	*	-
	PLACE3000401	137.51	137.03	95.06	91.28	111.28	51.38	81.66	72.2	62.65	*	-
5	PLACE3000402	8.43	7.72	4.24	2.44	6.58	2.29	8.31	7.96	5.44		
	PLACE3000405	7.33	4.67	7.44	2.73	3.5	5.1	3.7	5.44	3.66		
	PLACE3000406	4.67	3.39	8.42	4.46	6.89	4.16	3.34	4.69	2.59		
	PLACE3000413	12.33	14.38	16.34	10.31	15.31	7.77	6.83	11.34	9.07	*	-
	PLACE3000416	84.6	58.17	41.71	94.16	126.08	86.52	51.61	89.65	63.01		
	PLACE3000425	2.87	4.19	4.03	2.67	4.11	2.12	2.08	0.77	1.54	*	-
10	PLACE3000437	6.08	4.62	9.74	3.57	11.5	3	3.57	3.67	4.77		
	PLACE3000455	6.66	7.45	7.23	5.48	5.38	4.19	5.5	5.74	3.82	*	-
	PLACE3000475	4.99	6.71	5.08	4.69	5.48	5.91	3.2	5.35	2.87		
	PLACE3000477	12.61	9.21	10.6	8.81	9.19	10.36	8.13	7.94	5.96	*	-
	PLACE4000003	30	20.47	39.94	8.43	18.43	9.82	12.11	10.52	8.23	*	-
	PLACE4000008	8.19	8.19	9.59	5.97	7.85	6.93	4.18	5.57	3.47	**	-
15	PLACE4000009	46.86	36	37.99	37.22	51.39	35.97	11.09	18.85	7.53	**	-
	PLACE4000014	18.34	18.57	19.39	16.62	19.49	16.59	6.08	13.2	15.87		
	PLACE4000029	5.3	5.07	5.95	2.91	4.87	2.62	3.69	3.02	2.87	**	-
	PLACE4000034	10.02	8.01	6.28	5.12	7.93	4.55	5.88	5.27	5.14		
	PLACE4000049	21.86	18.28	18.64	14.38	19.7	19.05	12.54	13.96	11.06	**	-
	PLACE4000052	47.63	33.03	40.39	17.99	15.08	20.28	24.01	22.07	24.29	**	-
20	PLACE4000062	53.46	46.6	50.02	32.69	40.48	28.08	39.71	36.99	45	*	-
	PLACE4000063	56.25	68.62	67.5	55.27	69.37	73.66	45.78	60.53	44.9		
	PLACE4000089	10.35	13.86	13.41	10.66	10.48	9.25	5.68	5.4	5.66	**	-
	PLACE4000093	15.33	18.02	19.57	10.49	13.84	10.33	17.17	14.6	14.04	*	-
	PLACE4000100	8.21	7.32	11.21	7.61	6.2	7.32	5.19	5.2	4.71	*	-
25	PLACE4000103	13.85	15.73	12.84	8.67	14.38	6.43	4.02	8.73	6.65	**	-
	PLACE4000106	32	18.81	23.23	18.35	21.38	15.86	17.78	20.58	18.06		
	PLACE4000128	22.05	18.53	23.14	8.88	10.24	9.57	11.18	17.49	11.76	**	-
	PLACE4000129	266.34	156.01	188.25	120.37	95.41	112.42	146.64	98.31	136.33	*	-
	PLACE4000131	59.1	45.51	65.57	41.68	34.82	39.78	18.29	19.7	30.83	*	-
	PLACE4000147	7.89	7.51	11.76	3.51	5.07	3.96	2.77	6.32	2.52	*	-
30	PLACE4000156	15.48	18.75	19.37	9.1	12.85	10.65	15.8	15.48	10.02	*	-
	PLACE4000175	12.45	10.41	18.08	11.94	9.67	2.46	6.38	6.69	6.89	*	-
	PLACE4000190	40.84	40.93	32.85	23.06	35.22	26.66	12.42	10.73	11	**	-
	PLACE4000192	35.69	24.13	23.88	16.77	21.59	17.55	17.75	19.51	19.4		
	PLACE4000206	33.82	29.03	26.48	11.73	17.97	14.5	17.45	20.16	20.02	**	-
	PLACE4000211	12.98	13.88	13.86	7.96	9.94	9.19	6.64	31.04	6.54	**	-
35	PLACE4000214	13.12	6.23	9.29	3.45	7.5	4.16	4.96	7.25	13.71		
	PLACE4000222	35.35	30.73	34.54	24.03	24.44	20.1	20.58	28.37	25.46	**	-
	PLACE4000223	14.88	14.83	15.03	7.36	10.28	5.52	4.16	7.67	5.85	**	-
	PLACE4000229	12.38	12.15	12.52	4.51	6.31	4.98	4.32	4.28	3.98	**	-
	PLACE4000230	9.56	8.77	9.56	4.68	7.06	5.7	4.97	9.82	3.71	**	-
	PLACE4000233	22.71	24.01	29.85	11.57	13.98	13.77	8.53	11.22	9.26	**	-
40	PLACE4000239	10.07	7.4	9.42	6.8	7.34	6.09	4.49	4.54	3.54	**	-
	PLACE4000247	15	11.82	15.56	9.41	13.91	8.87	8.67	6.24	7.39	**	-
	PLACE4000250	16.14	18.27	20.25	16.54	17.86	12.73	10.47	8.04	11.21	**	-
	PLACE4000252	10.01	5.15	12.75	1.39	3.96	3.1	2.21	3.92	2.7	*	-
	PLACE4000259	25.72	27.31	16.16	12.78	19.39	8.44	8.29	19.39	9.08		
	PLACE4000261	23.52	25.16	22.9	11.05	14.2	9.22	13.61	14.62	13.29	**	-
45	PLACE4000264	176.03	156.54	119.76	135.7	191.67	147.27	105.16	95.1	89.72	*	-
	PLACE4000269	71.18	49.07	62.08	23.03	41.63	24.74	71.71	82.6	52.18	*	-
	PLACE4000270	7.6	6.37	8.9	4.69	5.92	4.81	3.06	3.68	3.44	*	-
	PLACE4000281	15.26	16.07	18.29	6.09	10.92	7.61	6.44	6.66	5.1	**	-
	PLACE4000300	8.43	9.82	8.78	6.3	8.5	7.03	3.68	2.93	2.96	**	-
	PLACE4000320	12.37	11.22	11.92	6.27	10.09	6.43	4.47	4.26	2.85	*	-
50	PLACE4000323	15.16	16.25	19.16	9.12	14.06	10.9	6.05	4.54	4.03	*	-
	PLACE4000326	11.15	8.97	10.53	4.35	4.69	4.13	4.28	3.68	4.65	**	-
	PLACE4000344	27.71	32.93	24.51	14.27	30.44	19.64	5.14	9.78	8.98	**	-
	PLACE4000347	156.82	129.54	154.28	89.79	129.04	79.82	138.06	137.09	135.75		
	PLACE4000354	15.47	9.46	11.43	7.01	8.32	6.55	3.28	5.96	4.83	*	-
	PLACE4000367	8.63	5.47	7.82	5.38	5.39	6.72	3.84	3.95	3.64	*	-
55	PLACE4000369	11.27	6.37	9.31	5.27	4.5	4.05	4.11	4.32	3	*	-
	PLACE4000379	6.35	6	4.77	3.22	2.93	2.33	3.1	3.32	2.21	**	-
	PLACE4000387	25.99	34.88	32.06	17.28	20.68	16.67	6.75	8.86	3.97	*	-

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	PLACE4000392	8.31	9.76	11.03	3.63	5.95	3.64	5.73	2.01	2.93	**	*	-	-
	PLACE4000399	53.9	51.54	53.26	20.64	28.55	18.63	37.94	35.1	44.54	**	**	-	-
5	PLACE4000401	4.22	3.76	3.44	3.96	3.49	2.6	3.5	3.9	1.61			-	-
	PLACE4000403	8.42	5.82	6.5	4.19	7.67	4.85	3.96	3.29	3.53	*	*	-	-
	PLACE4000411	20.23	15.5	15.73	8.23	11.19	9.81	14.98	10.1	11.34	*		-	-
	PLACE4000415	8.15	4.8	4.61	4.06	6.07	4.23	2.98	3.98	4.5			-	-
	PLACE4000416	35.43	25.11	24.69	17.72	17.34	16.23	24.55	17.6	25.73	*		-	-
	PLACE4000424	43.93	33.38	31.83	13.69	19.37	13.98	27.93	23.64	33	**		-	-
10	PLACE4000431	10.44	8.78	8.78	5.88	4.85	3.5	4.69	2.33	4.08	**	**	-	-
	PLACE4000443	50.64	44.47	41.43	26.49	37.08	21.33	51.22	33.11	43.74	*		-	-
	PLACE4000445	5.42	4.17	3.6	3.57	7.43	5.38	2.23	3.95	2.66			-	-
	PLACE4000450	9.85	6.68	6.23	4.72	6.64	4.07	3.56	7.58	3.73			-	-
	PLACE4000455	167.91	132.51	128.81	98.87	124.22	95.79	172.16	139.08	172.24			-	-
	PLACE4000465	31.84	25.74	18.83	10.79	23.42	11.27	11.29	10.8	17.69	*	*	-	-
15	PLACE4000466	13.01	11.54	9.57	6.56	6.92	4.59	5.76	4.65	5.6	*	**	-	-
	PLACE4000472	165.28	158.69	152.44	150.34	164.09	112.33	151.06	116.56	147.01			-	-
	PLACE4000487	10.38	6.99	9.12	4.68	4.63	2.93	3.52	2.06	3.49	*	**	-	-
	PLACE4000489	6.8	7.97	5.85	3.99	5.8	4.43	4.22	4.11	4.53	*	*	-	-
	PLACE4000494	70.51	55.91	43.58	29.17	31.84	24.64	72.67	73.79	78.08	*		-	-
20	PLACE4000502	204.58	180.8	176.1	156.92	166.08	118.92	216.32	165.78	200.53			-	-
	PLACE4000521	28.26	22.58	17.07	7.12	15.76	9	21.36	20.06	19.61	*		-	-
	PLACE4000522	18.46	20.38	16.27	10.46	14.51	9.51	16.91	13.88	17.23	*		-	-
	PLACE4000537	9.79	11.19	9.86	4.99	8.2	4.43	2.5	3.6	0.68	*	**	-	-
	PLACE4000548	12.35	10.52	9.27	3.9	4.07	4.41	4.08	3.04	3.64	**	**	-	-
	PLACE4000558	56.63	61.59	46.82	23.74	32.06	21.71	66.44	39.24	52.93	**	**	-	-
	PLACE4000581	9.34	8.43	8.7	5.21	3.71	3.17	5.23	4.69	4.75	**	**	-	-
25	PLACE4000590	4.28	4.39	2.54	2.29	1.9	1.58	2.69	1.47	1.72	*		-	-
	PLACE4000593	9.43	8.29	6.55	6.59	7.86	5.28	9.13	5.16	4.1			-	-
	PLACE4000612	50.54	44.64	46.86	32.73	32.12	18.75	8.58	0	9.68	*	**	-	-
	PLACE4000638	8.47	6.12	6.11	6.07	5.18	3.4	1.44	4.91	1.37	*		-	-
	PLACE4000650	11.71	6	6.58	1.78	5.39	2.69	5.01	3.89	2.3			-	-
	PLACE4000651	10.02	10.01	7.86	4.63	8.67	3.43	7.21	6.04	5.23	*		-	-
30	PLACE4000654	40.79	37.09	28.74	21.7	29.39	18.93	39.41	24.87	38.02			-	-
	PLACE4000670	7.33	7.03	6.77	5.23	9.34	3.97	6.41	3.63	6.87			-	-
	PLACE4000685	27.36	21.25	28.71	7.25	13.45	14.89	8.25	13.79	8.57	*	**	-	-
	PLACE4000687	5.87	2.72	5.94	3.75	3.52	3.04	2.8	3.66	2.1			-	-
	PLACE5000003	13.69	15.66	16.08	8.92	15.85	13.17	6.36	9.93	8.84	**		-	-
	PLACE5000005	17.05	13.36	13.46	14.47	17.35	13.76	5.61	8.29	7.64	**		-	-
35	PLACE5000019	9.12	11.38	11.73	6.9	5.65	5.55	3.51	3.39	6.14	**	**	-	-
	PLACE5000021	28.4	29.38	31.96	18.99	19.21	16.52	23.2	21.13	21.28	**	**	-	-
	PLACE5000022	44.41	69.47	62.06	68.78	41.05	40.85	49.9	41.64	44.86			-	-
	PLACE5000024	5.49	3.54	5.62	3.22	3.37	3.62	2.52	4.61	6.39			-	-
	PLACE5000036	104.88	78.2	100.83	80.5	90.12	87.43	80.46	55.18	59.66			-	-
40	PLACE5000059	13.88	12.58	10.61	5.28	9.26	6.17	6.41	11.67	8.16	*		-	-
	PLACE5000076	102.38	115.06	146.87	71.48	155.46	121.21	73.46	149.18	129.94			-	-
	PLACE5000117	10.83	17.74	16.15	14.79	20.06	15.63	5.73	9.53	5.57	*		-	-
	PLACE5000143	12.99	9.49	15.16	8.13	9.83	8.06	5.81	8.66	8.8			-	-
	PLACE5000152	183.88	202.8	96.28	147.85	104.4	116.95	74.92	70.73	75.92			-	-
	PLACE5000154	90.81	108.58	44.13	75.4	77.68	45.59	40.84	23.33	50.85			-	-
	PLACE5000155	33.2	24.58	26.07	16.94	31.52	23.72	16.67	17.93	27.02			-	-
45	PLACE5000165	113.75	76.52	82.55	90.32	103.03	88.36	32.72	55.94	39.36	*		-	-
	SKNMC1000004	1323.5	940.91	1083.3	665.71	1250.5	673.39	1094.9	1184.2	1060.5			-	-
	SKNMC1000011	8.28	9.06	11.81	4.48	12.47	5.45	4.79	5.44	8.03			-	-
	SKNMC1000013	14.72	15.01	20.62	10.84	11.72	12.41	4.74	6.54	6.23	**		-	-
	SKNMC1000014	20.79	23.92	26.42	20.23	26.13	18.1	14.78	15.14	11.78	**		-	-
50	SKNMC1000018	9.56	8.87	12.44	5.32	9.73	4.54	3.81	4.41	5.25	**		-	-
	SKNMC1000020	25.49	27.02	25.39	13.63	25.33	12.68	18.7	20.72	21.65	**		-	-
	SKNMC1000046	24.6	15.36	17.74	13.48	22.27	16.07	12.53	14.97	15.86			-	-
	SKNMC1000050	8.51	7.09	7.49	5.47	4.73	4.3	4.47	21.02	3.74	**		-	-
	SKNMC1000062	26.94	17.98	24.61	14.13	15.7	9.74	23.61	36.47	28.61	*		-	-
	SKNMC1000075	11.6	7.44	13.24	7.34	10.78	7.51	4.21	5.3	7.09			-	-
55	SKNMC1000082	22.01	16.02	26.11	8.38	13.04	9.62	12.8	21.17	16.8	*		-	-
	SKNMC1000091	36.26	39.39	43.7	12.98	23.22	18.68	24.3	27.26	22.42	**	**	-	-
	SKNMC1000099	11.34	8.86	15.64	6.38	7.5	4.4	5.83	7.15	6.38			-	-

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	SKHNC1000104	18.76	17.55	17.05	8.52	14.24	10.52	9.72	10.59	13.24	*	**	-	-
	SKHNC1000113	45.53	34.91	35.51	20.7	25.14	23.85	18.86	24.14	23.6	*	*	-	-
5	SKHNC1000119	17.58	14.67	21.54	10.33	12.31	8.53	8.83	13.02	8.17	*	*	-	-
	SKHNC1000142	16.52	20.57	23.49	7.26	16.72	11.75	8.01	11.68	14.09	*	*	-	-
	SKHNC1000170	242.49	183.41	211.38	201.28	226.18	182.82	247.45	216.7	250.73			-	-
	SKHNC1000178	15.01	12.68	14.32	6.9	9.12	6.49	4.97	7.82	9.01	**	**	-	-
	SKHNC1000194	7.33	8.61	11.61	2.23	3.73	3.19	2.64	4.74	3.45	*	*	-	-
	SKHNC1000198	18.76	29.87	24.52	7.87	13.1	9.06	5.41	5.23	5.02	*	**	-	-
10	SKHNC1000225	100.44	119.68	87.32	52.94	84.28	50.45	35.91	33.78	44.06	**	**	-	-
	SKHNC1000249	23.35	22.68	30.9	13.07	19.76	17.18	12.83	14.11	14.19	*	*	-	-
	SPLN1000007	10.7	10.7	16.74	6.92	9.27	7.23	6.86	7.37	5.89	*	*	-	-
	SPLN1000012	15.31	13.75	18.53	8.26	13.65	10.56	13.22	11.71	11.02			-	-
	SPLN1000014	74.22	59.99	63.53	32.33	49.13	32.58	29.87	29.67	37.64	*	**	-	-
	SPLN1000036	14.69	11.54	10.05	7.95	8.19	6.93	3.18	3.76	2.42	*	**	-	-
15	SPLN1000059	39.71	33.5	32.87	12.1	19.81	12.24	19.97	18.35	17.18	**	**	-	-
	SPLN1000068	20.63	22.57	21.07	11.6	16.29	10.46	9.19	11.89	8.79	*	**	-	-
	SPLN1000072	19.88	16.83	14.96	6.06	9.86	7.47	5.18	4.49	6.78	**	**	-	-
	SPLN1000101	71.97	43.16	57.46	18.69	27.56	26.8	32.73	40.27	19.97	*	*	-	-
	SPLN1000108	7.69	6.28	7.07	3.65	4.35	2.67	3.12	2.84	2.04	**	**	-	-
20	SPLN1000113	11.47	6.64	12.13	7.54	8.23	7.26	5.5	6.27	7.59			-	-
	SPLN1000114	16.01	14.75	14.36	7.29	9.65	6.3	8.14	8.22	8.73	**	**	-	-
	SPLN1000132	5.96	4.51	7.38	2.74	4.42	2.34	1.47	2.25	2.21	*	*	-	-
	SPLN1000135	10.57	8.18	8.39	3.86	4.71	4.73	4.9	2.38	2.97	**	**	-	-
	SPLN1000136	23.91	23.93	20.23	10.77	11.86	10.15	16.69	14.04	13.77	**	**	-	-
	SPLN1000141	42.88	39.73	42.83	27.16	32.91	23.4	23.31	18.41	20.57	**	**	-	-
	SPLN1000164	15.72	13.33	13.69	7.76	12.46	6.69	9.59	8.11	9.12	**	**	-	-
25	SPLN1000166	12.98	9.08	11.45	4.56	6.01	5.04	6.49	5.17	6.32	**	*	-	-
	SPLN1000175	19.26	16.94	15.5	7.48	9.23	6.92	11.34	13.49	13.41	**	*	-	-
	SPLN1000182	67.34	58.35	68.22	30.69	30.43	27.88	28.16	29.1	23.7	**	**	-	-
	SPLN1000185	6.38	8.35	5.56	4.69	4.56	3.06	2.86	2.31	1.51	**	**	-	-
	THYMU1000004	48.79	34.96	41.97	30.97	32.65	27.64	26.98	17.5	13.12	*	*	-	-
30	THYMU1000009	14.59	13.55	14.88	8.47	10.1	5	7.34	4.91	5.62	*	**	-	-
	THYMU1000015	19.34	18.55	12.08	8.34	11.37	5.93	10.39	10.96	13.03	*	*	-	-
	THYMU1000016	6.78	4.3	5.54	2.79	2.51	1.91	5.14	3.5	4.34	*	*	-	-
	THYMU1000023	6.35	6.23	6.53	4.39	3.65	4.2	3.1	5.69	3.98	**	**	-	-
	THYMU1000034	390.65	392.5	375.97	306.71	379.09	270.69	454.49	361.08	369.56			-	-
	THYMU1000035	8.93	7.8	9.14	5.88	4.95	4.81	5.06	3.93	4.36	**	**	-	-
35	THYMU1000037	9.69	6.41	7.36	4.28	3.96	3.33	4.24	3.59	3.83	*	*	-	-
	THYMU1000042	6.85	3.93	5.82	2.75	3.24	2.02	2.08	1.63	1.09	*	*	-	-
	THYMU1000047	25.64	25.03	24.74	13.43	16.94	11.38	26.77	21.68	23.81	**	**	-	-
	THYMU1000080	20.17	51.54	27.22	17.42	19.98	26.99	13.06	15.8	14.07			-	-
	THYMU1000094	11.12	6.99	9.51	6.45	6.49	4.35	11.14	9.41	9.31			-	-
40	THYMU1000109	228.62	201.78	195.22	195.65	173.29	154.39	235.81	205.84	221.79			-	-
	THYMU1000127	44.2	30.97	37.5	12.05	18.11	17.75	24.49	15.04	18.2	**	*	-	-
	THYMU1000130	21.64	17.3	15.84	7.65	12.45	8	10.24	3.41	8.22	*	*	-	-
	THYMU1000137	6.81	10.03	8.23	3.35	5.2	3.34	4.41	2.7	3.47	*	*	-	-
	THYMU1000146	11.97	7.39	7.48	8.11	7.24	6.17	5.13	3.03	6.19			-	-
	THYMU1000159	10.45	10.21	8.17	6.28	6.42	3.77	4.54	3.62	4.78	*	**	-	-
	THYMU1000163	8.08	8.93	9.7	5.33	5.95	3.66	7.57	4.17	4.21	**	*	-	-
45	THYMU1000167	67.79	51.53	54.02	27.07	31.06	17.27	75.27	48.55	70.31	**	**	-	-
	THYMU1000186	8.38	8.15	3.89	3.94	4.49	2.65	3.36	2.91	3.02			-	-
	THYRO1000017	24	17.58	11.71	8.21	11.63	5.25	6.04	5.8	4.42	*	*	-	-
	THYRO1000026	10.24	8.59	6.72	5.28	7.77	4.55	4.15	3.45	6.46	*	*	-	-
	THYRO1000034	39.83	32.92	35.9	29.82	39.02	28.83	26.88	25.91	22.08	*	*	-	-
	THYRO1000035	34.67	27.15	24.29	22.39	30.44	22.35	22.09	19.28	23.65			-	-
50	THYRO1000036	16.2	14.28	11.79	9.92	10.8	4.36	7.94	4.75	8.23	*	*	-	-
	THYRO1000040	9.47	7.71	9.48	4.32	5.83	3	5.07	3.54	5.01	*	**	-	-
	THYRO1000061	18.28	19.76	15.63	8.28	5.85	4.81	6.42	5.28	9.19	**	**	-	-
	THYRO1000087	16.85	13.02	12.06	8.02	8.96	4.34	7.22	6.1	5.44	*	**	-	-
	THYRO1000070	9.96	13.03	10.58	5.63	9.48	4.69	20.02	18.33	15.63	*	*	-	-
	THYRO1000072	21.57	19.92	18.73	19.89	17.94	12.39	9.77	9.74	9.5	**	**	-	-
55	THYRO1000084	9.91	5.58	5.31	3.9	6.43	2.97	10.41	8.45	10.27			-	-
	THYRO1000085	29.04	36.56	22.76	13.84	17.05	13.37	10.59	14.52	10.12	*	*	-	-
	THYRO1000086	13.56	10.42	8.08	7.5	9.36	4.87	6.64	6.5	4.47			-	-

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	THYRO1000087	51.14	69.3	41.47	29.99	58.4	26.89	61.05	53.08	61.77				
	THYRO1000092	25.07	28.19	30.84	13.75	13.51	9.94	17.56	21.51	22.34	**	*	-	-
	THYRO1000093	4.26	2.01	4.16	1.77	3.46	3.25	2.69	3.3	2.41				
5	THYRO1000099	9.62	5.87	9.26	3.68	8.63	4.69	5.9	7.16	4.32				
	THYRO1000107	70.48	59.74	59.68	39.34	64.57	40.78	35.76	61.82	50.34				
	THYRO1000111	13.96	11.92	12.38	7.04	9.78	5.89	9.55	11.53	9.66	*	*	-	-
	THYRO1000121	31.45	32.43	38.13	15.06	18.17	17.71	26.05	28.32	34.79	**		-	-
	THYRO1000124	54.83	35.35	48.22	37.6	35.37	31.52	34.87	27.99	31.75				
10	THYRO1000129	8.59	9.01	8.49	5.14	9.82	6.06	8.93	8.73	10.55	*		-	-
	THYRO1000130	12.23	8.25	10.08	6.62	6.95	6.32	6.99	9.76	9.68	*		-	-
	THYRO1000132	7.93	8.79	12	5.35	7.15	7.04	4.12	4.66	3.86	*		-	-
	THYRO1000134	17.2	6.06	9.3	6.24	6.27	12.5	5.33	7.31	5.41			-	-
	THYRO1000144	23.66	30.56	32.27	27.55	32.97	28.83	18.04	19.4	19.02	*		-	-
	THYRO1000155	35.26	37.35	35.3	18.99	24.31	20.42	31.31	40.6	29.86	**		-	-
15	THYRO1000156	37.13	43.79	38.99	24.77	34.58	23.66	18.78	36.39	21.81	*		-	-
	THYRO1000163	56.18	53.4	58.15	23.96	28.08	23.46	11.7	14.01	16.02	**	**	-	-
	THYRO1000173	8.52	8.35	6.58	5.25	10.18	4.15	3.25	4.22	4.73	**	**	-	-
	THYRO1000186	35.39	31.09	36.48	14.41	13.8	14.41	7.62	12.05	15.91	**	**	-	-
	THYRO1000187	17.39	15.95	24.02	6.63	8.73	8.87	5.49	7.02	6.9	*	**	-	-
	THYRO1000190	7.06	7.97	10.31	6.43	5.1	6.9	4.78	5.24	5.17	*		-	-
20	THYRO1000196	8.72	14.15	13.33	14.25	10.93	7.74	3.75	6.65	9.84			-	-
	THYRO1000197	13.75	17.13	15.02	14.96	17.34	16.5	8.34	11.47	6.36	*		-	-
	THYRO1000199	6.8	9.71	11.38	6.6	11.32	10.32	5.5	6.51	7.17			-	-
	THYRO1000206	20.09	21.74	25.04	13.14	17.5	12.03	7.45	6.8	7.63	*	**	-	-
	THYRO1000221	6.96	7.15	5.44	4.48	8.31	3.94	3.81	4.45	3.66	*		-	-
	THYRO1000222	56.33	56.17	63.27	37.58	40.7	31.29	35.13	33.5	43.65	**	**	-	-
25	THYRO1000228	148.64	127.09	184.25	73.36	64.55	57.59	55.06	55.21	55.09	**	**	-	-
	THYRO1000241	7.79	5.72	9.15	4.42	5	4.49	2.68	4.65	4.26	*	*	-	-
	THYRO1000242	18.16	23.99	29.76	25.09	51.85	27.45	12.5	20.02	16.61			-	-
	THYRO1000246	21.57	18.12	24.56	19.46	20.13	15.33	9.29	10.17	9.72	**		-	-
	THYRO1000253	10.77	13.3	16.4	9.6	16.01	8.45	6.71	8.04	5.73	*		-	-
30	THYRO1000270	12.58	12.99	17.24	8.11	13.02	8.87	9.06	8.16	7.99	*		-	-
	THYRO1000279	15.04	13.53	16	8.28	14.2	7.73	7.71	7.11	4.92	**		-	-
	THYRO1000285	1215.2	1221.3	1148.5	961.64	1121.8	816.57	1261.8	1135.7	1518.7			-	-
	THYRO1000288	24.11	22.65	22.01	13.89	25.53	14.41	22.83	21.93	20.34			-	-
	THYRO1000296	40.86	35.2	38.51	33.51	37.84	29.24	32.78	49.02	40.29			-	-
35	THYRO1000320	12.29	9.4	14.15	6.59	7.17	6.08	5.28	11.64	9.29	*		-	-
	THYRO1000322	37.49	34.76	35.08	17.69	26.05	19.02	19.43	23.34	20.74	**	**	-	-
	THYRO1000327	29.25	26.35	19.48	16.99	27.29	15.75	10.07	12.24	13.52	*	*	-	-
	THYRO1000343	16.65	12.58	17.82	8.18	11.42	7.21	10.1	9.05	8.44	*	*	-	-
	THYRO1000345	6.25	7.77	6.06	4.74	8.59	3.02	4.68	4.72	4.12	*	*	-	-
	THYRO1000358	13.06	10.33	11.35	6.24	8.76	7.32	8.15	6.51	9.21	*	*	-	-
	THYRO1000368	5.38	5.26	6.25	3.15	3.94	2.68	6.19	3.06	2.43	**		-	-
40	THYRO1000375	14.1	11.6	18.84	8.56	5.99	5.1	3.89	3.2	3.55	*	**	-	-
	THYRO1000381	10.31	8.3	9.78	4.37	5.3	5.96	4.17	5.35	3.59	**	**	-	-
	THYRO1000387	11.39	10.61	13.54	4.54	5.97	3.46	10.59	5.84	3.07	**		-	-
	THYRO1000394	61.78	50.97	22.02	14.67	26.91	8.08	6.98	9.73	11.33	*	*	-	-
	THYRO1000395	29.06	37.87	27.54	18.13	24.45	14.15	25.79	23.19	25.7	*		-	-
	THYRO1000400	10.51	10.51	9.89	3.23	12.01	5.83	3.72	3.73	3.08	**	**	-	-
45	THYRO1000401	10.42	9.53	10.77	6.74	5.06	4.73	3.24	5.18	5.6	**	**	-	-
	THYRO1000407	111.95	92.99	98.17	63.29	75.05	58.17	51.33	55.33	55.02	**	**	-	-
	THYRO1000420	15.01	13.25	17.92	11.1	11.62	8.56	12.79	12.37	14.41	*		-	-
	THYRO1000438	8.38	5.22	8.85	5.12	4.11	4.31	4.22	4.7	3.13	*	*	-	-
	THYRO1000452	15.04	12.59	12.97	5.92	10.6	6.13	2.16	3.93	4.57	*	**	-	-
	THYRO1000455	7.17	8.57	9.52	2.62	3.31	3.44	2.83	2.18	2.11	**	**	-	-
50	THYRO1000471	78.16	81.99	62.03	65.6	82.48	70.86	81.77	51.28	74.06			-	-
	THYRO1000481	8.9	7.89	8.46	4.91	7.54	4.12	2.78	3.16	5.02	**		-	-
	THYRO1000484	19.83	12.76	16.87	10.37	11.59	9.38	11.21	9.7	11.91	*		-	-
	THYRO1000488	28.64	20.75	23.35	20.89	21.13	19.59	15.6	20.62	19.42			-	-
	THYRO1000501	11.59	12.72	13.28	7.74	9.03	6.79	8.05	7.95	10.26	**	*	-	-
	THYRO1000502	55.86	52.65	49.31	44.07	46.78	38.57	44.58	40.93	38.11	*	*	-	-
55	THYRO1000505	9.64	7.65	7.27	5.56	5.82	3.06	3.98	5.47	2.02	*	*	-	-
	THYRO1000535	37.32	41.34	38.41	38.72	38.24	31.02	23.49	20.01	18.32	**		-	-
	THYRO1000556	102.92	92.57	85.3	76.31	104.96	62.73	51.56	50.77	49.93	**		-	-

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	THYRO1000558	8.54	7.17	6.38	4.15	8.61	3.01	4.26	2.04	3.45	*	-
	THYRO1000569	6.63	4.92	4.79	4.77	4	3.41	3.56	3.02	3.94	*	-
5	THYRO1000570	9.09	6.95	8.33	5.27	6.38	6.54	5.25	4.89	7.09		
	THYRO1000572	52.16	31.52	39.78	12.92	33.15	30.73	30.68	23.84	11.23		
	THYRO1000573	8.96	8.49	6.82	4.33	8.49	6.35	13.45	11.85	8.38		
	THYRO1000577	9.73	7.83	7.69	3.93	6.26	2.6	2.58	3.82	2.74	* **	- -
	THYRO1000580	40.55	32.54	29.95	22.22	19.86	19.81	24.19	17.34	25.52	* *	- -
	THYRO1000584	39.96	36.8	31.93	19.25	25.5	16.24	26.15	21.02	19.13	* *	- -
10	THYRO1000585	8.99	7.37	6.65	4.19	6.67	4.86	5.4	3.58	2.99	*	-
	THYRO1000596	43.85	33.14	32.61	22.94	31.65	11.59	15.52	10.88	14.47	**	-
	THYRO1000602	19.04	15.25	10.78	7.23	11.51	11.78	8.87	7.72	10.81		
	THYRO1000605	10.06	9.44	5.91	6.29	6.99	4.61	4.9	5.21	5.08		
	THYRO1000615	134.15	117.37	85.97	86.81	98.31	67.18	77.31	67	84.37		
	THYRO1000625	33.27	24.69	16.68	12.6	10.75	20.13	8.38	6.86	11.76	*	-
15	THYRO1000636	17.91	16.49	14.48	12.48	11.49	6.7	8.72	6.17	8.59	* **	- -
	THYRO1000637	18.22	22.2	13.43	10.39	14.05	9.78	9.07	5.2	7.26	*	-
	THYRO1000641	7.23	5.87	6.32	4.82	10.08	3.87	8.42	4.55	2.07		
	THYRO1000657	10.91	9.86	8.65	6.93	7.74	7.68	9.53	8.35	10.94	*	-
	THYRO1000658	14.37	9.48	5.1	6.28	6.83	5.43	4.59	4.62	4.77		
	THYRO1000662	10.63	9.43	8.46	6.7	6.85	6.96	7.92	7.09	10.89	*	-
20	THYRO1000666	30.51	33.5	45.43	12.9	20.33	13.81	14.6	13.53	16.48	* **	- -
	THYRO1000676	11.56	11.35	8.48	6.32	9.3	8.37	4.16	5.02	6.44	*	-
	THYRO1000678	23.44	18.73	20.73	10.13	15.99	8.49	9	7.38	9.87	* **	- -
	THYRO1000684	27.78	27.85	20.27	12.26	16.45	11.06	26.97	17.92	24.98	*	-
	THYRO1000694	16.87	11.78	10.72	5.47	10.25	5.99	12.29	9.36	8.6		
	THYRO1000699	9.11	6.36	4.55	5.62	6.31	3.48	7.37	3.08	5.06		
25	THYRO1000712	17.55	14.87	12.31	9.08	11.99	7.67	12.79	9.26	13		
	THYRO1000715	29.82	23.25	21.02	20.98	27.37	20.44	15.76	18.98	18.68		
	THYRO1000716	13.12	15.14	11.94	8.87	12	7.65	7.48	6.69	6.98	**	-
	THYRO1000717	11.89	15.21	12.45	6.9	9.22	5.08	30.93	6.96	7.18	*	-
	THYRO1000723	30.36	26.4	21.78	10.82	20.63	14.48	30.94	22.3	30.25	*	-
30	THYRO1000734	16.61	19.91	16.12	11.94	17.61	9.39	9.31	6.61	13.3	*	-
	THYRO1000748	17.46	14.06	15.87	5	7.52	5.42	7.82	5.84	7.09	** *	- -
	THYRO1000755	20.17	21.24	19.88	13.28	17.61	14.04	14.7	23.04	21.01	*	-
	THYRO1000756	369.81	334.57	369.63	298.51	345.41	273.28	259.37	366.07	273.4		
	THYRO1000776	4.97	4.99	7.55	4.25	6.18	4.82	2.58	5.02	3.55		
	THYRO1000777	5.42	5.63	6.34	5.34	6.01	4.03	3.82	3.75	3.21	**	-
35	THYRO1000779	483.37	458.9	483.51	453.87	549.42	448.1	368.6	510.93	458.47		
	THYRO1000782	17.27	20.25	23.35	14.58	17.12	13.37	15.61	16.4	16.35		
	THYRO1000783	5.74	5.45	6.68	5.43	9.62	4.88	3.62	5.19	3.8	*	-
	THYRO1000786	25.62	30.48	26.26	16.78	13.18	14.48	32.89	30.78	26.94	**	-
	THYRO1000787	50.52	37.21	54.05	28.71	18.08	26.25	20.11	24.5	22.66	* **	- -
	THYRO1000792	14.11	12.1	15.65	4.55	6.72	7.1	8.13	7.14	8.33	** **	- -
40	THYRO1000793	36.92	35.83	42.61	19.08	27.16	19.55	34.91	38.74	32.64	**	-
	THYRO1000795	37.33	45.29	88.32	42.19	57.36	40.15	12.57	21.17	13.38		
	THYRO1000796	10.25	11.83	14.01	6.19	10.21	5.98	7	11.89	11.1		
	THYRO1000798	9.87	14.22	12.83	9.06	8.1	7.49	5.04	7.33	5.2	* *	- -
	THYRO1000800	37.89	54.75	19.73	33.2	22.36	23.21	13.79	16.89	13.75		
	THYRO1000805	8.27	6.21	6.02	5.33	8.39	4.44	3.81	4.14	3.82	*	-
45	THYRO1000815	109.41	92.13	90.62	43.51	38.14	25.61	31.76	21.16	31.98	** **	- -
	THYRO1000829	33.86	25.13	34.71	19.68	21.68	18.45	16.87	14.34	12.65	* **	- -
	THYRO1000835	9.51	9.82	10.3	6.71	6.28	4.65	5.41	5.24	6.07	** **	- -
	THYRO1000843	27.06	16.5	24.96	16.28	19.34	15.73	6.22	7.81	8.06	**	-
	THYRO1000846	7.86	5.91	13.48	4.53	6.28	7.74	3.89	7.02	5.26		
	THYRO1000852	24.69	25.37	23.66	12.87	20.2	12.5	9.33	10.39	11.62	* **	- -
50	THYRO1000855	7.12	7.47	10.43	2.52	5.79	2.98	4.3	6.1	5.2	*	-
	THYRO1000865	9.21	5.67	8.64	3.4	6.56	3.18	5.99	8.76	7.67		
	THYRO1000866	57.27	46.1	51.69	32.85	43.74	27.97	46.24	39.05	41.55	*	-
	THYRO1000881	13.67	12.21	13.18	9.6	10.62	12.24	10.21	16.82	10.91		
	THYRO1000894	9.33	7.11	11.4	5.66	6.12	4.31	4.14	4.68	4.75	* *	- -
	THYRO1000895	8.9	5.89	10.11	3.35	4.07	4.72	4.32	4.09	3.45	* *	- -
55	THYRO1000916	9.19	7.72	16.87	5.02	6.67	5.27	4.16	6.12	3.42		
	THYRO1000917	6.89	10.63	12.32	4.97	9.51	5.39	6.77	7.94	6.2		
	THYRO1000926	14.99	10.81	12.37	6.79	9.95	6.06	7.42	7.03	11.27	*	-

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	THYRO1000934	9.21	6.94	9.67	4.17	7.52	4.26	6.41	5.73	4.86	*	*	-	-
	THYRO1000951	21.19	13.82	17.24	10.15	10.71	6.54	7.11	11.34	11.56	*	*	-	-
5	THYRO1000952	38.82	45.17	51.97	24.89	24.37	18.77	17.55	26.97	13.34	**	**	-	-
	THYRO1000956	11.42	8.41	13.85	5.27	6.34	6.15	5.07	6.61	6.85	*	*	-	-
	THYRO1000960	9.97	3.83	8.63	2.78	4.13	2.34	2.46	2.03	6.43	*	*	-	-
	THYRO1000961	33.04	35.26	36.48	15.01	15.48	15.21	21.6	24.41	21.14	**	**	-	-
	THYRO1000964	14.43	12.46	17.93	3.92	6.7	5.62	5.43	7.53	4.58	**	**	-	-
	THYRO1000971	15.18	16.5	16.14	8.34	13.54	9	9.38	8.59	10.52	*	**	-	-
10	THYRO1000974	7.51	5.29	9.43	2.24	6.94	1.8	3.55	5.59	3.45			-	-
	THYRO1000975	7.71	4.75	6.93	3.36	5.71	4.79	3.77	4.87	3			-	-
	THYRO1000983	8.4	4.14	7.44	3.86	5.03	3.36	3.1	3.21	4.03			-	-
	THYRO1000984	9.35	8.4	11.52	6.49	7.32	5.22	5.08	2.55	2.65	*	**	-	-
	THYRO1000988	10.2	6.57	7.62	4.27	4.23	4.6	2.94	2.66	2.92	*	**	-	-
	THYRO1000991	12.33	10.95	12.47	5.27	7.49	7.34	5.57	6.15	6.01	**	**	-	-
15	THYRO1000999	9.77	12.84	10.64	5.68	8.33	5.92	5.68	3.11	2.9	*	**	-	-
	THYRO1001003	324.55	443.5	324.63	353.93	491.59	377.12	509.02	394.65	380.17			-	-
	THYRO1001015	16.58	13.37	11.66	7.36	13.81	8.4	12.04	9.04	10.47			-	-
	THYRO1001016	34.7	29.76	32.31	14.48	17.7	10.51	27.97	31.88	30.58	**		-	-
	THYRO1001022	27.6	17.2	20.61	6.98	9.39	10.85	5.35	6.58	6.8	*	**	-	-
20	THYRO1001031	15.75	9.57	11.29	5.12	7.05	5.99	8.13	6.39	9.34	*		-	-
	THYRO1001033	11.34	7.57	8.58	7.55	5.52	6.01	4.3	4.01	4.9	*		-	-
	THYRO1001062	12.86	12.45	12.49	4.68	5.59	4.88	3.54	3.68	2.79	**	**	-	-
	THYRO1001063	10.18	8.38	10.08	5.14	7.17	4.58	3.55	4.32	2.35	*	**	-	-
	THYRO1001071	18.49	15.5	18.23	9.12	10.91	7.86	5.73	5.41	5.84	**	**	-	-
	THYRO1001080	11.77	12.06	11.47	3.65	12.27	3.17	3.08	4.59	4.41	**		-	-
25	THYRO1001093	12.17	9.63	9.75	5.98	4.91	5	8.58	8.31	7.24	**		-	-
	THYRO1001100	33.06	27.59	26.02	30.29	27.98	30.28	66.02	40.22	70.38	*		-	-
	THYRO1001102	10.18	6.7	5.95	5.04	6.9	4.52	4.36	4.71	4.45	*	*	-	-
	THYRO1001104	5.1	2.75	2.78	0.69	0.92	1.62	1.32	0.94	0.7	*	*	-	-
	THYRO1001109	19.62	18.07	14.26	10.98	10.98	9.76	8.55	11.06	8.68	*	*	-	-
	THYRO1001113	10.89	6.97	7.59	2.84	3.69	2.77	2.56	1.4	2.3	*	**	-	-
30	THYRO1001120	9.27	9	8.82	3.46	4.66	2.98	4.02	3.07	2	**	**	-	-
	THYRO1001121	20.41	16.36	16.91	9.1	13.05	6.93	13.22	15.3	13.97	*		-	-
	THYRO1001128	25.09	18.24	17.74	8.53	9.61	6.74	3.45	4.7	7.82	**	**	-	-
	THYRO1001133	7.42	6.4	5.88	4	5.05	4.23	3.88	4.14	3.81	*	**	-	-
	THYRO1001134	29.23	23.66	23.28	16.51	20.53	18.49	22.14	16.92	20.47	*		-	-
	THYRO1001142	5.04	4.99	5.1	2.78	3.05	3.47	2.44	2.26	1.6	**	**	-	-
35	THYRO1001173	31.85	26.04	28.94	20.36	18.72	13.59	18.5	15.33	18.17	*	**	-	-
	THYRO1001175	95.55	98.04	80.56	104.29	114.18	77.1	51.33	46.56	49.17	**		-	-
	THYRO1001177	10.9	11.18	11.71	5.13	7.17	5.9	4.63	5.82	5.02	**	**	-	-
	THYRO1001189	16.52	14.55	11.53	5.76	11.24	3.42	11.07	10.9	8.86			-	-
	THYRO1001194	11.83	6.2	11.19	5.29	7.22	4.28	5.84	7.01	6.86			-	-
	THYRO1001204	52.04	33.32	32.8	18.53	22.19	18.27	39.75	37.94	46.59	*		-	-
40	THYRO1001205	8.98	12.23	9.39	5.39	8.08	5.04	6.55	6.04	4.85	*	*	-	-
	THYRO1001213	41.54	37.73	35.86	23.36	25.7	20.79	37.67	32.41	38.62	**		-	-
	THYRO1001224	10.86	11.43	10.75	5.38	8.69	6.7	7.21	4.53	6.36	*	**	-	-
	THYRO1001237	16.76	20.25	15.97	16.59	13.69	5.38	9.78	5.69	6.27	**		-	-
	THYRO1001242	13.1	19.03	16.06	12.27	8.61	6.73	9.21	5.95	9.02	*	*	-	-
	THYRO1001258	27.32	21.68	20.65	9.74	18.76	12.77	10.51	6.86	13.04	*	**	-	-
45	THYRO1001262	8.57	4.74	4.06	3.76	5.55	4.02	4.79	3.93	5.05			-	-
	THYRO1001266	25.45	17.38	17.48	9.96	11.28	8.76	13.97	15.24	19.55	*		-	-
	THYRO1001271	27.85	25.6	17.14	13.77	18.43	9.74	22.54	18.92	23.05			-	-
	THYRO1001287	126.74	172.63	126.71	56.76	169.06	71.99	103.16	93.81	120.13			-	-
	THYRO1001290	11.3	8.82	9.68	4.97	7.48	6.55	3.86	5.84	8.41	*		-	-
50	THYRO1001291	13.9	16.44	13.22	8.85	8.33	3.9	6.83	3.64	6.66	*	**	-	-
	THYRO1001297	13.17	12.27	11.41	6.73	6.89	4.23	7.87	5.3	8.04	**	**	-	-
	THYRO1001302	28.98	24.47	17.01	9.99	19.11	8.25	41.39	28.42	36.98			-	-
	THYRO1001313	3.4	2.28	2.86	1.62	1.97	1.71	3.09	2.85	2.3	*		-	-
	THYRO1001320	4.85	2.3	4.45	3.81	2.95	2.21	2.67	2.22	1.94			-	-
	THYRO1001321	84.54	108.43	89.51	45.59	48.9	36.67	60.61	56.13	42.33	**	*	-	-
	THYRO1001322	15.07	13.59	11.8	5.6	6.9	4.45	5.91	6.73	6.71	**	**	-	-
55	THYRO1001327	61.14	62.79	47.56	27.21	36.08	29.25	40.32	44.89	30.36	**	*	-	-
	THYRO1001336	21.04	18.95	13.64	17.33	15.44	11.88	17.21	14.24	12.35			-	-
	THYRO1001347	42.47	35.49	29.56	20.44	37.43	12.7	20.26	15.34	15.93	**		-	-

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	THYRO1001358	6.96	7.77	6.52	4.41	8.39	3.78	5.37	5.5	4.22	*	*	-
	THYRO1001363	36.77	35.26	36.97	12.86	20.63	14.65	24.19	31.52	25.12	**	*	-
5	THYRO1001365	2.39	1.31	4.42	2.3	2.69	1.43	1.82	2.18	1.5	*	*	-
	THYRO1001374	10.11	11.14	11.66	5.19	7.75	3.64	2.84	5.3	4.44	*	**	-
	THYRO1001401	11.45	8.59	8.77	5.02	5.3	5.96	5.5	8.56	6.31	*	*	-
	THYRO1001403	3.12	3.62	7.98	1.61	2.43	2.61	3.73	1.98	3.91	*	*	-
	THYRO1001405	84.82	60.76	92.35	68.75	78.6	50.19	53.53	29.6	47.94	*	*	-
	THYRO1001406	13.59	7.57	12.02	4.76	6.87	3.76	11.69	13.59	9.54	*	*	-
10	THYRO1001411	4.72	4.15	5.65	3.88	2.4	3.38	2.52	2.5	3.6	*	*	-
	THYRO1001420	9.34	4.82	8.71	4.7	4.71	5.55	3.24	4.39	8.81	*	*	-
	THYRO1001426	9.26	4.52	12.27	5.65	6.22	4.37	4.27	8.59	6.13	*	*	-
	THYRO1001430	10.74	13.91	18.18	13.89	18.28	13.49	6.82	9.48	10.77	*	*	-
	THYRO1001434	7.66	6.66	12.91	8.64	10.68	8.13	5.38	8.91	2.99	*	*	-
	THYRO1001456	26.49	36.99	36.96	17.02	23.99	16.92	30.71	34.81	38.85	*	*	-
15	THYRO1001457	14.33	10.91	13.26	5.72	4.54	3.33	4.05	3.22	4.83	**	**	-
	THYRO1001458	15.32	13.83	12.78	10.99	10.13	5.72	4.4	7.29	6.97	*	**	-
	THYRO1001459	5.78	4.92	7.36	2.81	3.46	4.24	3.11	4.43	5.51	*	*	-
	THYRO1001471	13.48	10.81	13.3	5.13	9.62	6.19	6.36	8.85	9.45	*	*	-
	THYRO1001478	8.04	3.79	8.01	2.94	3.62	2.21	4.12	4.22	3.59	*	*	-
	THYRO1001480	16.07	16.86	14.48	6.78	13.68	13.34	3.54	6.61	19.35	*	*	-
20	THYRO1001481	16.23	13.97	17.19	13.3	15.2	13.73	4.94	6.01	3.76	**	*	-
	THYRO1001487	39.34	43.94	45.87	41.49	42.62	34.09	36.78	39.23	41.44	*	*	-
	THYRO1001485	6.21	3.33	12.71	2.18	5.51	4.67	3.43	3.46	4.85	*	*	-
	THYRO1001498	13.82	15.45	16.61	11.32	20.15	8.37	4.81	6.08	4.31	**	*	-
	THYRO1001510	8.97	6.87	19.31	8.41	6.21	3.55	4.99	6.45	19.57	*	*	-
	THYRO1001512	11.51	8.21	10.34	5.87	6.36	6.84	4.43	19.67	5.22	*	*	-
25	THYRO1001519	12.05	16.47	10.9	4.73	8.69	4.14	4.42	4.28	5.04	*	**	-
	THYRO1001522	10.39	6.84	12.83	6.15	7.71	8	5.13	5.33	7.56	*	*	-
	THYRO1001523	15.14	10.51	16.01	7.01	9.2	6.38	3.77	3.19	4.5	*	**	-
	THYRO1001526	5.67	5.48	12.84	2.85	5.19	3.09	4.51	3.63	4.01	*	*	-
	THYRO1001529	70.52	99.68	61.07	73.62	81.82	35.88	29.07	23.9	34.69	*	*	-
	THYRO1001534	10.48	7.92	11.72	6.09	7.42	11.24	6.53	6.35	3.17	*	*	-
30	THYRO1001537	5.9	3.05	5.93	3.4	3.75	2.75	3.26	2.87	4.91	*	*	-
	THYRO1001541	27.84	38.72	38.42	23.51	30.22	18.99	22.01	26.98	14.85	*	*	-
	THYRO1001545	12.87	9.76	11.61	3.56	6.9	5.41	4.16	22.14	4.44	**	*	-
	THYRO1001559	143.67	217.09	127.43	126.92	211.99	217.97	165.83	143.91	101.7	**	**	-
	THYRO1001563	29.66	25.88	28.83	14.46	17.77	19.17	10.82	18.32	17.35	**	**	-
35	THYRO1001570	5.85	5.24	10.72	3.21	3.79	2.31	2.47	4.03	3.05	*	*	-
	THYRO1001573	10.58	14.52	15.67	7.66	10.98	10.26	4.93	9.17	5.76	*	*	-
	THYRO1001584	11.71	9.79	13.05	7.75	12.43	7.3	8.19	4.82	4.88	*	*	-
	THYRO1001593	119.63	87.93	122.57	37.27	54.3	33.56	100.89	84.41	119.61	**	*	-
	THYRO1001595	9.11	9.13	10.8	7.84	8.88	6.77	4.62	12.97	7.82	*	*	-
	THYRO1001596	6.25	3.54	8.97	3.03	4.5	2.76	3.54	3.67	4.02	*	*	-
40	THYRO1001602	7.1	6.21	7.8	6.63	4.96	5.02	4.21	4.12	2.97	**	*	-
	THYRO1001605	28.22	39.54	25.87	13.48	23.89	22.57	11.83	10.02	13.09	*	*	-
	THYRO1001608	19.26	17.94	17.77	8.3	22	8.49	8.07	8.36	11.18	**	*	-
	THYRO1001617	7.36	9.07	12.26	4.4	5.61	3.53	3.83	3.37	4.51	*	*	-
	THYRO1001634	9.8	9.15	14.08	5.65	9.76	4.62	5.62	3.69	4.86	*	*	-
	THYRO1001637	6.56	2.42	6.39	2.18	3.8	2.31	2.41	3.7	6.48	*	*	-
45	THYRO1001641	12.87	8.05	12.44	6.03	4.87	6.49	3.32	2.86	2.92	*	**	-
	THYRO1001656	20.03	12.66	30.89	7	10.07	5.22	6.32	7.53	5.64	*	*	-
	THYRO1001658	7.58	6.85	10.14	4.65	4.77	3.84	3.38	2.8	2.5	*	**	-
	THYRO1001681	150.1	98.3	106.51	135.25	166.2	125.8	74	80.32	53.76	*	*	-
	THYRO1001671	10.97	8.43	12.21	5	5.04	3.97	5.12	5.12	3.84	**	**	-
	THYRO1001672	12.9	11.31	11.75	5.85	6.91	5.08	3.69	2.74	2.72	**	**	-
50	THYRO1001673	31.04	28.57	26.79	16.85	19.7	19.9	22.8	23.43	23.51	**	*	-
	THYRO1001677	8.63	6.86	9.97	3.55	4.9	4.2	5.4	6.55	6.85	*	*	-
	THYRO1001683	39.34	16.85	25.87	16.11	18.7	19.17	8.36	10.76	9.09	*	*	-
	THYRO1001700	12.31	7.03	9.15	3.61	4.23	3.04	2.79	3.63	4.8	*	*	-
	THYRO1001702	23.7	21.62	17.4	10.57	5.8	11.44	6.01	4.83	2.94	*	**	-
	THYRO1001703	7.22	4.23	5.14	2.63	3.23	1.81	2.37	2.42	2.04	*	*	-
55	THYRO1001706	8.39	5.62	8.09	3.72	3.11	3.37	3.24	2.65	1.26	*	**	-
	THYRO1001721	11.69	10.42	16.73	6.09	4.86	4.46	3.92	2.33	3.87	*	**	-
	THYRO1001725	147.69	144.4	144.74	111.99	128.3	86.63	130.43	106.61	93.76	*	*	-

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	THYRO1001730	7.74	3.57	7.41	4.48	4.19	3.07	3.64	4.09	4.72			
	THYRO1001738	1.57	3.03	2.24	0.97	0.17	0.58	0.7	0.99	1.64	*	-	
5	THYRO1001743	5.12	3.48	3.39	1.67	2.12	2.94	1.98	2.6	2.48			
	THYRO1001745	30.25	14.84	20.6	6.81	4.65	9.25	12.7	8.09	11.05	*	-	
	THYRO1001746	10.78	5.89	7.69	2.83	3.1	3.64	3.64	1.32	2.13	*	*	-
	THYRO1001770	20.01	12.02	16.57	10.05	13	10.49	5.37	6.07	5.43	*	-	
	THYRO1001772	29.2	56.08	29.11	28.47	34.34	15.95	9.21	8.24	9.37	*	-	
	THYRO1001778	39.03	35.61	22.42	13.39	32.45	16.04	9.42	8.03	11.2	*	-	
10	THYRO1001793	9.35	3.26	5.98	4.02	4.49	3.37	4.45	4.26	5.77			
	THYRO1001796	66.96	62.34	52.36	31.61	31.58	30.06	74.83	63.67	78.59	**	-	
	THYRO1001800	25.21	17.42	21.74	19.92	16.43	13.71	8.41	10.02	11.59	**	-	
	THYRO1001803	12.96	11.11	10.61	7.04	8.3	3.44	5.71	5.48	6.64	*	**	-
	THYRO1001809	10.44	7.96	6.8	4.59	3.72	3.71	3.62	1.76	1.34	*	**	-
	THYRO1001817	18.78	13.28	15.51	15.03	13.53	6.93	8.79	4.88	8.37	*	*	-
15	THYRO1001819	14.15	14.31	9.69	5.8	6.63	6.06	6.27	4.29	5.81	*	*	-
	THYRO1001828	8.14	8.22	6.65	5.42	7.94	4.29	7.29	4.26	2.47			
	THYRO1001854	50.53	32.88	37.71	33.17	34.18	22.81	22.16	27.13	21.15	*	-	
	THYRO1001895	9.86	7.83	3.92	4.41	4.53	2.55	3.7	10.54	3.46			
	THYRO1001907	27.03	13.41	12.49	9.48	10.54	7.02	4.92	4.41	6.47			
20	TRACH1000006	9.54	7.16	8.08	5.68	4.66	5.53	6.46	4.52	6.76	*	-	
	TRACH1000013	9.02	5.8	8.2	2.58	4.45	3.1	3.07	2.02	4.14	*	*	-
	TRACH1000074	13.69	9.32	8.63	4.66	5.76	4.06	6.37	3.07	3.63	*	*	-
	TRACH1000095	11.28	8.48	10.55	5.54	3.9	3.41	3.79	4.56	3.68	**	**	-
	TRACH1000102	26.86	26.3	20.1	15.81	18.57	15.2	32.52	24.6	27.09	*	-	
	TRACH1000108	88.66	59.61	40.48	28.57	26.39	20.8	69.3	56.08	66.91			
25	TRACH1000128	17.36	13.19	13.78	8.07	9.6	6.46	5.91	5.75	6.51	*	**	-
	TRACH1000146	7.25	6.83	5.07	5.29	3.75	3.17	3.49	3.25	4.97	*	*	-
	TRACH1000160	11.76	11.24	7.7	4.05	5.59	4.95	5.32	4.22	5.87	*	*	-
	TRACH1000184	33.51	45.86	50.29	14.82	25.81	22.15	25.29	16.88	23.76	*	*	-
	VESEN1000004	11.35	8.9	8.13	5.46	9.59	6.32	5.53	5.44	6.01	*	-	
	VESEN1000007	32.64	30.13	26.81	16.7	21.99	18.54	37.52	29.73	33.89	**	-	
30	VESEN1000013	13.16	11.68	12.05	7.19	9.9	4.25	7.18	4.46	8.92	*	*	-
	VESEN1000028	23.17	20.53	28.94	10.16	15.29	14.76	9.13	12.72	8.48	*	**	-
	VESEN1000059	4.76	3.32	5.57	3.56	3.32	3.56	1.16	3.33	1.96			
	VESEN1000100	8.85	5.84	8.92	5.55	6.82	5.48	3.69	5.59	3.98	*	-	
	VESEN1000107	158.28	125.83	134.47	126.46	135.37	133.6	74.61	79.36	82.66	**	-	
	VESEN1000117	3.74	4.02	10.93	3.48	5.02	4.1	2.18	2.11	2.69			
35	VESEN1000122	5.84	5.31	7.17	3.91	7.47	3.29	2.52	3.75	2.41	*	-	
	VESEN1000137	7.93	10.91	7.7	8.31	5.46	4.02	3.34	3.36	5.77	*	-	
	VESEN1000195	12.47	4.75	10.07	4.43	4.22	7.07	3.11	4.32	13.25			
	VESEN1000215	89.55	69.15	78.83	74.46	93.71	81.08	50.08	36.95	43.24	**	-	
	VESEN1000279	16.42	11.12	19.97	7.86	19.23	9.52	8.84	13.86	21.33			
	VESEN1000363	40.43	29.46	56.48	41.4	53.72	50.13	17.51	33.82	20.25			
40	VESEN1000388	4.51	6.13	9.09	5.56	8.45	6.21	3.44	6.29	2.57			
	VESEN1000394	137.33	123.92	135.03	107.32	177.33	115.58	81.85	76.56	86.04	**	-	
	VESEN1000410	7.84	11.73	12.31	7.37	8.85	7.32	5.82	6.16	5.5	*	-	
	VESEN1000411	14.34	16.7	11.87	14.26	14.7	9.52	6.54	4.28	7.07	**	-	
	VESEN1000415	6.65	6.22	8.5	3.16	5.01	4.35	2.06	3.93	7.37	*	-	
	VESEN1000440	7.1	4.56	7.48	10.06	4.69	9.04	3.62	6.97	6.76			
45	VESEN1000452	127.08	114.54	102.58	100.33	106.23	122.79	77.87	58.16	82.71	*	-	
	VESEN1000539	57.4	47.68	67.32	36.3	45.7	42.57	51.56	51.15	50.18			
	VESEN1000554	7.29	12.24	14.13	6.05	4.57	6.75	3.69	3.4	3.85	*	-	
	VESEN1000557	4.5	6.91	10.86	5.64	5.73	4.35	3.05	2.96	4.75			
	VESEN1000575	16	18.27	24.28	11.3	16.07	11.77	13.59	13.83	16.27			
	VESEN1000585	14.4	14.28	13.38	9.87	13.37	6.72	4.91	4.08	5.01	**	-	
50	VESEN1000592	28.09	20.04	22.75	8.98	11.53	7	7.53	8.48	8.84	**	**	-
	VESEN1000658	9.27	5.98	6.99	4.92	3.93	3.11	3.31	12.18	6.06	*	-	
	VESEN1000669	7.65	11.62	18.09	8.2	9.11	7.91	4.21	6.96	3.61			
	VESEN1000743	27.12	25.27	28.49	19.46	23.17	19.77	12.01	15.14	12.53	*	**	-
	VESEN1000752	23.77	18.91	24.8	11.19	11.63	9.8	14.24	19.48	18.19	**	-	
	VESEN1000761	7.03	8.3	9.9	5.64	5.41	3.65	3.1	8.25	5.47	*	-	
55	VESEN2000039	16.58	20.4	16.46	7.12	12.23	7.45	5.23	4.66	6.91	*	**	-
	VESEN2000102	15.76	17.97	17.55	7.45	12.52	8.13	11.35	8.16	13.31	*	*	-
	VESEN2000164	69.66	54.85	54.07	18.32	20.39	15.6	15.69	21.51	20.97	**	**	-

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	VESEN2000175	7.45	6.95	7.39	3.43	6.1	3.72	4.64	8.1	4.35	*	-
	VESEN2000186	18.04	20.73	21.8	11.19	14.77	10.58	8.74	12.84	12.61	**	**
5	VESEN2000199	11.71	6.48	9.96	8.59	9.24	5.52	6.89	6.26	14.79		
	VESEN2000200	150.21	142.83	144.63	172.94	215.31	128.05	93.38	87.48	97.05	**	-
	VESEN2000204	7.05	7.07	9.65	4.56	4.24	3	2.19	4.63	3.19	*	*
	VESEN2000218	16.65	12.07	17.29	7.31	8.24	6.16	8.32	5	5.15	**	**
	VESEN2000230	12.09	13.48	13.57	4.57	10.45	4.08	3.93	4.19	2.98	*	**
	VESEN2000272	8.95	9.01	11.14	4.32	3.66	3.22	4.36	3.53	4.22	**	**
10	VESEN2000299	8.61	7.23	11.81	5.04	5.83	4.25	3.6	5.71	4.76	*	*
	VESEN2000323	17.3	12.74	15.22	15.36	17.47	14.24	5.84	6.35	4.65	**	-
	VESEN2000327	18.5	9.19	14.45	6.81	8.17	7.45	3.2	5.07	5.85	*	-
	VESEN2000328	7.53	7.78	8.38	3.45	4.17	4.12	2.35	2.19	1.81	**	**
	VESEN2000330	25.07	20.15	22.73	13.34	18.45	13.16	15.63	15.15	15	*	**
	VESEN2000336	7.29	9.37	11.82	5.86	9.09	5.78	3.64	3.5	5	*	-
15	VESEN2000354	10.99	8.78	10.4	5.27	8.22	4.93	3.58	3.58	2.59	*	**
	VESEN2000378	168.58	110.88	139.59	81.44	98.69	74.23	74.17	76.59	54.75	*	*
	VESEN2000379	32.08	21.47	28.34	16.72	15.12	13	22.77	26.45	21.84	*	-
	VESEN2000397	21.17	10.11	25.4	12.77	12.2	10.8	15.72	16.01	17.99		
	VESEN2000416	5.92	5.21	7.48	3.5	6.28	4.01	2.87	3.94	3.48	*	-
	VESEN2000420	8.47	4.35	7.18	4.04	3.81	2.46	2.31	4.27	1.92		
20	VESEN2000430	8.74	5.76	7.33	2.94	5.32	2.11	1.8	2.27	0.71	*	**
	VESEN2000448	14.67	14.58	16.08	4.71	4.34	2.88	3.91	2.23	2.27	**	**
	VESEN2000449	46.1	50.29	39.97	32.75	32.82	21.56	37.62	28.99	23.73	*	*
	VESEN2000456	45.88	33.52	32.47	18.88	21.08	19.47	15.48	22.28	22.31	*	*
	VESEN2000562	6.11	3.13	4.69	5.4	3.95	3.19	3.24	2.45	2.42		
	VESEN2000573	26.67	20.52	18.39	14.29	11.45	8.79	8.94	7.46	12.2	*	*
25	VESEN2000604	9.02	7.76	4.59	4.65	4.32	4.42	1.84	4.41	1.34	*	-
	VESEN2000614	9.59	7.78	6.05	4.77	5.05	4.35	3	3.94	2.87	*	*
	VESEN2000638	16.75	10.83	10.74	6.38	9.46	6.26	4.67	4.46	3.5	*	-
	VESEN2000641	15.71	14.29	14.25	7.95	7.6	6.71	8.94	7.41	6.6	**	**
	VESEN2000645	9.28	11.51	10.66	5.27	8.01	4.95	5.42	4.96	6.81	*	**
30	Y79AA1000013	24.66	15.88	15.09	6.08	5.43	5.53	13.59	13.07	18.88	*	-
	Y79AA1000030	19.52	16.62	14.47	8.07	7.77	10.99	7.86	7.77	10.02	*	**
	Y79AA1000033	29.91	18.65	28.38	16.37	15.72	11.59	28.15	19.64	28.85	*	-
	Y79AA1000037	4.94	2.8	4.89	5.28	3.24	0.91	1.44	1.94	2.43	*	-
	Y79AA1000041	79.98	53.74	54.67	39.77	36.14	29.21	42.77	30.09	45.97	*	-
	Y79AA1000059	9.8	7.3	8.44	4.37	5.08	2.06	5.32	3.01	5.11	*	*
35	Y79AA1000065	116.14	101.03	106.53	93.49	124.96	111.44	68.74	63.93	65.56	**	-
	Y79AA1000081	7.88	11.03	9.72	7.03	9.28	7.22	5.68	4.38	3.88	**	-
	Y79AA1000127	8	5.82	6.2	3.17	4.25	2.35	5.28	6.34	4.47	*	-
	Y79AA1000130	20.16	11.01	14.68	13.04	8.43	8.05	14.41	16.35	14.16		
	Y79AA1000131	17.14	8.99	11.18	6.93	10.63	6.92	6.82	8.55	6.52		
	Y79AA1000134	6.34	7.52	5.68	7.86	5.61	3.09	4.16	2.2	3.07	*	-
40	Y79AA1000143	8.89	7.38	8.14	3.93	5.83	3.75	3.23	2.53	3.96	*	**
	Y79AA1000144	11.79	8.62	9.18	5.64	6.37	5.56	3.97	3.84	3.36	*	**
	Y79AA1000150	28.57	28.05	20.04	12.4	17.77	10.86	24.46	16.09	20.29	*	-
	Y79AA1000153	11.32	11.62	7.41	5.89	9.36	6.53	6.84	5.59	6.52		
	Y79AA1000168	13.75	6.3	9.45	4.16	5.68	2.88	7.42	8.85	8.76		
	Y79AA1000179	13.15	8.67	7.74	7.91	7.5	4.67	13.52	5.81	9.18		
45	Y79AA1000181	14.37	9.22	8.77	6.64	8.41	3.93	3.41	3.97	4.65	*	-
	Y79AA1000202	22.9	17.78	19.17	14.55	12.31	8.36	18.27	13.59	20.94	*	-
	Y79AA1000207	52.28	63.3	44.9	24.04	38.89	23.79	15.85	13.31	14.27	*	**
	Y79AA1000214	9.44	4.9	5.66	4.71	4.79	4.18	5.54	2.28	3.2		
	Y79AA1000222	11.34	8.61	7.95	5.13	7.04	2.26	4.7	3.53	4.67	*	-
	Y79AA1000226	27.21	25.59	19.24	12.19	15.74	11.35	24.75	16.69	21.48	*	-
50	Y79AA1000227	9.07	6.57	6.62	3.66	4.45	3.9	7.4	6.45	7.51	*	-
	Y79AA1000230	32.97	25.47	29.26	12.55	10.05	6.68	4.18	3.82	4.93	**	**
	Y79AA1000231	65.27	41.2	48.87	47.4	47.89	24.64	28.97	32.14	28.29	*	-
	Y79AA1000239	74.35	85.68	67.35	68.07	52.75	45.41	64.49	54.97	44.91		
	Y79AA1000258	8.42	5.48	5.2	4.36	4.01	3.09	3.34	2.93	4.62		
	Y79AA1000268	80.53	75.19	49.36	22.18	30.03	27.42	30.39	28.87	31.5	*	*
55	Y79AA1000269	73.43	71.24	52.77	41.13	70.01	36.67	77.91	62.7	65.45		
	Y79AA1000270	10.85	7.03	4.1	4.98	7.95	3.4	5.03	5.7	4.72		
	Y79AA1000280	25.49	25.11	28.96	8.6	12.9	9.27	5.74	8.76	6.26	**	**

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	Y79AA1000285	22.27	16.31	18.63	6.85	10.3	7.36	15.47	22.31	18.9	**	-
	Y79AA1000295	4.35	2.68	5.01	1.59	3.76	2.11	2.3	2.59	2.22		
	Y79AA1000307	6.82	4.93	8.12	6.39	9.3	7.36	3	5.88	4.49		
5	Y79AA1000313	4.28	2.34	3.94	1.66	3.1	3.25	1.93	2.47	1.62		
	Y79AA1000314	1.57	1.83	4.11	1.4	1.41	0.98	0.87	0.14	1.73		
	Y79AA1000328	3.78	3.39	5.43	2.09	10.7	2.68	3.27	3.33	3.32		
	Y79AA1000334	9.59	9.06	7.49	5.79	6.64	3.5	5.12	3.62	4.02	*	**
	Y79AA1000342	17.48	13.29	18.31	13.02	15.9	13.67	34.2	31.79	30.43	**	+
	Y79AA1000346	17.08	11.48	18.69	8.72	9.82	6.74	5.35	5.97	4.15	*	**
10	Y79AA1000347	28.82	26.71	31.26	22.14	31.96	28.74	20.9	20.82	19.69	**	-
	Y79AA1000349	15.95	20.35	20.7	17.44	19.4	18.58	5.37	7.08	5.15	**	-
	Y79AA1000355	11.9	11.6	17.89	14.98	13.32	9.11	5.25	6.54	7.95	*	-
	Y79AA1000368	5.31	4.56	7.88	4.89	6.47	3.77	2.77	3.21	1.95	*	-
	Y79AA1000388	9.85	11.63	11.71	9.62	9.75	4.51	5.03	4.57	5.04	**	-
15	Y79AA1000392	13.05	13.68	11.25	7.92	12.06	6.34	12.1	13.67	13.52		
	Y79AA1000405	100.68	62.31	79.28	103.67	109.59	81.35	71.19	52.24	66.44		
	Y79AA1000410	8.13	6.1	10.22	6.13	5.36	5.28	4.83	4.8	5.17		
	Y79AA1000420	11.1	11.77	13.46	5.41	8.52	5.43	6.77	7.21	5.64	*	**
	Y79AA1000423	7.61	9.21	8.96	4.46	6.29	5.4	4.36	2.75	3.4	*	**
20	Y79AA1000426	5.75	6.96	10.08	4.68	5.08	3.97	3.38	2.69	2.24	*	-
	Y79AA1000432	5.62	5.18	10.2	4.71	5.75	4.03	2.85	3.99	8.12		
	Y79AA1000453	32.42	33.52	37.01	20.21	25.21	18.7	36.98	32.84	33.05	**	-
	Y79AA1000465	4.43	1.91	3.14	1.7	4.29	1.76	2.57	2.29	2.11		
	Y79AA1000469	35.31	28.37	27.42	30.17	34.28	32.32	21.89	31.66	24.15		
	Y79AA1000480	11.78	8.51	13.38	5.22	5.02	5.9	5.84	10.93	8.28	*	-
	Y79AA1000502	19.24	16.15	21.16	8.66	14	12.35	16.39	18.08	18.17	*	-
25	Y79AA1000521	75.16	71.09	84.73	74.85	78.28	67.85	48.04	51.73	45.89	**	-
	Y79AA1000534	13.31	15.15	20.4	13.25	14.05	10.71	13.15	11.71	11.75		
	Y79AA1000538	12.36	14.67	20.45	9.58	11.27	5.96	3.97	0	4.64	**	-
	Y79AA1000539	15.51	16.32	14.99	9.48	12.74	10.1	5.39	5.2	6.13	*	**
	Y79AA1000540	10.2	7.44	12.08	3.41	6.85	4.35	12.15	10.44	10.32	*	-
30	Y79AA1000560	180.34	128.09	149.28	162.08	194.06	150.66	118.75	125.1	108.26		
	Y79AA1000574	12.15	9.72	10.83	5.66	8.8	4.53	10.59	16.21	10.56	*	-
	Y79AA1000584	40.28	35.5	37.1	23.89	28.68	25.51	26.96	34.59	37.41	**	-
	Y79AA1000589	9.65	4.15	9.45	2.79	3.53	2.1	3.54	8.38	4.6		
	Y79AA1000598	34.26	29.42	37.32	17.43	15.95	16.46	24.99	27.55	21.09	**	*
	Y79AA1000600	44.58	45.66	51.58	51.4	52.23	39.65	32.06	30.08	26.05	**	-
35	Y79AA1000609	7.91	6.81	8.76	1.95	5.66	3.3	3.74	4.36	7.05	*	-
	Y79AA1000618	20.27	20.13	21.51	6.61	13.31	6.56	19.86	14.92	16.1	**	-
	Y79AA1000627	18.35	16.53	18.66	9.09	10.58	9.21	14.78	8.21	19.69	**	-
	Y79AA1000636	5.21	2.52	7.03	3.36	4.46	4.2	2.54	3.13	1.94		
	Y79AA1000649	19.51	21.35	25.26	12.58	12.75	9.69	16.99	19.63	19.13	**	-
	Y79AA1000656	7.37	5.14	7.46	2.86	2.97	2.28	2.83	3.72	2.99	**	*
40	Y79AA1000673	8.38	7.17	11.58	4.74	3.99	5.74	1.87	4.27	2.18	*	*
	Y79AA1000674	131.64	157.11	127.73	143.89	140.32	116.2	111.11	118.96	120.08		
	Y79AA1000678	22.12	27.62	25.96	12.61	21.55	13.08	21.7	19.94	19.36	*	-
	Y79AA1000682	14.62	11.86	13.44	6.55	8.13	6.38	12.74	13.35	11.29	**	-
	Y79AA1000683	37.64	24.6	33.28	19.88	16.2	12.73	33.87	33.73	36.17	*	-
	Y79AA1000697	46.01	35.33	48.41	23.15	27.46	23.15	15.24	20.88	15.95	*	**
45	Y79AA1000700	3.64	3.69	5.68	3.34	3.06	2.62	3.53	2.27	2.51	*	*
	Y79AA1000702	50.6	33.01	36	23.71	24.96	18.05	18.21	11.97	15.36	*	*
	Y79AA1000704	93.86	71.31	88.5	110.92	93.16	106.68	74.22	61.46	48.95		
	Y79AA1000705	6.23	6.74	7.37	1.82	2.22	2.09	2.28	0.26	2.39	**	**
	Y79AA1000717	8.36	6.77	8.13	4.96	8.96	4.55	2.44	3.74	2.84	**	-
	Y79AA1000722	10.83	11.52	10.81	4.97	5.79	3.98	6.28	5.41	5.45	**	**
50	Y79AA1000724	42.59	35.15	44.52	31.42	30.43	23.04	24.2	29.89	31.56	*	*
	Y79AA1000726	8.78	4.43	7.31	5.15	4.77	4.25	2.41	3.94	2.09	*	-
	Y79AA1000734	5.72	4.05	6.45	2.81	2.76	3.46	2.68	2.98	0.98	*	-
	Y79AA1000748	7.45	7.72	6.69	2.89	2.82	2.75	2.62	2.6	2.35	**	**
	Y79AA1000750	41.52	33.1	33.65	18.03	22.65	18.6	26.15	29.63	22.6	**	*
55	Y79AA1000752	9.11	9.26	10.14	4.75	3.47	2.23	2.34	2.01	1.29	**	**
	Y79AA1000774	19.25	19.31	26.89	10.74	13.71	10.53	12.54	14.59	12.73	*	*
	Y79AA1000776	12.05	9.97	9.69	5.12	6.81	2.36	10.58	10.24	7.92	*	*
	Y79AA1000777	17.61	11.59	13.15	7.32	8.15	7.21	6.02	5.12	6.68	*	*

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	Y79AA1000778	20.06	13.62	11.66	10.8	9.69	8.29	13.52	13.51	12.96			
	Y79AA1000782	11.43	7.55	9.19	7.76	8.46	7.38	6.62	5.21	4.82	*	-	-
5	Y79AA1000784	13.14	10.21	12.84	4.67	6.08	6.71	10.7	9.6	9.71	**	-	-
	Y79AA1000794	46.19	39.88	38.82	22.35	24.71	16.75	37.28	33.24	34.17	**	-	-
	Y79AA1000800	7.18	3.91	5.09	0.48	0.36	0.17	2.34	0	0	**	*	-
	Y79AA1000802	11.45	13.12	10.85	5.78	8.8	4.96	3.89	4.75	3.77	*	**	-
	Y79AA1000805	21.22	18.33	12.77	6.7	11.14	4.1	15.87	12.52	16.72	*	-	-
	Y79AA1000814	27.49	21.74	19.65	16.59	17.35	12.96	22	17.22	22.17			
10	Y79AA1000823	14.24	7.73	9.85	4.94	4.36	5.06	6.73	6.96	8.36	*	-	-
	Y79AA1000824	16.24	10	9.76	8.11	9.28	6.16	6.82	5.83	8.72			
	Y79AA1000827	9.71	3.82	4.6	3.63	3.22	2.56	3.51	2.06	2.83			
	Y79AA1000831	7.38	5.79	7.27	4.13	3.32	2.68	4.43	0.57	1.26	**	*	-
	Y79AA1000833	22.35	19.25	16.88	12.38	7.9	8.89	19.38	11.86	18.04	**	-	-
	Y79AA1000850	33.44	40.57	26.99	19.52	21.81	14.62	28.93	23.5	32.01	*	-	-
15	Y79AA1000856	6.26	7.4	4.9	2.81	6.29	2.12	4.31	2.48	3.63	*	-	-
	Y79AA1000862	8.84	4.04	5.05	7.04	4.31	3.07	5.61	5.34	5.05			
	Y79AA1000876	21.17	10.25	11.73	7.67	6.82	6.01	5.79	7.01	6			
	Y79AA1000888	32.02	25.94	21.68	17.64	17.29	12.59	18.41	20.33	23.17	*	-	-
	Y79AA1000902	6.26	5.68	6.17	4.27	4.4	2.72	2.73	2.97	2.19	*	**	-
20	Y79AA1000935	76.11	52.08	52.32	70.65	71.58	69.22	39.77	35.2	32.3	*	-	-
	Y79AA1000958	48.22	40.7	37.08	25.45	33.48	19.11	26.33	21.44	21.93	*	**	-
	Y79AA1000962	46.82	45.31	38.99	22.79	24.29	17.48	60.82	38.12	53.14	**	-	-
	Y79AA1000963	25.33	35.17	19.37	13.71	17.32	12.79	14.75	14.39	13.92			
	Y79AA1000966	41.31	37.86	31.25	27.6	23.69	23.7	32	18.68	25.22	*	-	-
	Y79AA1000967	19.13	9.69	10.03	8.88	7.99	4.65	1.27	8.2	0.25			
25	Y79AA1000968	25.81	16.48	14.41	11.57	12.79	6.94	25.2	19.6	28.68			
	Y79AA1000969	40.02	39.97	33.37	23.55	39.74	36.04	32.93	30.52	18.66			
	Y79AA1000976	22.75	15.17	16.99	14.98	19.84	15.88	14.85	10.98	11.26			
	Y79AA1000978	8.83	7.09	6.8	4.57	5.39	2.66	4.35	3.43	4.33	*	**	-
	Y79AA1000985	8.02	3.9	5.83	4.32	4.39	1.76	4.37	2.17	1.99			
	Y79AA1000989	295.68	243.92	218.77	78.52	138.6	77.87	70.03	46.49	61.43	**	**	-
30	Y79AA1000991	12.26	8.35	10.64	5.63	5.93	8.76	7.23	8.65	6.01			
	Y79AA1001013	42.37	37.07	51.31	24.72	27.17	18.23	24.27	34.59	22.31	*	*	-
	Y79AA1001014	16.53	17.99	19.41	12.93	20.24	14.74	13.35	18.92	15.51			
	Y79AA1001019	8.07	6.21	8.29	4.14	6.05	5.04	2.84	5.3	3.51	*	*	-
	Y79AA1001020	13.89	16.72	13.86	21.03	12.53	10.76	9.5	10.16	11.46	*	-	-
	Y79AA1001023	7.28	6.24	9.28	4.31	8.03	5.29	3.01	3.87	2.51	*	-	-
35	Y79AA1001030	28.41	43.95	33.86	36.62	21.08	22.74	16.86	22.85	18.21	*	-	-
	Y79AA1001035	10.6	13.73	10.93	9.68	10.73	7.69	7.26	7.72	8.91	*	-	-
	Y79AA1001041	14.5	11.14	15.3	8.73	9.98	7.28	9.17	13.51	15.31	*	-	-
	Y79AA1001043	22.79	19.12	22.36	8.78	13.48	10.29	9.42	13.86	17.78	**	*	-
	Y79AA1001048	12.86	13.5	12.88	6.65	11.19	7.59	6.44	7.55	6.3	*	**	-
	Y79AA1001056	6.67	9.77	12.37	5.42	9.5	6.82	2.1	3.99	2.72	*	-	-
40	Y79AA1001061	11.12	17.1	15.18	5.75	10.72	7.78	8.04	10.36	12.77	*	-	-
	Y79AA1001062	4.7	4.96	6.24	2.95	3.71	2.56	2.92	2.19	2.28	*	**	-
	Y79AA1001068	6.22	3.59	5.75	4.34	5.98	4.49	3.29	3.38	3.07			
	Y79AA1001073	17.6	17.56	20.08	5.98	13.24	7.19	16.17	13.71	20.42	*	-	-
	Y79AA1001077	7.3	2.86	6.26	7.08	4.43	3.45	1.86	5.22	1.86			
	Y79AA1001078	7.29	5.05	6.25	3.73	4.63	2.99	3.3	5.06	3.66	*	-	-
45	Y79AA1001081	7.84	5.5	8.85	3.05	3.81	3.52	2.8	3.1	3.74	*	*	-
	Y79AA1001086	36.17	40.23	42.34	24.5	22.27	19	24.36	30.94	32.13	**	*	-
	Y79AA1001089	332.88	366.62	308.34	284.36	390.54	406.65	237.36	376.46	392			
	Y79AA1001090	7.05	4.26	8.66	4.12	3.36	2.71	3.39	1.8	2.5	*	-	-
	Y79AA1001105	22.53	22.64	23.57	8.51	14.07	9.94	17.11	15.32	16.62	**	**	-
50	Y79AA1001142	114.5	98.72	131.88	102.55	114.58	143.24	69.56	60.81	74.51	*	-	-
	Y79AA1001145	98.33	98.57	100.63	125.36	121.38	91.71	78	59.2	74.76	**	-	-
	Y79AA1001162	126.48	83.55	107.65	92.38	93.62	73.32	97.56	124.59	105.84			
	Y79AA1001167	12.61	7.85	13.06	7.92	8.62	6.56	7.15	16.96	9.58			
	Y79AA1001176	75.12	80.1	84.48	76.52	65.54	64.34	46.71	59.03	47.45	**	-	-
	Y79AA1001177	8.46	7.48	10.23	4.06	5.51	3.51	3.45	4.68	2.96	*	**	-
	Y79AA1001179	54.1	53.61	67.63	28.64	33.09	26.42	13.62	47.33	10.91	**	-	-
55	Y79AA1001185	32.79	30.94	36.04	15.68	21.34	16.32	19.9	17.65	25.06	**	**	-
	Y79AA1001201	45.08	50.33	41.06	13.71	31.35	17.81	48.16	43.78	38.95	*	-	-
	Y79AA1001205	18.73	12.88	21.83	8.38	8.46	6.14	7.31	11.86	11.81	*	-	-

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	Y79AA1001211	21.15	21.66	22.83	13.08	12.91	10.43	0.44	20.18	19.17	**	-	-
	Y79AA1001212	128.68	116.33	107.84	151.9	151.84	105.91	80.87	83.57	67.14	**	-	-
5	Y79AA1001216	31.68	27.07	33.84	18.3	19.09	14.63	17.05	18.24	23.12	**	*	-
	Y79AA1001228	7.97	5.25	12.95	3.35	3.4	3.64	3.41	10.17	4.89			
	Y79AA1001233	8.26	6.53	16.79	3.45	3.77	2.51	2.28	3.79	3.13			
	Y79AA1001236	8.84	5.25	11.14	5.02	5.53	3.13	4.08	4.7	2.24			
	Y79AA1001239	74.22	59.48	53.54	45.62	83.11	43.05	50.35	42.44	46.18			
	Y79AA1001240	70.83	49.07	64.4	30.83	35.04	20.32	48.49	59.48	54.67	*	-	-
10	Y79AA1001255	8.89	10.29	10.55	7.47	6.78	6.42	0.72	6.35	0.76	**	*	-
	Y79AA1001264	14.2	10.19	13.36	9.71	10.05	8.67	4.58	4.84	6.39	**	*	-
	Y79AA1001272	15.16	12.6	13.5	3.77	6.76	5.59	8.86	7.59	6.53	**	**	-
	Y79AA1001281	8.87	7.72	6.68	4.17	4.8	3.47	2.65	2.22	2.28	**	**	-
	Y79AA1001299	9.39	10.08	9.6	4.21	5.3	4.49	3.28	3.68	3.29	**	**	-
	Y79AA1001312	40.47	42.72	35.81	17.92	27.92	14.77	29.7	20.85	26.67	*	*	-
15	Y79AA1001319	31.92	23	20.23	23.19	28.4	16.86	30.43	20.02	18			
	Y79AA1001323	32.99	27.82	34.32	14.07	19.03	14.31	25.9	23.32	27.9	**	-	-
	Y79AA1001328	28.33	16.1	28.16	14.56	12.93	12.69	4.94	7.51	4.42	*	-	-
	Y79AA1001343	12.56	8.01	10.99	6.43	7.59	7.49	6.83	9.08	8.27			
	Y79AA1001351	6.64	4.21	8.23	2.99	1.8	1.8	2.08	2.52	1.68	*	*	-
20	Y79AA1001364	8.06	5.02	6.89	3.26	2.98	2.12	4.06	2.93	1.74	*	*	-
	Y79AA1001367	145.27	118.42	143.46	117.7	132.8	94.77	76.65	57.61	66.99	**	-	-
	Y79AA1001384	45.86	52.17	41.89	27.43	34.83	21.42	31.33	29.86	26.76	*	**	-
	Y79AA1001391	10.96	12.22	10.34	2.99	9.55	4.77	7.43	7.31	6.01	**	-	-
	Y79AA1001394	24.73	14.05	14.28	9.7	6.32	9.07	6.42	10.16	9.01			
	Y79AA1001402	12.42	7.77	9.12	5.62	4.8	4.67	4.74	3.87	4.52	*	*	-
25	Y79AA1001410	5.24	2.77	3.09	3.28	1.53	1.95	2.62	0.78	1.99			
	Y79AA1001414	27.49	18.53	20.44	10.78	9.47	10.2	16.16	13.43	11.92	*	*	-
	Y79AA1001426	271.77	221.23	225.78	200.19	221.07	217.77	202.63	211.55	197.64			
	Y79AA1001427	15.18	10.97	10.9	6.77	10.81	5.39	6.71	6.07	6.74	*	-	-
	Y79AA1001430	22.25	17.58	19.52	10.25	13.63	7.85	11.32	11.76	10.84	*	**	-
	Y79AA1001439	6.75	4.58	4.31	2.6	4.23	1.25	2.94	2.35	2.98	*	-	-
30	Y79AA1001485	17.57	9.99	14.92	13.26	10.56	8.25	5.32	10.37	14.36			
	Y79AA1001493	20.47	12.23	13.25	9.02	11.27	6.64	13.37	13.83	16.06			
	Y79AA1001511	14.52	8.05	9.32	8.33	6.58	5.82	5.2	6	5.96			
	Y79AA1001523	10.03	6.72	7.33	6.48	4.81	3.84	4.54	3.21	2.59	*	-	-
	Y79AA1001530	11.44	7.57	8.59	5.84	8.84	5.29	6.2	7.76	5.77			
	Y79AA1001532	13.55	14.73	11.04	5.35	5.16	4.93	5.08	4.52	6.49	**	**	-
35	Y79AA1001533	56.6	68.51	50.9	29.97	36.82	26.92	69.28	61.19	56.58	*	-	-
	Y79AA1001541	8.12	8.52	5.25	4.02	4.89	2.24	4.69	2.24	2.18	*	*	-
	Y79AA1001548	67.38	47.55	44.48	30.61	26.42	21.92	46.07	51.22	51.86	*	-	-
40	Y79AA1001555	14.35	9.75	8.13	8.86	4.86	4.97	8.19	7.68	10.98			
	Y79AA1001562	18.44	13.73	12.82	8.99	10.6	7.19	10.2	9.39	15.75	*	-	-
	Y79AA1001581	24.34	18.91	17.62	9.8	12.04	10.4	15.9	9.96	16.33	*	-	-
	Y79AA1001585	30.32	20.83	22.83	20.22	25.12	15.45	0.69	15.13	0.14	*	-	-
	Y79AA1001592	28.53	25.65	26.36	29.33	16.66	7.28	20.69	8.44	14.72	*	-	-
	Y79AA1001594	23.28	21.85	24.28	14.25	15.59	10.11	22.55	14.53	20.27	**	-	-
	Y79AA1001603	12.47	11.04	10.84	6.8	11.48	6.78	22.63	14.33	27.5			
	Y79AA1001613	25.09	18.27	18.81	23.47	16.84	13.34	20.3	16.35	18.99			
	Y79AA1001630	22.94	13.91	12.22	13.14	13.53	8.02	11.73	12.98	17.67			
45	Y79AA1001647	33.54	24.86	22.66	23.22	25.84	16.49	26.93	21.3	26.55			
	Y79AA1001664	12.2	10.56	13.13	7.78	6.05	5.54	10.34	8.1	11.69	**	-	-
	Y79AA1001665	11.52	9	9.75	6.87	7.31	6.13	5.92	6.12	7.69	*	*	-
	Y79AA1001679	24.51	18.98	17.88	11.13	12.84	9.27	24.02	13.28	18.8	*	-	-
	Y79AA1001692	7.23	6.72	8.1	2.24	2.83	2.63	3.64	2.31	3.06	**	**	-
	Y79AA1001696	14.23	12.31	9.21	5.29	8.48	4.61	14.27	13.28	13.01	*	-	-
50	Y79AA1001705	12.04	11.4	8.55	9.76	11.8	6.21	4.61	5.98	4.57	**	-	-
	Y79AA1001711	13.72	7.72	10.63	6.49	4.11	3.08	6.08	4.06	7.4	*	-	-
	Y79AA1001717	4.71	1.55	3.26	3.34	1.71	0.7	1.49	1.63	1.39			
	Y79AA1001719	22.12	12.72	16.33	9.89	12.72	6.53	12.21	11.1	11.76			
	Y79AA1001727	38.96	27.16	22.35	13.65	17.35	9.31	38.01	28.39	34.23	*	-	-
	Y79AA1001750	21.5	17.52	18.42	10.15	15.4	8.01	11.94	9.9	11.41	*	**	-
55	Y79AA1001760	127.24	115.03	77.78	58.26	73.6	43.62	140.25	100.84	138.73	*	-	-
	Y79AA1001777	6.77	6.32	6.37	2.57	5.24	2.46	5.26	4.15	4.71	*	**	-
	Y79AA1001781	2.86	2.24	2.15	1.61	1.86	2.55	0.74	1.53	1.3	*	-	-

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	Y79AA1001787	5.04	3.62	6.16	2.83	4.49	3.23	3.33	2.97	2.01				
	Y79AA1001793	120.15	97.84	90.95	70.69	108.02	70.38	56.01	50.79	40.18	**	**	-	-
5	Y79AA1001795	5.66	5.4	6.21	4.2	5.9	3.1	3.91	2.49	2.28	**	**	-	-
	Y79AA1001799	15.09	14.95	16.22	8.14	9.02	8.13	5.96	8.67	5.96	**	**	-	-
	Y79AA1001800	25.64	16.41	26.8	14.68	31.06	13.67	17.04	13.04	14.7			-	-
	Y79AA1001801	18.54	13.81	14.73	8.69	14.72	7.61	10.02	6.35	8.81	*	*	-	-
	Y79AA1001803	4.48	5.85	6.44	4.5	2.73	1.98	4.84	2.96	2.69			-	-
	Y79AA1001805	40.28	26.89	34.51	17.56	11.83	10.76	12.11	14.87	11.59	**	**	-	-
10	Y79AA1001807	42.38	40.49	41.45	39.87	44.56	37.42	30.19	22.76	22.12	**	**	-	-
	Y79AA1001827	9.32	11.28	9.81	8.01	8.55	6.68	5.41	8.86	5.83	*	*	-	-
	Y79AA1001846	22.14	19.33	18.59	11.82	17.37	13.61	12.56	15.77	9.7	*	*	-	-
	Y79AA1001848	8.04	9.99	9.11	5.33	6.98	5.01	6.65	6.63	5.92	*	*	-	-
	Y79AA1001853	10.87	10.1	9.06	5.77	8.29	4.56	4.63	5.75	4.91	*	**	-	-
	Y79AA1001863	24.97	27.27	22.17	17.04	22	11.97	13.95	21.02	18.07	*	*	-	-
15	Y79AA1001866	13.46	10.72	11.93	6.28	4.52	4.93	6.56	4.65	4.51	**	**	-	-
	Y79AA1001874	2.1	1.41	2.93	0.78	1.08	0.95	1.46	1.22	1.08			-	-
	Y79AA1001875	31.78	22.74	37.59	12.11	19.59	16.03	9.16	15	14.61	*	*	-	-
	Y79AA1001907	517.52	778.32	567.93	750.86	875.67	821.68	479.34	605.65	529.63			-	-
	Y79AA1001908	5.27	6.69	9.96	3.58	5.35	3.25	2.93	3.09	1.48	*	*	-	-
	Y79AA1001923	8.48	16.75	14.8	9.28	7.65	6.34	6.48	6.75	5.36	*	*	-	-
20	Y79AA1001927	18.05	21.6	19.1	12.29	16.25	12.12	14.45	14.01	14.79	*	**	-	-
	Y79AA1001930	12.23	24.48	15.86	10.91	18.16	6.72	4.54	5.11	5.37	*	*	-	-
	Y79AA1001932	61.74	56.58	52.19	37.44	49.06	33.54	58.52	51.29	51.59	*	*	-	-
	Y79AA1001933	9.52	6.51	10.88	6.04	6.05	6.44	4.27	11.51	4.91			-	-
	Y79AA1001942	10.76	6.66	7.93	7.97	5.94	4.4	3.29	2.7	3.99	*	*	-	-
25	Y79AA1001963	138.12	106.9	117.87	95.52	130.54	91.9	83.12	67.08	69.04	*	*	-	-
	Y79AA1001968	147.27	91.21	62.32	82.32	49.63	76.26	20.14	2.41	10.4	*	*	-	-
	Y79AA1001983	12.1	16.25	14.99	5.06	8.59	7.83	3.08	3.73	3.02	*	**	-	-
	Y79AA1002000	8.87	9.86	16.46	6.28	9.55	3.45	4.66	4.84	4.51	*	*	-	-
	Y79AA1002004	46.17	58.66	37.42	34.61	47	15.44	17.13	16.13	8.67	**	**	-	-
	Y79AA1002008	16.52	21.1	20.83	11.85	16.14	12.02	7.95	15.74	18.89	*	*	-	-
30	Y79AA1002012	13.85	12.54	10.41	5.85	6.84	6.65	8.76	11.21	9.52	**	**	-	-
	Y79AA1002017	15.21	10.94	15.42	6.73	12.23	8.22	1.29	15.64	2.06			-	-
	Y79AA1002022	42.57	32.77	37.11	21.13	22.85	16.91	21.09	21.59	19.22	**	**	-	-
	Y79AA1002027	10.35	8.04	15.25	2.11	4.6	4.84	5.16	2.67	4.2	*	*	-	-
	Y79AA1002050	13.21	11.11	14.39	7.26	8.9	5.9	6.9	7.16	7.33	*	**	-	-
	Y79AA1002058	167.29	130.21	156.91	193.04	186.39	149.35	127.37	93.56	137.15			-	-
35	Y79AA1002060	54.35	76.53	61.68	36.08	41.21	29.16	24.43	9.99	5.28	*	**	-	-
	Y79AA1002062	49.46	32.53	50.05	16.65	20.72	17.6	35.11	28.1	35.48	*	*	-	-
	Y79AA1002065	113.45	69.34	64.62	65.01	102.96	72.96	82.29	90.04	44.91			-	-
	Y79AA1002067	33.46	37.19	43.9	21.85	20.1	22.68	15.4	10.55	10.37	**	**	-	-
	Y79AA1002069	5.33	3.94	7.12	3.04	1.49	2.47	3.1	3.24	2.29	*	*	-	-
	Y79AA1002070	67.39	142.78	83.33	77.38	149.87	86.41	153.3	88.92	78.17			-	-
40	Y79AA1002074	1225	1102	498.16	721.59	1162.7	771.32	764.45	491.49	312.45			-	-
	Y79AA1002076	8.24	11.39	15.58	4.01	6.13	3.99	13	9.01	11.16	*	*	-	-
	Y79AA1002083	11.94	6.94	9.48	4.49	4.53	3.15	4.48	1.37	1.78	*	*	-	-
	Y79AA1002084	20.05	13.84	17.88	7.41	8.36	6.24	10.42	8.8	8.13	**	*	-	-
	Y79AA1002088	15.57	8.01	9.58	4.16	3.65	3.41	3.6	4.3	3.59	*	*	-	-
	Y79AA1002087	265.36	258.38	345.6	296.44	355.85	248.9	347.62	322.78	317.34			-	-
45	Y79AA1002089	15.8	12.04	15.08	6.67	9.17	6.14	12.29	9.32	9.91	**	**	-	-
	Y79AA1002093	13.66	12.64	9.33	5.35	6.21	4.47	3.01	2.8	2.57	**	**	-	-
	Y79AA1002101	6.58	7.04	8.08	3.07	2.77	1.96	3.3	4.71	1.2	**	*	-	-
	Y79AA1002103	11.98	11.79	10.9	4.11	5.96	4.92	4.54	2.99	2.4	**	**	-	-
	Y79AA1002115	15.51	18.46	14.58	9.3	11.82	8.45	4.13	9.04	5.86	*	**	-	-
	Y79AA1002121	6.93	5.28	6.92	6.7	3.27	4.36	3.68	3.01	3.29	**	**	-	-
50	Y79AA1002125	40.85	21.04	26.11	14.22	18.4	17.66	12.21	8.56	11.75	*	*	-	-
	Y79AA1002129	7.76	7.25	11.87	4.36	3.94	3.2	3.76	3.8	4.37	*	*	-	-
	Y79AA1002131	5.89	3.57	4.65	1.58	2.79	2.27	3.32	1.61	2.75	*	*	-	-
	Y79AA1002139	8.48	7.22	6.23	4.06	4.42	2.47	3.44	3.86	2.67	*	**	-	-
	Y79AA1002144	53.23	47.33	47.13	32.96	42.65	28.86	30.69	36.28	25.23	*	**	-	-
	Y79AA1002177	14.09	13.17	13.65	5.87	6.08	5.05	5.82	4.1	4.34	**	**	-	-
55	Y79AA1002183	76.21	99.47	69.64	24.87	40.12	25.67	26.7	15.32	11.38	**	**	-	-
	Y79AA1002202	29.69	18.4	18.04	8.22	10.65	8.82	13.41	13.22	16.71	*	*	-	-
	Y79AA1002204	4.17	2.23	3.23	5.04	1.05	2.68	3.28	2.4	2.69			-	-

Table 509

	Y79AA1002206	7.86	6.79	4.86	2.41	3.6	5.74	5.49	1.51	2.8				
	Y79AA1002208	21.91	17.64	15.14	5.6	4.07	5.57	6.81	5.17	2.55	**	**	-	-
5	Y79AA1002209	14.82	11.28	11.86	6.23	4.7	2.82	4.71	1.33	3.18	**	**	-	-
	Y79AA1002210	13.64	7.39	7.59	9.08	4.62	5.18	20.5	2.05	6.37				
	Y79AA1002211	11.76	19.59	13.47	10.43	6.65	6.52	12.32	8.42	11.25				
	Y79AA1002213	40.78	31.99	22.96	18.41	26.57	14.98	45.88	32.4	41.97				
	Y79AA1002215	54.92	41.69	39.55	24.88	24.36	11.26	37.49	23.6	35.98	*		-	
10	Y79AA1002220	17.03	11.5	20.58	7.13	5.68	5.31	4.57	4.8	6.51	*	*	-	-
	Y79AA1002226	48.55	31.27	31.34	7.35	12.72	13.65	9.19	6.65	11.13	*	**	-	-
	Y79AA1002229	7.88	6.84	5.37	6.02	4.67	2.85	3.67	2.52	3.73	*	*	-	-
	Y79AA1002234	20.83	13.27	12.39	9.34	6.36	3.6	6.9	3.36	5.84	*	*	-	-
	Y79AA1002235	28.03	23.84	21.24	15.07	14.87	9.39	10.75	8.42	13.64	*	**	-	-
15	Y79AA1002246	9.72	14.9	10.35	5.25	6.99	4.12	8.31	3.82	6.69	*		-	
	Y79AA1002258	12.35	12.02	7.88	7.82	11.57	8.55	9.77	4.5	4.81				
	Y79AA1002279	51.52	49.19	41.11	5.28	2.78	2.07	15.99	20.03	22.13	**	**	-	-
	Y79AA1002292	13.64	7.58	4.14	5.73	4.43	2.94	6.45	6.01	8.36				
	Y79AA1002298	9.43	8.29	4.77	3.29	5.48	4.2	4.42	4.85	3.79	*	*	-	-
20	Y79AA1002307	9.31	8.07	6.62	3.9	4.4	2.44	5.17	1.76	2.58	*	*	-	-
	Y79AA1002309	8.88	7.96	8.79	3.32	4.26	2.83	4.23	2.88	3.97	**	**	-	-
	Y79AA1002311	16.51	9.27	11.76	6.9	6.2	3.45	7.45	3.09	6.4	*	*	-	-
	Y79AA1002334	13.05	8.36	7.7	5.13	4.89	3.36	5.91	4.32	5.92	*	*	-	-
	Y79AA1002351	13.61	12.49	9.42	7.1	4.15	6.19	7.95	4.93	5.8	*	*	-	-
	Y79AA1002355	31.74	30.6	21.85	12.21	15.81	9.74	20.54	18.29	18.48	*	*	-	-
25	Y79AA1002361	23.42	15.4	18.02	12.53	10.73	6.85	25.86	17.1	25.5	*		-	
	Y79AA1002365	12.42	6.37	7.19	3.15	4.11	3.03	4.29	4.74	4.01				
	Y79AA1002373	8.95	6.89	5.46	5.13	4.81	3.4	9.6	4.57	7.84				
	Y79AA1002376	1550.5	2569.2	1680.8	462.62	827.86	616.71	1477.6	1040.3	1062.1	*		-	-
	Y79AA1002378	20.24	17.32	13.54	5.14	9.41	4.23	19.28	11.07	16.88	*		-	-
30	Y79AA1002381	116.11	128.86	74.48	110.66	141.78	92.68	155.95	123.08	170.94				
	Y79AA1002388	33.4	33.3	27.31	13.85	26.75	11.62	21.29	16.32	21.24		*	-	-
	Y79AA1002399	11.13	8.22	7.72	4.28	5.54	4.87	7.56	5.9	6.25	*		-	-
	Y79AA1002407	12.66	14.43	18.13	7.72	14.18	6.84	5.83	9.78	4.59	*	*	-	-
	Y79AA1002413	16.98	12.77	14.95	6.14	9.13	4.62	8.44	10.73	7.99	*	*	-	-
	Y79AA1002416	7.52	8.19	8.76	5.47	10.72	5.8	8.2	6.05	6.59				
35	Y79AA1002429	17.73	18.61	8.81	5.82	10.24	4.73	3.65	6.89	5.66		*	-	-
	Y79AA1002431	3.38	3.05	6.2	3.01	5.89	1.6	2.81	2.79	1.69				
	Y79AA1002433	9.94	11.67	9.29	5.11	5.57	3.18	3.49	4.6	3.87	**	**	-	-
	Y79AA1002445	33.47	25.62	23.49	15.99	10.67	7.02	18.92	25.26	13.87	*		-	-
	Y79AA1002461	7.94	6.22	7.84	3.36	7.35	4.7	3.49	2.25	3.85		**	-	-
	Y79AA1002466	778.44	339.4	681.02	542.56	499.15	369	592.67	971	768.71				
40	Y79AA1002471	11.38	8.13	15.35	12.81	13.4	11.43	4.94	6.06	4.47		*	-	-
	Y79AA1002472	31.22	33.06	31.17	18.15	21.85	9.34	16.29	20.14	20.03	*	**	-	-
	Y79AA1002474	10.68	12.29	10.71	6.77	7.3	7.75	3.17	7.37	4.86	**	*	-	-
	Y79AA1002482	30.09	33.68	36.63	19.02	23.45	17.38	21.9	25.81	23.08	**	*	-	-
	Y79AA1002487	8.33	8.29	7.43	7.28	8.45	6.44	5.34	3.78	3.86		**	-	-
45	Y79AA1002490	143.18	106.89	117.63	56.22	71.49	57.31	59.76	51.39	52.37	**	**	-	-
	Y79AA1002493	44.75	41.56	40.36	20.64	28.52	19.33	38.02	46.19	46.7	**	**	-	-
	ZRV6C1006278	5.26	7	5.52	3.16	2.97	2.19	2.99	2.6	2.72	**	**	-	-

EXAMPLE 16

Selection of novel cDNA clones from cDNA libraries prepared by oligo-capping method

[0246] The following 54 clones were newly selected from cDNA libraries prepared by oligo-capping method, based on the criterion that the 5'-end sequence of a cDNA clone contained a coding region which was initiated with ATG codon and which encoded 50 amino acids or more:

HEMBA1000497, HEMBA1001750, HEMBA1003854, HEMBA1004193, HEMBA1004860, HEMBA1005572, HEMBA1006038, HEMBA1006092, HEMBA1006406, HEMBA1006650, HEMBA1006812, HEMBB1000672, HEMBB1001197, HEMBB1001871, MAMMA1001252, MAMMA1002094, NT2RM4000634, NT2RM4000657,

NT2RM4000783, NT2RM4000857, NT2RM4001178, NT2RM4002420, NT2RP2000198, NT2RP2000551, NT2RP2000660, NT2RP2001214, NT2RP2001460, NT2RP2001756, NT2RP2002056, NT2RP2002677, NT2RP2002755, NT2RP2002843, NT2RP2003101, NT2RP2003799, NT2RP2004095, NT2RP2004732, NT2RP2004920, NT2RP2005454, NT2RP2005776, NT2RP2005806, NT2RP2005882, NT2RP3001282, NT2RP3001723, NT2RP3002099, NT2RP3003155, NT2RP3004028, OVARC1000008, OVARC1000724, OVARC1000751, OVARC1001029, PLACE1000814, PLACE1003030, PLACE1005549, PLACE1007218.

Among them, the following 23 clones was predicted to contain a coding region encoding 100 amino acids or more: HEMBA1000497, HEMBA1003854, HEMBA1004193, HEMBA1006812, HEMBB1001871, NT2RM4000657, NT2RM4001178, NT2RP2001756, NT2RP2002677, NT2RP2002755, NT2RP2002843, NT2RP2004095, NT2RP2004920, NT2RP2005806, NT2RP3001282, NT2RP3002099, NT2RP3003155, OVARC1000724, OVARC1001029, PLACE1000814, PLACE1003030, PLACE1005549, PLACE1007218. This indicates that the clones encode proteins.

[0247] Table 510 shows maximal ATGprl value determined for each clone. Since the respective maximal ATGprl values for HEMBA1006812, HEMBB1001871 and NT2RRP3001282 are higher than 0.3, the clones would be full-length. Other clones indicated below have maximal ATGprl values of 0.3 or less, and this means that the fullness ratios of the clones are low.

However, the sequences can still be full-length: HEMBA1000497, HEMBA1001750, HEMBA1003854, HEMBA1004193, HEMBA1004860, HEMBA1005572, HEMBA1006038, HEMBA1006092, HEMBA1006406, HEMBA1006650, HEMBB1000672, HEMBB1001197, MAMMA1001252, MAMMA1002094, NT2RM4000634, NT2RM4000657, NT2RM4000783, NT2RM4000857, NT2RM4001178, NT2RM4002420, NT2RP2000198, NT2RP2000551, NT2RP2000660, NT2RP2001214, NT2RP2001460, NT2RP2001756, NT2RP2002056, NT2RP2002677, NT2RP2002755, NT2RP2002843, NT2RP2003101, NT2RP2003799, NT2RP2004095, NT2RP2004732, NT2RP2004920, NT2RP2005454, NT2RP2005776, NT2RP2005806, NT2RP2005882, NT2RP3001723, NT2RP3002099, NT2RP3003155, NT2RP3004028, OVARC1000008, OVARC1000724, OVARC1000751, OVARC1001029, PLACE1000814, PLACE1003030, PLACE1005549, PLACE1007218

[0248] Table 511 (same as Table 2) shows SEQ ID NOs of the nucleotide sequences located at the 5'-end and 3'-end of each of the 54 clones and the corresponding plasmid clone, which was obtained herein, containing a polynucleotide as an insert. SEQ ID NO for a 5'-end sequence is indicated on the right side of the corresponding Sequence name of 5'-end sequence, and SEQ ID NO for a 3'-end sequence is indicated on the right side of the corresponding Sequence name of 3'-end sequence.

[0249] Swiss-Prot was searched for data homologous to the 5'-end sequences of the selected 54 clones, and GenBank and UniGene were searched for data homologous to the 5'-end and 3'-end sequences of the same clones. The search results are indicated as Homology search results 1-7 in the last part of this SPECIFICATION.

[0250] Based on the matching data obtained by the search, 7 clones presumably encode proteins belonging to any of the categories of secretory or membrane proteins, glycoproteins, signal transduction-associated proteins, transcription-associated proteins, disease-associated proteins, and protein synthesis- and/or protein transport-associated proteins. These were clones exhibiting relatively low homology to any of known proteins belonging to said categories. Here, the term "relatively low homology" means that a nucleotide sequence does not satisfy the conditions under which the nucleotide sequence exhibits "relatively high homology" (which means that, when the nucleotide sequence is compared with the known sequences in Swiss-Prot database, the sequence identity is 60% or higher and the P value is 10^{-10} or less) and that, when the nucleotide sequence is compared with the known sequences in Swiss-Prot database, the sequence to be compared contains 55 nucleotides or more, the sequence identity is 25% or higher, and the P value is 10^{-6} or less.

[0251] Among the 7 clones, clones presumably encoding proteins belonging to the category of secretory or membrane proteins are the two clones, HEMBB1001871 and NT2RM4000857 (which also belong to other categories); clones presumably encoding proteins belonging to the category of glycoproteins are the two clones, HEMBB1001871 and NT2RM4000857 (which also belong to other categories); a clone presumably encoding a protein belonging to the category of signal transduction-associated proteins is PLACE1005549; clones presumably encoding proteins belonging to the category of transcription-associated proteins are the three clones, HEMBA1005572, NT2RP2001756, and NT2RP2005776; a clone presumably encoding a protein belonging to the category of disease-associated proteins is NT2RM4000857 (which also belong to other categories); a clone presumably encoding a protein belonging to the category of protein synthesis- and/or protein transport-associated proteins is HEMBA1001750 (see Examples 12).

Table 510
The maximal ATGpr1 value of each clone selected in Example 16

clone name	name of sequence	maximal ATGpr1 score
HEMBA1000497	F-HEMBA1000497	0.25
HEMBA1001750	F-HEMBA1001750	0.08
HEMBA1003854	F-HEMBA1003854	0.23
HEMBA1004193	F-HEMBA1004193	0.22
HEMBA1004860	F-HEMBA1004860	0.29
HEMBA1005572	F-HEMBA1005572	0.24
HEMBA1006038	F-HEMBA1006038	0.29
HEMBA1006092	F-HEMBA1006092	0.28
HEMBA1006406	F-HEMBA1006406	0.26
HEMBA1006650	F-HEMBA1006650	0.22
HEMBA1006812	F-HEMBA1006812	0.71
HEMBA100672	F-HEMBA100672	0.24
HEMBA1001197	F-HEMBA1001197	0.22
HEMBA1001871	F-HEMBA1001871	0.94
MAMMA1001252	F-MAMMA1001252	0.29
MAMMA1002094	F-MAMMA1002094	0.28
NT2RM4000634	F-NT2RM4000634	0.07
NT2RM4000657	F-NT2RM4000657	0.24
NT2RM4000783	F-NT2RM4000783	0.22
NT2RM4000857	F-NT2RM4000857	0.12
NT2RM4001178	F-NT2RM4001178	0.27
NT2RM4002420	F-NT2RM4002420	0.06
NT2RP2000198	F-NT2RP2000198	0.15
NT2RP2000551	F-NT2RP2000551	0.07
NT2RP2000660	F-NT2RP2000660	0.22
NT2RP2001214	F-NT2RP2001214	0.26
NT2RP2001460	F-NT2RP2001460	0.07
NT2RP2001756	F-NT2RP2001756	0.17

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	NT2RP2002056	F-NT2RP2002056	0.12
	NT2RP2002677	F-NT2RP2002677	0.14
5	NT2RP2002755	F-NT2RP2002755	0.12
	NT2RP2002843	F-NT2RP2002843	0.11
	NT2RP2003101	F-NT2RP2003101	0.13
	NT2RP2003799	F-NT2RP2003799	0.24
10	NT2RP2004095	F-NT2RP2004095	0.16
	NT2RP2004732	F-NT2RP2004732	0.18
	NT2RP2004920	F-NT2RP2004920	0.15
	NT2RP2005454	F-NT2RP2005454	0.09
15	NT2RP2005776	F-NT2RP2005776	0.19
	NT2RP2005806	F-NT2RP2005806	0.27
	NT2RP2005882	F-NT2RP2005882	0.11
20	NT2RP3001282	F-NT2RP3001282	0.39
	NT2RP3001723	F-NT2RP3001723	0.22
	NT2RP3002099	F-NT2RP3002099	0.20
	NT2RP3003155	F-NT2RP3003155	0.29
25	NT2RP3004028	F-NT2RP3004028	0.13
	OVARC1000008	F-OVARC1000008	0.23
	OVARC1000724	F-OVARC1000724	0.27
	OVARC1000751	F-OVARC1000751	0.28
30	OVARC1001029	F-OVARC1001029	0.25
	PLACE1000814	F-PLACE1000814	0.21
	PLACE1003030	F-PLACE1003030	0.26
	PLACE1005549	F-PLACE1005549	0.16
35	PLACE1007218	F-PLACE1007218	0.30

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Table 511

clone name	name of the 5'-end sequence	SEQ ID NO of the 5'-end sequence	name of the 3'-end sequence	SEQ ID NO of the 3'-end sequence
HEMBA1000497	F-HEMBA1000497	16111	R-HEMBA1000497	16165
HEMBA1001750	F-HEMBA1001750	16112	R-HEMBA1001750	16166
HEMBA1003854	F-HEMBA1003854	16113	R-HEMBA1003854	16167
HEMBA1004193	F-HEMBA1004193	16114	R-HEMBA1004193	16168
HEMBA1004860	F-HEMBA1004860	16115	R-HEMBA1004860	16169
HEMBA1005572	F-HEMBA1005572	16116	R-HEMBA1005572	16170
HEMBA1006038	F-HEMBA1006038	16117	R-HEMBA1006038	16171
HEMBA1006092	F-HEMBA1006092	16118	R-HEMBA1006092	16172
HEMBA1006406	F-HEMBA1006406	16119	R-HEMBA1006406	16173
HEMBA1006650	F-HEMBA1006650	16120	R-HEMBA1006650	16174
HEMBA1006812	F-HEMBA1006812	16121	R-HEMBA1006812	16175

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	HEMBB1000672	F-HEMBB1000672	16122	R-HEMBB1000672	16176
	HEMBB1001197	F-HEMBB1001197	16123	R-HEMBB1001197	16177
	HEMBB1001871	F-HEMBB1001871	16124	R-HEMBB1001871	16178
5	MAMMA1001252	F-MAMMA1001252	16125	R-MAMMA1001252	16179
	MAMMA1002094	F-MAMMA1002094	16126	R-MAMMA1002094	16180
	NT2RM4000634	F-NT2RM4000634	16127	R-NT2RM4000634	16181
	NT2RM4000657	F-NT2RM4000657	16128	R-NT2RM4000657	16182
10	NT2RM4000783	F-NT2RM4000783	16129	R-NT2RM4000783	16183
	NT2RM4000857	F-NT2RM4000857	16130	R-NT2RM4000857	16184
	NT2RM4001178	F-NT2RM4001178	16131	R-NT2RM4001178	16185
	NT2RM4002420	F-NT2RM4002420	16132	R-NT2RM4002420	16186
15	NT2RP2000198	F-NT2RP2000198	16133	R-NT2RP2000198	16187
	NT2RP2000551	F-NT2RP2000551	16134	R-NT2RP2000551	16188
	NT2RP2000660	F-NT2RP2000660	16135	R-NT2RP2000660	16189
20	NT2RP2001214	F-NT2RP2001214	16136	R-NT2RP2001214	16190
	NT2RP2001460	F-NT2RP2001460	16137	R-NT2RP2001460	16191
	NT2RP2001756	F-NT2RP2001756	16138	R-NT2RP2001756	16192
	NT2RP2002056	F-NT2RP2002056	16139	R-NT2RP2002056	16193
	NT2RP2002677	F-NT2RP2002677	16140	R-NT2RP2002677	16194
25	NT2RP2002755	F-NT2RP2002755	16141	R-NT2RP2002755	16195
	NT2RP2002843	F-NT2RP2002843	16142	R-NT2RP2002843	16196
	NT2RP2003101	F-NT2RP2003101	16143	R-NT2RP2003101	16197
30	NT2RP2003799	F-NT2RP2003799	16144	R-NT2RP2003799	16198
	NT2RP2004095	F-NT2RP2004095	16145	R-NT2RP2004095	16199
	NT2RP2004732	F-NT2RP2004732	16146	R-NT2RP2004732	16200
	NT2RP2004920	F-NT2RP2004920	16147	R-NT2RP2004920	16201
35	NT2RP2005454	F-NT2RP2005454	16148	R-NT2RP2005454	16202
	NT2RP2005776	F-NT2RP2005776	16149	R-NT2RP2005776	16203
	NT2RP2005806	F-NT2RP2005806	16150	R-NT2RP2005806	16204
	NT2RP2005882	F-NT2RP2005882	16151	R-NT2RP2005882	16205
40	NT2RP3001282	F-NT2RP3001282	16152	R-NT2RP3001282	16206
	NT2RP3001723	F-NT2RP3001723	16153	R-NT2RP3001723	16207
	NT2RP3002099	F-NT2RP3002099	16154	R-NT2RP3002099	16208
	NT2RP3003155	F-NT2RP3003155	16155	R-NT2RP3003155	16209
45	NT2RP3004028	F-NT2RP3004028	16156	R-NT2RP3004028	16210
	OVARC1000008	F-OVARC1000008	16157	R-OVARC1000008	16211
	OVARC1000724	F-OVARC1000724	16158	R-OVARC1000724	16212
	OVARC1000751	F-OVARC1000751	16159	R-OVARC1000751	16213
50	OVARC1001029	F-OVARC1001029	16160	R-OVARC1001029	16214
	PLACE1000814	F-PLACE1000814	16161	R-PLACE1000814	16215
	PLACE1003030	F-PLACE1003030	16162	R-PLACE1003030	16216
	PLACE1005549	F-PLACE1005549	16163	R-PLACE1005549	16217
55	PLACE1007218	F-PLACE1007218	16164	R-PLACE1007218	16218

EXAMPLE 17

Search for a signal sequence, transmembrane region and functional domain in deduced amino acid sequences

5 **[0252]** The deduced amino acid sequences from the full-length nucleotide sequences were examined to predict the presence of a signal sequence in their amino-termini as well as the presence of a transmembrane region. The amino acid sequences were also searched for a protein functional domain (motif). The examinations for a signal sequence in the amino-terminus, for a transmembrane region and for a functional domain were performed by using PSORT [K. Nakai & M. Kanehisa, Genomics, 14:897-911 (1992)], SOSUI [T. Hirokawa et al., Bioinformatics, 14:378-379 (1998)]
 10 (Mitsui Knowledge Industry Co., Ltd.) and Pfam (<http://www.sanger.ac.uk/Software/Pfam/index.shtml>), respectively. When the presence of a signal sequence or a transmembrane region in the amino-terminus was predicted in the amino acid sequence by PSORT or SOSUI, the protein was predicted to be a secretory protein or a membrane protein. When the amino acid sequence matched a functional domain in the Pfam search for a functional domain, the function of the protein is predictable based on the matching data, for example, by referring to the functional categories in PROSITE (<http://www.expasy.ch/cgi-bin/prosite-list.pl>). The functional domain search can be performed by using PROSITE instead of Pfam.

[0253] Search results obtained by using the respective software programs are indicated below.

[0254] Clones whose deduced amino acid sequences were predicted to have signal sequences by PSORT search are as follows:

20 HEMBA1001052, HEMBA1001407, HEMBA1002486, HEMBA1002661, HEMBA1002818, HEMBA1002876,
 HEMBA1003086, HEMBA1003711, HEMBA1004752, HEMBA1005991, HEMBA1006067, HEMBA1006173,
 HEMBA1006198, HEMBA1006789, HEMBA1006921, HEMBB1000054, HEMBB1000175, HEMBB1002692,
 MAMMA1000798, MAMMA1002427, MAMMA1002881, MAMMA1003035, NT2RM1000035, NT2RM1000742,
 NT2RM1000811, NT2RM1000905, NT2RM1001008, NT2RM2000287, NT2RM2000609, NT2RM2001613,
 25 NT2RM4000634, NT2RM4000778, NT2RM4002339, NT2RM4002460, NT2RP1000782, NT2RP1000856,
 NT2RP1001247, NT2RP1001546, NT2RP1001569, NT2RP2001597, NT2RP2002537, NT2RP2004142,
 NT2RP2005752, NT2RP2005812, NT2RP3003242, NT2RP3001084, NT2RP3002163, NT2RP3002650,
 NT2RP3003145, NT2RP3003242, NT2RP3003621, NT2RP3004282, NT2RP3004503, NT2RP4000051,
 NT2RP4000151, NT2RP4000243, NT2RP4000259, NT2RP4000323, NT2RP4000417, NT2RP4001064,
 30 NT2RP4001117, NT2RP4001730, NT2RP4001739, NT2RP4002075, NT2RP5003500, OVARC1001154,
 PLACE1000611, PLACE1003030, PLACE1003044, PLACE1003369, PLACE1003596, PLACE1004258,
 PLACE1005086, PLACE1006239, PLACE1006754, PLACE1006829, PLACE1007954, PLACE1008424,
 PLACE1008533, PLACE1008693, PLACE1010622, PLACE1010942, PLACE2000176, PLACE2000341,
 PLACE2000379, PLACE2000427, PLACE2000477, PLACE4000431, PLACE4000593, THYRO1000156,
 35 THYRO1001134, THYRO1001287, Y79AA1000258, Y79AA1001874, Y79AA1002399, HEMBB1001871,
 HEMBB1001925, MAMMA1000778, MAMMA1000897, MAMMA1001080, NT2RP2004300, NT2RP3002985,
 NT2RP3003059, OVARC1000689, OVARC1000890, PLACE1005162, PLACE3000399, PLACE3000455,
 PLACE4000247, PLACE4000259, PLACE4000494

[0255] Clones whose deduced amino acid sequences were predicted to have transmembrane regions by SOSUI search are as follows:

40 HEMBA1000005, HEMBA1000356, HEMBA1000518, HEMBA1000531, HEMBA1000637, HEMBA1000719,
 HEMBA1000817, HEMBA1000822, HEMBA1000870, HEMBA1000991, HEMBA1001052, HEMBA1001085,
 HEMBA1001286, HEMBA1001351, HEMBA1001407, HEMBA1001446, HEMBA1001510, HEMBA1001515,
 HEMBA1001557, HEMBA1001746, HEMBA1002092, HEMBA1002125, HEMBA1002150, HEMBA1002166,
 45 HEMBA1002462, HEMBA1002477, HEMBA1002486, HEMBA1002609, HEMBA1002659, HEMBA1002661,
 HEMBA1002780, HEMBA1002818, HEMBA1002876, HEMBA1002921, HEMBA1003077, HEMBA1003079,
 HEMBA1003086, HEMBA1003096, HEMBA1003281, HEMBA1003286, HEMBA1003711, HEMBA1003742,
 HEMBA1003803, HEMBA1004143, HEMBA1004146, HEMBA1004341, HEMBA1004461, HEMBA1004577,
 HEMBA1004637, HEMBA1004752, HEMBA1004756, HEMBA1004850, HEMBA1004889, HEMBA1004923,
 50 HEMBA1004930, HEMBA1005029, HEMBA1005035, HEMBA1005050, HEMBA1005552, HEMBA1005588,
 HEMBA1005616, HEMBA1005991, HEMBA1006036, HEMBA1006067, HEMBA1006293, HEMBA1006492,
 HEMBA1006502, HEMBA1006659, HEMBA1006758, HEMBA1006789, HEMBA1006921, HEMBA1006926,
 HEMBA1007203, HEMBB1000050, HEMBB1000054, HEMBB1000556, HEMBB1000593, HEMBB1000631,
 HEMBB1000763, HEMBB1000827, HEMBB1000915, HEMBB1000975, HEMBB1001112, HEMBB1001177,
 55 HEMBB1001302, HEMBB1001348, HEMBB1001962, HEMBB1002142, HEMBB1002190, HEMBB1002247,
 HEMBB1002387, HEMBB1002550, HEMBB1002600, HEMBB1002692, MAMMA1000129, MAMMA1000133,
 MAMMA1000277, MAMMA1000278, MAMMA1000410, MAMMA1000416, MAMMA1000472, MAMMA1000714,
 MAMMA1000731, MAMMA1000734, MAMMA1000798, MAMMA1000842, MAMMA1000956, MAMMA1001008,

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	MAMMA1001030,	MAMMA1001139,	MAMMA1001154,	MAMMA1001388,	MAMMA1001411,	MAMMA1001487,
	MAMMA1001751,	MAMMA1001771,	MAMMA1002461,	MAMMA1002524,	MAMMA1002598,	MAMMA1002684,
	MAMMA1002769,	MAMMA1002890,	MAMMA1002938,	MAMMA1003146,	NT2RM1000035,	NT2RM1000037,
5	NT2RM1000062,	NT2RM1000131,	NT2RM1000257,	NT2RM1000260,	NT2RM1000355,	NT2RM1000648,
	NT2RM1000742,	NT2RM1000800,	NT2RM1000811,	NT2RM1000857,	NT2RM1000867,	NT2RM1000882,
	NT2RM1001008,	NT2RM1001115,	NT2RM1001139,	NT2RM2000259,	NT2RM2000395,	NT2RM2000402,
	NT2RM2000407,	NT2RM2000422,	NT2RM2000566,	NT2RM2000581,	NT2RM2000609,	NT2RM2001370,
	NT2RM2001393,	NT2RM2001499,	NT2RM2001613,	NT2RM2001648,	NT2RM2001659,	NT2RM2001671,
10	NT2RM2001718,	NT2RM2001760,	NT2RM2001785,	NT2RM2001823,	NT2RM2001930,	NT2RM2001950,
	NT2RM2001998,	NT2RM2002049,	NT2RM4000046,	NT2RM4000233,	NT2RM4000433,	NT2RM4000520,
	NT2RM4000634,	NT2RM4000674,	NT2RM4000700,	NT2RM4000764,	NT2RM4000795,	NT2RM4000820,
	NT2RM4000857,	NT2RM4001032,	NT2RM4001054,	NT2RM4001455,	NT2RM4001813,	NT2RM4001930,
	NT2RM4001987,	NT2RM4002054,	NT2RM4002073,	NT2RM4002145,	NT2RM4002146,	NT2RM4002194,
	NT2RM4002339,	NT2RM4002438,	NT2RM4002446,	NT2RM4002452,	NT2RM4002460,	NT2RM4002493,
15	NT2RM4002571,	NT2RP1000191,	NT2RP1000358,	NT2RP1000418,	NT2RP1000547,	NT2RP1000609,
	NT2RP1000677,	NT2RP1000767,	NT2RP1000782,	NT2RP1000856,	NT2RP1001113,	NT2RP1001247,
	NT2RP1001286,	NT2RP1001310,	NT2RP1001311,	NT2RP1001313,	NT2RP1001385,	NT2RP1001449,
	NT2RP1001546,	NT2RP1001569,	NT2RP2000032,	NT2RP2000040,	NT2RP2000070,	NT2RP2000091,
20	NT2RP2000114,	NT2RP2000120,	NT2RP2000173,	NT2RP2000175,	NT2RP2000195,	NT2RP2000248,
	NT2RP2000287,	NT2RP2000283,	NT2RP2000289,	NT2RP2000459,	NT2RP2000516,	NT2RP2000842,
	NT2RP2000892,	NT2RP2001081,	NT2RP2001268,	NT2RP2001295,	NT2RP2001366,	NT2RP2001576,
	NT2RP2001581,	NT2RP2001597,	NT2RP2001947,	NT2RP2001991,	NT2RP2002025,	NT2RP2002312,
	NT2RP2002385,	NT2RP2002479,	NT2RP2002537,	NT2RP2002643,	NT2RP2002701,	NT2RP2002740,
	NT2RP2002857,	NT2RP2003125,	NT2RP2003297,	NT2RP2003433,	NT2RP2003446,	NT2RP2003466,
25	NT2RP2003629,	NT2RP2003777,	NT2RP2003781,	NT2RP2004041,	NT2RP2004194,	NT2RP2004270,
	NT2RP2004681,	NT2RP2004775,	NT2RP2004799,	NT2RP2004936,	NT2RP2005012,	NT2RP2005159,
	NT2RP2005227,	NT2RP2005270,	NT2RP2005344,	NT2RP2005509,	NT2RP2005752,	NT2RP2005781,
	NT2RP2005784,	NT2RP2005812,	NT2RP2006069,	NT2RP2006100,	NT2RP2006141,	NT2RP2006261,
30	NT2RP2006571,	NT2RP3000092,	NT2RP3000134,	NT2RP3000333,	NT2RP3000393,	NT2RP3000439,
	NT2RP3000441,	NT2RP3000531,	NT2RP3000685,	NT2RP3000826,	NT2RP3000852,	NT2RP3001126,
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	NT2RP3001943,	NT2RP3001944,	NT2RP3002002,	NT2RP3002014,	NT2RP3002054,	NT2RP3002108,
	NT2RP3002163,	NT2RP3002351,	NT2RP3002455,	NT2RP3002549,	NT2RP3002628,	NT2RP3002650,
35	NT2RP3002687,	NT2RP3002701,	NT2RP3002869,	NT2RP3002969,	NT2RP3003008,	NT2RP3003071,
	NT2RP3003101,	NT2RP3003145,	NT2RP3003302,	NT2RP3003353,	NT2RP3003409,	NT2RP3003716,
	NT2RP3003918,	NT2RP3004207,	NT2RP3004454,	NT2RP3004503,	NT2RP4000051,	NT2RP4000151,
	NT2RP4000243,	NT2RP4000259,	NT2RP4000323,	NT2RP4000500,	NT2RP4000560,	NT2RP4000588,
	NT2RP4000713,	NT2RP4000724,	NT2RP4000833,	NT2RP4000878,	NT2RP4000907,	NT2RP4000925,
40	NT2RP4000928,	NT2RP4000973,	NT2RP4000989,	NT2RP4001057,	NT2RP4001064,	NT2RP4001079,
	NT2RP4001117,	NT2RP4001138,	NT2RP4001150,	NT2RP4001174,	NT2RP4001274,	NT2RP4001345,
	NT2RP4001372,	NT2RP4001373,	NT2RP4001379,	NT2RP4001498,	NT2RP4001547,	NT2RP4001571,
	NT2RP4001644,	NT2RP4001677,	NT2RP4001803,	NT2RP4001822,	NT2RP4001975,	NT2RP4002052,
	NT2RP4002075,	NT2RP5003500,	NT2RP5003506,	NT2RP5003522,	NT2RP5003534,	OVARC1000151,
45	OVARC1000241,	OVARC1000335,	OVARC1000700,	OVARC1000722,	OVARC1000751,	OVARC1000850,
	OVARC1000924,	OVARC1000936,	OVARC1000959,	OVARC1000984,	OVARC1001034,	OVARC1001129,
	OVARC1001381,	OVARC1001391,	OVARC1001453,	OVARC1001476,	OVARC1001506,	OVARC1001610,
	OVARC1001702,	OVARC1001703,	OVARC1001713,	OVARC1001745,	OVARC1001767,	OVARC1002127,
	OVARC1002158,	OVARC1002165,	PLACE1000014,	PLACE1000401,	PLACE1000562,	PLACE1000611,
50	PLACE1000656,	PLACE1000712,	PLACE1000909,	PLACE1000948,	PLACE1001241,	PLACE1001257,
	PLACE1001377,	PLACE1001517,	PLACE1001610,	PLACE1001771,	PLACE1001817,	PLACE1001983,
	PLACE1002213,	PLACE1002395,	PLACE1002500,	PLACE1002714,	PLACE1002722,	PLACE1002794,
	PLACE1002851,	PLACE1002908,	PLACE1003045,	PLACE1003238,	PLACE1003296,	PLACE1003369,
	PLACE1003493,	PLACE1003537,	PLACE1003553,	PLACE1003768,	PLACE1003771,	PLACE1003903,
55	PLACE1004197,	PLACE1004258,	PLACE1004270,	PLACE1004289,	PLACE1004473,	PLACE1004743,
	PLACE1004840,	PLACE1004969,	PLACE1005086,	PLACE1005206,	PLACE1005313,	PLACE1005530,
	PLACE1005595,	PLACE1005623,	PLACE1005763,	PLACE1005884,	PLACE1005934,	PLACE1006225,
	PLACE1006754,	PLACE1006901,	PLACE1006935,	PLACE1006956,	PLACE1007014,	PLACE1007111,

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	PLACE1007243,	PLACE1007274,	PLACE1007282,	PLACE1007317,	PLACE1007375,	PLACE1007386,
	PLACE1007409,	PLACE1007484,	PLACE1007583,	PLACE1007632,	PLACE1007645,	PLACE1007852,
	PLACE1007877,	PLACE1008331,	PLACE1008424,	PLACE1008531,	PLACE1008532,	PLACE1008568,
	PLACE1008715,	PLACE1009045,	PLACE1009319,	PLACE1009338,	PLACE1009368,	PLACE1009493,
5	PLACE1009639,	PLACE1009708,	PLACE1009731,	PLACE1010089,	PLACE1010231,	PLACE1010321,
	PLACE1010622,	PLACE1010811,	PLACE1010917,	PLACE1010954,	PLACE1011090,	PLACE1011214,
	PLACE1011221,	PLACE1011399,	PLACE1011492,	PLACE1011646,	PLACE1011749,	PLACE2000034,
	PLACE2000111,	PLACE2000176,	PLACE2000187,	PLACE2000341,	PLACE2000379,	PLACE2000425,
	PLACE2000458,	PLACE3000020,	PLACE3000218,	PLACE3000226,	PLACE3000244,	PLACE3000413,
10	PLACE4000052,	PLACE4000129,	PLACE4000300,	PLACE4000387,	PLACE4000581,	PLACE4000593,
	PLACE4000650,	THYRO1000394,	THYRO1000395,	THYRO1000570,	THYRO1000748,	THYRO1000756,
	THYRO1001134,	THYRO1001271,	THYRO1001401,	THYRO1001534,	THYRO1001541,	THYRO1001809,
	Y79AA1000258,	Y79AA1000420,	Y79AA1000469,	Y79AA1000734,	Y79AA1000800,	Y79AA1000976,
	Y79AA1001023,	Y79AA1001177,	Y79AA1001394,	Y79AA1001603,	Y79AA1001647,	Y79AA1001846,
15	Y79AA1001874,	Y79AA1002139,	Y79AA1002351,	Y79AA1002399,	Y79AA1002416	HEMBA1004055,
	HEMBA1001630,	HEMBA1001872,	HEMBA1002044,	HEMBA1002383,	MAMMA1000778,	MAMMA1000859,
	MAMMA1000897,	MAMMA1001073,	MAMMA1002009,	MAMMA1002844,	MAMMA1002947,	MAMMA1003089,
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	NT2RP3002810,	NT2RP3002985,	NT2RP3003059,	NT2RP3003576,	NT2RP3003665,	NT2RP3003799,
20	NT2RP3003828,	NT2RP3003992,	NT2RP3004051,	NT2RP3004155,	OVARC1000890,	OVARC1001117,
	OVARC1001329,	PLACE1001761,	PLACE1002437,	PLACE1004793,	PLACE1005611,	PLACE1005898,
	PLACE1009935,	PLACE1011896,	PLACE2000132,	PLACE2000335,	PLACE3000373,	PLACE3000406,
	PLACE4000250,	PLACE4000487,	PLACE4000494,	THYRO1001320,	THYRO1001537,	THYRO1001828,
	Y79AA1001384					

25 **[0256]** Names of clones whose deduced amino acid sequences were predicted to have functional domains by Pfam search, and names of the matched functional domains are shown below.
When multiple functional domains matched a clone, each domain name was indicated, separated by a double-slash mark, //.

30	HEMBA1000005//DnaJ, prokaryotic heat shock protein
	HEMBA1000020//Tubulin
	HEMBA1000129//Helicases conserved C-terminal domain
	HEMBA1000156//RNA recognition motif. (aka RRM, RBD, or RNP domain)
	HEMBA1000158//Fork head domain, eukaryotic transcription factors //Zinc finger, C2H2 type
35	HEMBA1000303//Src homology domain 3 //Zinc finger, C3HC4 type (RING finger)
	HEMBA1000411//Ank repeat
	HEMBA1000491//Ras family (contains ATP/GTP binding P-loop)
	HEMBA1000531//Heat shock hsp70 proteins
	HEMBA1000561//Zinc finger, C2H2 type
40	HEMBA1000608//Src homology domain 3
	HEMBA1000919//WD domain, G-beta repeats
	HEMBA1001043//Ank repeat
	HEMBA1001088//LIM domain containing proteins
	HEMBA1001137//Zinc finger, C2H2 type
45	HEMBA1001174//ADP-ribosylation factors (Arf family) (contains ATP/GTP binding P-loop)
	HEMBA1001247//WW/rsp5/WWP domain containing proteins
	HEMBA1001286//Sushi domain
	HEMBA1001510//Basic region plus leucine zipper transcription factors
	HEMBA1001515//Reverse transcriptase (RNA-dependent DNA polymerase)
50	HEMBA1001661//Cadherin
	HEMBA1001723//WD domain, G-beta repeats
	HEMBA1001744//Eukaryotic protein kinase domain
	HEMBA1001804//Zinc finger, C2H2 type
	HEMBA1001819//Zinc finger, C2H2 type
55	HEMBA1001847//Zinc finger, C2H2 type
	HEMBA1002035//Bromodomain
	HEMBA1002102//Ank repeat
	HEMBA1002161//Myosin head (motor domain) (contains ATP/GTP binding P-loop)

HEMBA1002177//GATA family of transcription factors //Zinc finger, C2H2 type
 HEMBA1002212//Eukaryotic protein kinase domain
 HEMBA1002215//LIM domain containing proteins
 HEMBA1002419//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 5 HEMBA1002547//Kazal-type serine protease inhibitor domain //Laminin EGF-like (Domains III and V)
 HEMBA1002768//Src homology domain 3
 HEMBA1002810//WW/rsp5/WWP domain containing proteins
 HEMBA1002818//EGF-like domain
 HEMBA1002935//Zinc finger, C2H2 type
 10 HEMBA1002939//Ank repeat
 HEMBA1002973//3'5'-cyclic nucleotide phosphodiesterases
 HEMBA1003077//Fibronectin type III domain
 HEMBA1003250//Eukaryotic protein kinase domain
 HEMBA1003257//Zinc finger, C2H2 type
 15 HEMBA1003281//IG superfamily
 HEMBA1003291//Eukaryotic protein kinase domain
 HEMBA1003433//Forkhead-associated (FHA) domain
 HEMBA1003545//Homeobox domain //LIM domain containing proteins
 HEMBA1003591//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 20 HEMBA1003684//Zinc finger, C2H2 type
 HEMBA1003953//Zinc finger, C2H2 type
 HEMBA1004202//Ras family (contains ATP/GTP binding P-loop)
 HEMBA1004227//Protein phosphatase 2C
 HEMBA1004321//Zinc finger, C2H2 type
 25 HEMBA1004356//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 HEMBA1004408//Peptidyl-prolyl cis-trans isomerases
 HEMBA1004596//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 HEMBA1004734//Ubiquitin-conjugating enzymes
 HEMBA1004973//Fibronectin type III domain
 30 HEMBA1005009//Actins
 HEMBA1005101//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 HEMBA1005581//EGF-like domain //Laminin G domain
 HEMBA1005732//Polyprenyl synthetases
 HEMBA1005737//EF hand
 35 HEMBA1006248//Zinc finger, C2H2 type
 HEMBA1006284//Ubiquitin family
 HEMBA1006293//IG superfamily
 HEMBA1006344//Band 4.1 family
 HEMBA1006445//Ras family (contains ATP/GTP binding P-loop)
 40 HEMBA1006492//Ank repeat
 HEMBA1006559//Zinc finger, C3HC4 type (RING finger)
 HEMBA1006708//WD domain, G-beta repeats
 HEMBA1006737//Ank repeat
 HEMBA1006758//Cadherin
 45 HEMBA1006941//Thioredoxins
 HEMBA1007243//Purine/pyrimidine phosphoribosyl transferases
 HEMBA1007300//3'5'-cyclic nucleotide phosphodiesterases
 HEMBB1000083//IG superfamily
 HEMBB1000317//EGF-like domain //Thrombospondin type 1 domain
 50 HEMBB1000556//Actinin-type actin-binding domain containing proteins //LIM domain containing proteins
 HEMBB1000725//Ras family (contains ATP/GTP binding P-loop)
 HEMBB1000781//Eukaryotic protein kinase domain
 HEMBB1000915//Thrombospondin type 1 domain
 HEMBB1000927//EF hand
 55 HEMBB1000947//Double-stranded RNA binding motif
 HEMBB1001112//eubacterial secY protein
 HEMBB1001175//Ank repeat
 HEMBB1001234//WW/rsp5/WWP domain containing proteins

HEMBB1001282//Ank repeat
 HEMBB1001294//Ras family (contains ATP/GTP binding P-loop)
 HEMBB1001339//Forkhead-associated (FHA) domain
 HEMBB1001673//Forkhead-associated (FHA) domain //Zinc finger, C3HC4 type (RING finger)
 5 HEMBB1001802//Intermediate filament proteins
 HEMBB1001839//Zinc finger, C2H2 type
 HEMBB1002217//Zinc finger, C2H2 type
 HEMBB1002342//Thioredoxins
 HEMBB1002600//4 transmembrane segments integral membrane proteins
 10 MAMMA1000173//Src homology domain 3
 MAMMA1000388//Zinc finger, C2H2 type
 MAMMA1000402//Reverse transcriptase (RNA-dependent DNA polymerase)
 MAMMA1000612//WD domain, G-beta repeats
 MAMMA1000672//Serine carboxypeptidases
 15 MAMMA1000731//SNF2 and others N-terminal domain
 MAMMA1001008//Eukaryotic aspartyl proteases
 MAMMA1001041//Actinin-type actin-binding domain containing proteins
 MAMMA1001059//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 MAMMA1001105//Zinc finger, C2H2 type
 20 MAMMA1001260//Zinc finger, C3HC4 type (RING finger)
 MAMMA1001576//Tubulin
 MAMMA1001735//Tubulin
 MAMMA1001768//ATPases associated with various cellular activities (AAA)
 MAMMA1001837//Zinc finger, C2H2 type
 25 MAMMA1002170//Ribosomal protein S5
 MAMMA1002385//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 MAMMA1002619//Ubiquitin carboxyl-terminal hydrolases family 2
 MAMMA1002637//Kinesin light chain repeat
 MAMMA1002650//Zinc finger, C2H2 type
 30 MAMMA1002671//AMP-binding enzymes
 MAMMA1002869//LIM domain containing proteins
 MAMMA1002881//SCP-like extracellular Proteins
 MAMMA1002937//Zinc finger, C2H2 type
 MAMMA1002938//Multicopper oxidases
 35 MAMMA1003011//Core histones H2A, H2B, H3 and H4
 MAMMA1003057//WD domain, G-beta repeats
 MAMMA1003127//Myosin head (motor domain) (contains ATP/GTP binding P-loop)
 NT2RM1000086//Zinc finger, C3HC4 type (RING finger)
 NT2RM1000199//CUB domain //Sushi domain
 40 NT2RM1000256//Glutamine amidotransferases class-II
 NT2RM1000499//Ank repeat
 NT2RM1000555//'Cold-shock' DNA-binding domain containing proteins
 NT2RM1000666//'Cold-shock' DNA-binding domain containing proteins //Zinc finger, CCHC class
 NT2RM1000772//WD domain, G-beta repeats
 45 NT2RM1000826//'Cold-shock' DNA-binding domain containing proteins
 NT2RM1000850//Ank repeat //Eukaryotic protein kinase domain
 NT2RM1000852//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RM1000882//Heme-binding domain in cytochrome b5 and oxidoreductases
 NT2RM1000885//Zinc finger, C3HC4 type (RING finger)
 50 NT2RM1001059//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RM1001072//C2 domain //Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-
 specific phospholipase C, Y domain
 NT2RM2000092//Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RM2000101//Zinc finger, C3HC4 type (RING finger)
 55 NT2RM2000191//3'5'-cyclic nucleotide phosphodiesterases
 NT2RM2000422//Sodium:neurotransmitter symporter family
 NT2RM2000490//C2 domain
 NT2RM2000566//Integrins alpha chain

NT2RM2000577//tRNA synthetases class I
 NT2RM2000594//C-5 cytosine-specific DNA methylases
 NT2RM2000691//Actins
 NT2RM2000735//Zinc finger, C2H2 type
 5 NT2RM2000740//Helicases conserved C-terminal domain
 NT2RM2000951//FGGY family of carbohydrate kinases
 NT2RM2001324//LIM domain containing proteins
 NT2RM2001499//Amino acid permeases
 NT2RM2001547//DnaJ, prokaryotic heat shock protein //Thioredoxins
 10 NT2RM2001613//eubacterial secY protein
 NT2RM2001670//Zinc finger, C2H2 type
 NT2RM2001700//Acyl-CoA dehydrogenases
 NT2RM2001730//Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RM2001813//WD domain, G-beta repeats
 15 NT2RM2001823//Helicases conserved C-terminal domain //SNF2 and others N-terminal domain
 NT2RM2001896//Cytochrome C oxidase subunit II
 NT2RM2001989//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RM2001997//Thioredoxins
 NT2RM2002088//KH domain family of RNA binding proteins
 20 NT2RM2002100//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RM2002109//IG superfamily
 NT2RM4000046//Zinc finger, C3HC4 type (RING finger)
 NT2RM4000104//Zinc finger, C2H2 type
 NT2RM4000167//Kinesin motor domain
 25 NT2RM4000191//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RM4000202//Zinc finger, C2H2 type
 NT2RM4000229//PH (pleckstrin homology) domain
 NT2RM4000344//ATPases associated with various cellular activities (AAA)
 NT2RM4000356//Ras family (contains ATP/GTP binding P-loop)
 30 NT2RM4000471//Aminotransferases class-V
 NT2RM4000496//ATPases associated with various cellular activities (AAA)
 NT2RM4000611//WD domain, G-beta repeats
 NT2RM4000657//C2 domain //Phosphatidylinositol-specific phospholipase C, Y domain
 NT2RM4000712//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 35 NT2RM4000733//Forkhead-associated (FHA) domain
 NT2RM4000734//Zinc finger, C2H2 type
 NT2RM4000751//Zinc finger, C2H2 type
 NT2RM4000795//Carboxylesterases
 NT2RM4000996//Zinc finger, C2H2 type
 40 NT2RM4001054//eubacterial secY protein
 NT2RM4001140//Homeobox domain
 NT2RM4001178//DEAD and DEAH box helicases
 NT2RM4001200//Zinc finger, C2H2 type
 NT2RM4001313//Phosphatidylinositol 3- and 4-kinases
 45 NT2RM4001316//Acyl-CoA dehydrogenases
 NT2RM4001320//Src homology domain 3
 NT2RM4001411//PH (pleckstrin homology) domain //Src homology domain 2
 NT2RM4001454//PH (pleckstrin homology) domain
 NT2RM4001483//Zinc finger, C2H2 type
 50 NT2RM4001629//Src homology domain 3
 NT2RM4001758//Eukaryotic protein kinase domain
 NT2RM4001810//Zinc finger, C2H2 type
 NT2RM4001813//Lectin C-type domain short and long forms
 NT2RM4001823//Zinc finger, C2H2 type
 55 NT2RM4001828//Zinc finger, C2H2 type
 NT2RM4001979//Zinc finger, C2H2 type
 NT2RM4001987//IG superfamily
 NT2RM4002013//WD domain, G-beta repeats

NT2RM4002073//AMP-binding enzymes
 NT2RM4002093//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RM4002145//IG superfamily
 NT2RM4002287//Fibronectin type III domain
 5 NT2RM4002527//WD domain, G-beta repeats
 NT2RM4002623//tRNA synthetases class II
 NT2RP1000101//Zinc finger, C2H2 type
 NT2RP1000202//Ank repeat
 NT2RP1000272//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 10 NT2RP1000363//PH (pleckstrin homology) domain
 NT2RP1000376//Ank repeat
 NT2RP1000470//DEAD and DEAH box helicases
 NT2RP1000478//Tubulin
 NT2RP1000522//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 15 NT2RP1000677//Kazal-type serine protease inhibitor domain
 NT2RP1000701//WD domain, G-beta repeats
 NT2RP1000733//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP1000782//4 transmembrane segments integral membrane proteins
 NT2RP1000833//3'5'-cyclic nucleotide phosphodiesterases
 20 NT2RP1000856//4 transmembrane segments integral membrane proteins
 NT2RP1000947//Ubiquitin-conjugating enzymes
 NT2RP1000959//60s Acidic ribosomal protein
 NT2RP1000966//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP1001033//Tubulin
 25 NT2RP1001080//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP1001177//Core histones H2A, H2B, H3 and H4
 NT2RP1001247//Transforming growth factor beta like domain
 NT2RP1001294//WD domain, G-beta repeats
 NT2RP1001302//WD domain, G-beta repeats
 30 NT2RP1001313//Heme-binding domain in cytochrome b5 and oxidoreductases
 NT2RP1001457//WD domain, G-beta repeats
 NT2RP1001546//4 transmembrane segments integral membrane proteins
 NT2RP2000008//Zinc finger, C2H2 type
 NT2RP2000040//C2 domain
 35 NT2RP2000045//DnaJ, prokaryotic heat shock protein
 NT2RP2000054//Zinc finger, C3HC4 type (RING finger)
 NT2RP2000070//Cadherin
 NT2RP2000126//Helicases conserved C-terminal domain //SNF2 and others N-terminal domain
 NT2RP2000153//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 40 NT2RP2000224//PH (pleckstrin, homology) domain
 NT2RP2000257//Mitochondrial carrier proteins
 NT2RP2000329//Adenylate kinases
 NT2RP2000414//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP2000448//PH (pleckstrin homology) domain
 45 NT2RP2000660//ATPases associated with various cellular activities (AAA)
 NT2RP2000668//Eukaryotic protein kinase domain
 NT2RP2000710//tRNA synthetases class II
 NT2RP2000764//Aminotransferases class-V
 NT2RP2000842//7 transmembrane receptor (rhodopsin family)
 50 NT2RP2000880//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP2000931//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP2000932//Ank repeat
 NT2RP2001081//C2 domain
 NT2RP2001174//Zinc finger, C2H2 type
 55 NT2RP2001397//Cyclins
 NT2RP2001520//Mitochondrial carrier proteins
 NT2RP2001597//Zinc finger, C3HC4 type (RING finger)
 NT2RP2001740//Ubiquitin carboxyl-terminal hydrolases family 2

NT2RP2001748//Polyprenyl synthetases
 NT2RP2001756//Zinc finger, C2H2 type
 NT2RP2001839//Eukaryotic protein kinase domain
 NT2RP2001900//Actins
 5 NT2RP2001991//Sodium:neurotransmitter symporter family
 NT2RP2002058//WD domain, G-beta repeats
 NT2RP2002124//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP2002185//Ubiquitin family
 NT2RP2002208//Zinc finger, C3HC4 type (RING finger)
 10 NT2RP2002256//Cytochrome P450
 NT2RP2002479//ABC transporters
 NT2RP2002503//Zinc finger, C2H2 type
 NT2RP2002520//Ank repeat
 NT2RP2002591//Zinc finger, C2H2 type
 15 NT2RP2002741//Src homology domain 3
 NT2RP2002929//WD domain, G-beta repeats
 NT2RP2002939//Zinc finger, C2H2 type
 NT2RP2002959//Ubiquitin-conjugating enzymes
 NT2RP2002980//Ribosomal protein S10
 20 NT2RP2003137//Ubiquitin family
 NT2RP2003164//Eukaryotic protein kinase domain
 NT2RP2003228//MCM2/3/5 family
 NT2RP2003243//Fibronectin type III domain
 NT2RP2003272//Ubiquitin family
 25 NT2RP2003307//Kinesin light chain repeat
 NT2RP2003401//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases, family 2
 NT2RP2003433//eubacterial secY protein
 NT2RP2003480//Zinc finger, C2H2 type
 NT2RP2003713//Ubiquitin carboxyl-terminal hydrolases family 2
 30 NT2RP2003737//Ubiquitin-conjugating enzymes
 NT2RP2003777//Zinc finger, C3HC4 type (RING finger)
 NT2RP2003840//Ubiquitin-conjugating enzymes
 NT2RP2003857//Ank repeat
 NT2RP2003981//Zinc finger, C3HC4 type (RING finger)
 35 NT2RP2004170//WD domain, G-beta repeats
 NT2RP2004187//Zinc finger, C2H2 type
 NT2RP2004232//Phorbol esters / diacylglycerol binding domain //PH (pleckstrin homology) domain //Eukaryotic
 protein kinase domain
 NT2RP2004389//Ribosomal protein S9
 40 NT2RP2004538//PH (pleckstrin homology) domain
 NT2RP2004568//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP2004710//WW/rsp5/WWP domain containing proteins
 NT2RP2004768//Eukaryotic protein kinase domain
 NT2RP2004933//Eukaryotic protein kinase domain
 45 NT2RP2004961//Zinc finger, C2H2 type
 NT2RP2005003//Zinc finger, C3HC4 type (RING finger)
 NT2RP2005012//DnaJ, prokaryotic heat shock protein
 NT2RP2005126//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP2005139//Ank repeat
 50 NT2RP2005140//PH (pleckstrin homology) domain
 NT2RP2005239//Aminotransferases class-V
 NT2RP2005288//Regulator of chromosome condensation (RCC1)
 NT2RP2005293//PH (pleckstrin homology) domain
 NT2RP2005325//Homeobox domain //LIM domain containing proteins
 55 NT2RP2005344//E1-E2 ATPases
 NT2RP2005465//Mitochondrial carrier proteins
 NT2RP2005525//Forkhead-associated (FHA) domain
 NT2RP2005531//Band 4.1 family

NT2RP2005557//Bacterial mutT protein
 NT2RP2005654//DnaJ, prokaryotic heat shock protein
 NT2RP2005701//Zinc finger, C3HC4 type (RING finger)
 NT2RP2005722//Zinc finger, C2H2 type
 5 NT2RP2005752//TNFR/NGFR cysteine-rich region
 NT2RP2005763//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 NT2RP2005767//HMG (high mobility group) box
 NT2RP2006312//HMG (high mobility group) box
 NT2RP2006464//HMG (high mobility group) box
 10 NT2RP2006571//Cytochrome P450
 NT2RP3000050//Zinc finger, C2H2 type
 NT2RP3000068//PH (pleckstrin homology) domain
 NT2RP3000085//Biotin-requiring enzymes //Carbamoyl-phosphate synthase (CPSase)
 NT2RP3000299//Src homology domain 3
 15 NT2RP3000359//Adenylate kinases
 NT2RP3000366//Ras family (contains ATP/GTP binding P-loop)
 NT2RP3000403//WW/rsp5/WWP domain containing proteins
 NT2RP3000487//WW/rsp5/WWP domain containing proteins
 NT2RP3000512//Homeobox domain
 20 NT2RP3000527//Zinc finger, C2H2 type
 NT2RP3000531//IG superfamily
 NT2RP3000590//Zinc finger, C3HC4 type (RING finger)
 NT2RP3000603//Helix-loop-helix DNA-binding domain
 NT2RP3000605//Zinc finger, C2H2 type
 25 NT2RP3000632//Zinc finger, C2H2 type
 NT2RP3000742//Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-specific phospholipase C, Y domain
 NT2RP3000759//ADP-ribosylation factors (Arf family) (contains ATP/GTP binding P-loop)
 NT2RP3000825//EGF-like domain
 30 NT2RP3000869//ATPases associated with various cellular activities (AAA)
 NT2RP3000994//Double-stranded RNA binding motif
 NT2RP3001057//Zinc finger, C2H2 type
 NT2RP3001084//PH (pleckstrin homology) domain
 NT2RP3001120//Zinc finger, C2H2 type
 35 NT2RP3001140//Thrombospondin type 1 domain
 NT2RP3001150//Forkhead-associated (FHA) domain
 NT2RP3001155//HMG (high mobility group) box
 NT2RP3001214//Zinc finger, C2H2 type
 NT2RP3001268//Zinc finger, C2H2 type
 40 NT2RP3001338//Zinc finger, C2H2 type
 NT2RP3001355//Mitochondrial carrier proteins
 NT2RP3001398//Zinc finger, C2H2 type
 NT2RP3001426//DnaJ, prokaryotic heat shock protein
 NT2RP3001453//ABC transporters
 45 NT2RP3001457//PH (pleckstrin homology) domain
 NT2RP3001472//HMG (high mobility group) box
 NT2RP3001495//Alcohol/other dehydrogenases, short chain type //WW/rsp5/WWP domain containing proteins
 NT2RP3001497//Zinc finger, C3HC4 type (RING finger)
 NT2RP3001724//Helicases conserved C-terminal domain
 50 NT2RP3001792//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP3001943//Zinc finger, C3HC4 type (RING finger)
 NT2RP3001944//Zinc finger, C3HC4 type (RING finger)
 NT2RP3002007//ATPases associated with various cellular activities (AAA)
 NT2RP3002054//Low-density lipoprotein receptor domain class A
 55 NT2RP3002151//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP3002399//MCM2/3/5 family
 NT2RP3002501//Serine/threonine dehydratases
 NT2RP3002602//Thioredoxins

NT2RP3002628//DnaJ, prokaryotic heat shock protein //Thioredoxins
 NT2RP3002663//PH (pleckstrin homology) domain
 NT2RP3002909//Ank repeat
 NT2RP3002953//Cadherin
 5 NT2RP3002969//AMP-binding enzymes
 NT2RP3003061//Ank repeat
 NT2RP3003145//Zinc carboxypeptidases
 NT2RP3003230//WD domain, G-beta repeats
 NT2RP3003251//Zinc finger, C3HC4 type (RING finger)
 10 NT2RP3003278//Ank repeat //Zinc finger, C2H2 type
 NT2RP3003282//PH (pleckstrin homology) domain
 NT2RP3003311//PH (pleckstrin homology) domain
 NT2RP3003385//Ank repeat //Chaperonins clpA/B
 NT2RP3003589//Ras family (contains ATP/GTP binding P-loop)
 15 NT2RP3003621//CUB domain //Kring domain
 NT2RP3003701//Thrombospondin type 1 domain
 NT2RP3003716//Fibronectin type III domain
 NT2RP3003809//ATPases associated with various cellular activities (AAA)
 NT2RP3004016//Zinc finger, C3HC4 type (RING finger)
 20 NT2RP3004207//CUB domain //Sushi domain
 NT2RP3004209//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP3004242//PH (pleckstrin homology) domain
 NT2RP3004262//DnaJ, prokaryotic heat shock protein
 NT2RP3004566//Zinc finger, C2H2 type
 25 NT2RP3004569//Ank repeat
 NT2RP3004594//HMG (high mobility group) box
 NT2RP3004617//Zinc finger, C3HC4 type (RING finger)
 NT2RP4000259//Glutathione peroxidases
 NT2RP4000370//Prokaryotic-type class I peptide chain release factors
 30 NT2RP4000376//WD domain, G-beta repeats
 NT2RP4000398//Zinc finger, C2H2 type
 NT2RP4000455//Forkhead-associated (FHA) domain //Zinc finger, C3HC4 type (RING finger)
 NT2RP4000457//Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP4000518//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 35 NT2RP4000588//Actinin-type actin-binding domain containing proteins
 NT2RP4000614//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP4000648//Forkhead-associated (FHA) domain //Zinc finger, C3HC4 type (RING finger)
 NT2RP4000837//Zinc finger, C2H2 type
 NT2RP4000839//WD domain, G-beta repeats
 40 NT2RP4000865//Zinc finger, C2H2 type
 NT2RP4000907//Fibronectin type III domain //IG superfamily
 NT2RP4000925//Fibronectin type III domain
 NT2RP4000927//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 NT2RP4000973//DnaJ, prokaryotic heat shock protein //Thioredoxins
 45 NT2RP4001079//E1-E2 ATPases
 NT2RP4001080//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 NT2RP4001117//eubacterial secY protein
 NT2RP4001150//Fibronectin type III domain
 NT2RP4001213//Zinc finger, C2H2 type
 50 NT2RP4001219//Thioredoxins
 NT2RP4001235//Zinc finger, CCHC class
 NT2RP4001433//Zinc finger, C2H2 type
 NT2RP4001498//Ank repeat
 NT2RP4001568//Ank repeat
 55 NT2RP4001644//Eukaryotic protein kinase domain
 NT2RP4001725//WD domain, G-beta repeats
 NT2RP4001753//Zinc finger, C2H2 type
 NT2RP4001790//Zinc finger, C2H2 type

NT2RP4001822//4 transmembrane segments integral membrane proteins
 NT2RP4001823//Fibrinogen beta and gamma chains, C-terminal globular domain
 NT2RP4001893//Ank repeat
 NT2RP4001896//WD domain, G-beta repeats
 5 NT2RP4001927//WD domain, G-beta repeats
 NT2RP4001938//Zinc finger, C2H2 type
 NT2RP4002047//Elongation factor Tu family (contains ATP/GTP binding P-loop)
 NT2RP4002078//Zinc finger, C2H2 type
 NT2RP4002408//Eukaryotic protein kinase domain
 10 NT2RP4002905//Cyclins
 NT2RP5003477//WD domain, G-beta repeats
 OVARC1000006//Core histones H2A, H2B, H3 and H4
 OVARC1000085//Proteasome A-type and B-type
 OVARC1000148//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 15 OVARC1000556//Eukaryotic protein kinase domain
 OVARC1000649//PH (pleckstrin homology) domain //Src homology domain 2
 OVARC1000746//Double-stranded RNA binding motif
 OVARC1000885//Alcohol/other dehydrogenases, short chain type
 OVARC1000937//Cyclins
 20 OVARC1000999//Ank repeat
 OVARC1001154//Granulins
 OVARC1001180//Ubiquitin family
 OVARC1001306//Helix-loop-helix DNA-binding domain
 OVARC1001577//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 25 OVARC1001731//Tropomyosins
 OVARC1001943//Zinc finger, C2H2 type
 OVARC1002050//Spectrin alpha chain, repeated domain
 OVARC1002112//Core histones H2A, H2B, H3 and H4
 OVARC1002138//ATPases associated with various cellular activities (AAA)
 30 OVARC1002182//WD domain, G-beta repeats
 PLACE1000014//Zinc finger, C3HC4 type (RING finger)
 PLACE1000040//Ras family (contains ATP/GTP binding P-loop)
 PLACE1000050//Zinc finger, C2H2 type
 PLACE1000081//PH (pleckstrin homology) domain
 35 PLACE1000142//Enoyl-CoA hydratase/isomerase
 PLACE1000401//IG superfamily
 PLACE1000406//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1000420//Bacterial mutT protein
 PLACE1000706//Bromodomain
 40 PLACE1000769//KH domain family of RNA binding proteins
 PLACE1000786//PH (pleckstrin homology) domain
 PLACE1000863//Ribosomal protein S4
 PLACE1000909//Ank repeat
 PLACE1000972//Src homology domain 3
 45 PLACE1000979//Zinc finger, C2H2 type
 PLACE1001304//Zinc finger, C2H2 type
 PLACE1001387//Src homology domain 3
 PLACE1001632//Zinc finger, C2H2 type
 PLACE1001672//Aminotransferases class-III pyridoxal-phosphate
 50 PLACE1001716//Zinc finger, CCHC class
 PLACE1001739//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 PLACE1001781//Phosphoglucomutase and phosphomannomutase phosphoserine
 PLACE1001869//FGGY family of carbohydrate kinases
 PLACE1002438//Zinc finger, C2H2 type
 55 PLACE1002450//Zinc finger, C2H2 type
 PLACE1002474//EGF-like domain //von Willebrand factor type A domain
 PLACE1002499//Zinc finger, C3HC4 type (RING finger)
 PLACE1002532//Homeobox domain

PLACE1002571//Actins
 PLACE1002685//Src homology domain 2
 PLACE1002722//7 transmembrane receptor (rhodopsin family)
 PLACE1002775//Bromodomain
 5 PLACE1002834//Zinc finger, C2H2 type
 PLACE1003100//Alcohol/other dehydrogenases, short chain type
 PLACE1003174//Ubiquitin-conjugating enzymes
 PLACE1003238//7 transmembrane receptor (rhodopsin family)
 PLACE1003302//Zinc finger, C2H2 type
 10 PLACE1003334//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1003366//C2 domain
 PLACE1003394//Ras family (contains ATP/GTP binding P-loop)
 PLACE1003420//Mitochondrial carrier proteins
 PLACE1003493//C1q domain
 15 PLACE1003519//KH domain family of RNA binding-proteins
 PLACE1003723//Src homology domain 2
 PLACE1003738//Zinc finger, C2H2 type
 PLACE1003888//C2 domain //Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-specific phospholipase C, Y domain
 20 PLACE1004128//WD domain, G-beta repeats
 PLACE1004358//PH (pleckstrin homology) domain
 PLACE1004428//Acyl-CoA dehydrogenases
 PLACE1004437//Isocitrate and isopropylmalate dehydrogenases
 PLACE1004506//LIM domain containing proteins
 25 PLACE1004674//EF hand
 PLACE1004918//L-lactate dehydrogenases
 PLACE1005243//Eukaryotic protein kinase domain
 PLACE1005305//Adenylate kinases
 PLACE1005327//Src homology domain 3
 30 PLACE1005530//Zinc finger, C3HC4 type (RING finger)
 PLACE1005646//Helicases conserved C-terminal domain
 PLACE1005656//Ribonucleotide reductases
 PLACE1005966//WD domain, G-beta repeats
 PLACE1006157//Sushi domain
 35 PLACE1006196//DEAH and DEAR box helicases //Helicases conserved C-terminal domain
 PLACE1006438//Zinc finger, C2H2 type
 PLACE1006626//Double-stranded RNA binding motif
 PLACE1006754//IG superfamily
 PLACE1006829//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 40 PLACE1006917//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1006956//ABC transporters
 PLACE1006958//Heat shock hsp70 proteins
 PLACE1007375//C2 domain
 PLACE1007488//PH (pleckstrin homology) domain
 45 PLACE1007511//Intermediate filament proteins
 PLACE1007537//Ank repeat
 PLACE1007544//Zinc finger, C2H2 type
 PLACE1007547//Zinc finger, C3HC4 type (RING finger)
 PLACE1007598//Zinc finger, C2H2 type
 50 PLACE1007697//ABC transporters
 PLACE1007958//3'5'-cyclic nucleotide phosphodiesterases
 PLACE1007969//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 PLACE1008201//Zinc finger, C2H2 type
 PLACE1008429//Ank repeat
 55 PLACE1008465//Zinc finger, C2H2 type
 PLACE1008650//WD domain, G-beta repeats
 PLACE1009020//Aminotransferases class-V
 PLACE1009094//von Willebrand factor type C domain

PLACE1009099//Zinc finger, C2H2 type
 PLACE1009246//LIM domain containing proteins
 PLACE1009468//WD domain, G-beta repeats
 PLACE1009476//DEAD and DEAH box helicases //Helicases conserved C-terminal domain
 5 PLACE1009524//PH (pleckstrin homology) domain
 PLACE1009596//WD domain, G-beta repeats
 PLACE1009622//Double-stranded RNA binding motif
 PLACE1009861//Cysteine proteases
 PLACE1009925//Helicases conserved C-terminal domain
 10 PLACE1009992//CUB domain //EGF-like domain //Sushi domain //Trypsin
 PLACE1010053//Double-stranded RNA binding motif
 PLACE1010089//Ubiquitin carboxyl-terminal hydrolases family 2
 PLACE1010702//Zinc finger, C2H2 type
 PLACE1010833//EF hand
 15 PLACE1010926//Src homology domain 3
 PLACE1010960//Actins
 PLACE1011041//Src homology domain 3
 PLACE1011046//C2 domain //Phosphatidylinositol-specific phospholipase C, X domain //Phosphatidylinositol-spe-
 cific phospholipase C, Y domain
 20 PLACE1011114//Helicases conserved C-terminal domain
 PLACE1011160//Zinc finger, C3HC4 type (RING finger)
 PLACE1011263//Ank repeat
 PLACE1011433//Zinc finger, C2H2 type
 PLACE1011576//Zinc finger, C2H2 type
 25 PLACE1011923//Eukaryotic protein kinase domain
 PLACE2000034//Fibronectin type III domain //IG superfamily
 PLACE2000072//Zinc finger, C2H2 type
 PLACE2000111//IG superfamily
 PLACE2000164//WD domain, G-beta repeats
 30 PLACE2000216//PH (pleckstrin homology) domain
 PLACE2000341//Sodium:solute symporter family
 PLACE2000371//Src homology domain 2
 PLACE2000373//Thrombospondin type 1 domain
 PLACE2000398//IG superfamily
 35 PLACE2000427//Helicases conserved C-terminal domain
 PLACE2000458//Cadherin
 PLACE3000020//Guanylate cyclases
 PLACE3000169//Zinc finger, C2H2 type
 PLACE4000014//Helicases conserved C-terminal domain
 40 PLACE4000052//ABC transporters
 PLACE4000192//Zinc finger, C2H2 type
 PLACE4000211//Bromodomain
 PLACE4000431//Helicases conserved C-terminal domain
 PLACE4000522//Ank repeat
 45 PLACE4000581//EGF-like domain //Sushi domain
 PLACE4000654//Ubiquitin-conjugating enzymes
 THYRO1000072//IG superfamily
 THYRO1000242//Zinc finger, C2H2 type
 THYRO1000288//Zinc-binding metalloprotease domain
 50 THYRO1000488//Zinc finger, C3HC4 type (RING finger)
 THYRO1000501//Zinc finger, C3HC4 type (RING finger)
 THYRO1000666//Kinesin motor domain
 THYRO1000748//Src homology domain 3
 THYRO1000926//3' 5'-cyclic nucleotide phosphodiesterases
 55 THYRO1001661//RNA recognition motif. (aka RRM, RBD, or RNP domain)
 THYRO1001671//Ubiquitin family
 Y79AA1000037//Zinc finger, C3HC4 type (RING finger)
 Y79AA1000214//Core histones H2A, H2B, H3 and H4

Y79AA1000342//Zinc finger, C2H2 type
 Y79AA1000349//Double-stranded RNA binding motif
 Y79AA1000627//Zinc finger, C2H2 type
 Y79AA1000705//Helicases conserved C-terminal domain
 5 Y79AA1000752//KH domain family of RNA binding proteins
 Y79AA1000833//Tubulin
 Y79AA1001048//Acyl-CoA dehydrogenases
 Y79AA1001391//Homeobox domain
 Y79AA1001394//ATPases associated with various cellular activities (AAA)
 10 Y79AA1001493//Ubiquitin-conjugating enzymes
 Y79AA1001613//Zinc finger, C2H2 type
 Y79AA1001874//TNFR/NGFR cysteine-rich region
 Y79AA1002027//Ubiquitin-conjugating enzymes
 Y79AA1002139//DnaJ, prokaryotic heat shock protein
 15 Y79AA1002208//Ank repeat
 Y79AA1002246//C2 domain
 Y79AA1002307//Fibronectin type III domain
 Y79AA1002472//Zinc finger, C2H2 type
 HEMBA1003538//CUB domain HEMBA1003645//WD domain, G-beta repeats //Src homology domain 3
 20 HEMBA1005206//Glutathione S-transferases.
 HEMBA1006521//Alcohol/other dehydrogenases, short chain type
 HEMBB1001482//Zinc finger, C2H2 type HEMBB1001915//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2 HEMBB1002044//Cadherin MAMMA1000183//Zinc finger, C2H2 type
 MAMMA1000897//von Willebrand factor type A domain MAMMA1001080//IG superfamily MAMMA1002498//IG superfamily MAMMA1002573//KH domain family of RNA binding proteins MAMMA1002617//Zinc finger, C2H2 type
 25 NT2RM1000833//eubacterial secY protein NT2RM2001797//Zinc finger, C2H2 type
 NT2RP1001013//Zinc finger, C2H2 type NT2RP2001233//Zinc finger, C2H2 type
 NT2RP2001440//14-3-3 proteins NT2RP2002105//7 transmembrane receptor (rhodopsin family)
 NT2RP3001723//Laminin G domain NT2RP3001938//Eukaryotic protein kinase domain NT2RP3002330//Elongation factor Tu family (contains ATP/GTP binding P-loop) NT2RP3003133//Zinc finger, C2H2 type
 30 NT2RP3003500//Eukaryotic protein kinase domain NT2RP3003799//C2 domain
 NT2RP3003800//Eukaryotic protein kinase domain NT2RP3004013//Double-stranded RNA binding motif
 NT2RP3004125//Zinc finger, C2H2 type
 OVARC1001244//Bromodomain OVARC1001496//D-isomer specific 2-hydroxyacid dehydrogenases
 35 PLACE1000007//Ubiquitin carboxyl-terminal hydrolases family 2 //Ubiquitin carboxyl-terminal hydrolases family 2
 PLACE1001118//Zinc finger, C2H2 type PLACE1010310//Zinc finger, C2H2 type PLACE1011896//wnt family of developmental signaling proteins PLACE3000124//Src homology domain 2
 PLACE4000100//D-isomer specific 2-hydroxyacid dehydrogenases
 PLACE4000259//Helicases conserved C-terminal domain PLACE4000261//Bromodomain SKNMC1000013//ABC
 40 transporters SKNMC1000091//Basic region plus leucine zipper transcription factors THYRO1000343//Src homology domain 3 THYRO1000569//Zinc finger, C2H2 type THYRO1001189//Zinc finger, C2H2 type Y79AA1002103//Zinc finger, C2H2 type PLACE3000350//Eukaryotic protein kinase domain
 PLACE4000156//Zinc finger, C2H2 type

45 EXAMPLE 18

Classification of cDNA clones into functional categories based on the full-length nucleotide sequences

50 **[0257]** Prediction of functions of proteins encoded by the clones and the categorization thereof were performed based on the results of homology search (see Homology search results 6, 12, 13 and 14) of the databases, GenBank, Swiss-Prot and UniGene, for the full-length nucleotide sequences of 4997 clones and based on the results of domain search (see Example 17) of the deduced amino acid sequences encoded by the full-length nucleotide sequences. The target 4997 clones are listed below:

55 HEMBA1000005, HEMBA1000012, HEMBA1000020, HEMBA1000030, HEMBA1000042, HEMBA1000046,
 HEMBA1000050, HEMBA1000076, HEMBA1000129, HEMBA1000141, HEMBA1000150, HEMBA1000156,
 HEMBA1000158, HEMBA1000168, HEMBA1000185, HEMBA1000193, HEMBA1000201, HEMBA1000213,
 HEMBA1000216, HEMBA1000227, HEMBA1000231, HEMBA1000243, HEMBA1000244, HEMBA1000251,
 HEMBA1000264, HEMBA1000280, HEMBA1000282, HEMBA1000288, HEMBA1000290, HEMBA1000302,

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	HEMBA1000303,	HEMBA1000304,	HEMBA1000307,	HEMBA1000327,	HEMBA1000333,	HEMBA1000338,
	HEMBA1000351,	HEMBA1000356,	HEMBA1000357,	HEMBA1000369,	HEMBA1000376,	HEMBA1000387,
	HEMBA1000392,	HEMBA1000396,	HEMBA1000411,	HEMBA1000428,	HEMBA1000442,	HEMBA1000456,
	HEMBA1000459,	HEMBA1000460,	HEMBA1000469,	HEMBA1000488,	HEMBA1000491,	HEMBA1000497,
5	HEMBA1000501,	HEMBA1000504,	HEMBA1000505,	HEMBA1000508,	HEMBA1000518,	HEMBA1000519,
	HEMBA1000520,	HEMBA1000523,	HEMBA1000531,	HEMBA1000534,	HEMBA1000542,	HEMBA1000545,
	HEMBA1000555,	HEMBA1000557,	HEMBA1000561,	HEMBA1000568,	HEMBA1000569,	HEMBA1000575,
	HEMBA1000588,	HEMBA1000591,	HEMBA1000592,	HEMBA1000594,	HEMBA1000604,	HEMBA1000608,
	HEMBA1000622,	HEMBA1000636,	HEMBA1000637,	HEMBA1000655,	HEMBA1000657,	HEMBA1000673,
10	HEMBA1000682,	HEMBA1000686,	HEMBA1000702,	HEMBA1000719,	HEMBA1000722,	HEMBA1000726,
	HEMBA1000727,	HEMBA1000749,	HEMBA1000752,	HEMBA1000769,	HEMBA1000773,	HEMBA1000774,
	HEMBA1000817,	HEMBA1000822,	HEMBA1000843,	HEMBA1000851,	HEMBA1000852,	HEMBA1000867,
	HEMBA1000869,	HEMBA1000870,	HEMBA1000872,	HEMBA1000876,	HEMBA1000908,	HEMBA1000910,
	HEMBA1000918,	HEMBA1000919,	HEMBA1000934,	HEMBA1000942,	HEMBA1000943,	HEMBA1000946,
15	HEMBA1000960,	HEMBA1000968,	HEMBA1000971,	HEMBA1000972,	HEMBA1000975,	HEMBA1000985,
	HEMBA1000986,	HEMBA1000991,	HEMBA1001008,	HEMBA1001009,	HEMBA1001019,	HEMBA1001020,
	HEMBA1001022,	HEMBA1001024,	HEMBA1001026,	HEMBA1001043,	HEMBA1001051,	HEMBA1001052,
	HEMBA1001059,	HEMBA1001060,	HEMBA1001071,	HEMBA1001077,	HEMBA1001080,	HEMBA1001085,
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 Y79AA1002472, Y79AA1002482, Y79AA1002487,

[0258] Among the 4997 clones, there are 2189 clones that presumably encode proteins belonging to any of the categories of secretory or membrane proteins, glycoprotein-associated proteins, signal transduction-associated proteins, transcription-associated proteins, disease-associated proteins, enzymes and/or metabolism-associated proteins, ATP- and/or GTP-binding proteins, nuclear proteins, DNA- and/or RNA-binding proteins, RNA synthesis-associated proteins, protein synthesis- and/or protein transport-associated proteins, cytoskeleton-associated proteins, cell division- and/or cell proliferation-associated proteins, embryogenesis- and/or development-associated proteins, or cellular defense-associated proteins.

25 [0259] The clones that presumably encode proteins belonging to the category of secretory or membrane proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "growth factor", "cytokine", "hormone", "signal", "transmembrane", "membrane", "extracellular matrix", "receptor", "G-protein coupled receptor", "ionic channel", "voltage-gated channel", "calcium channel", "cell adhesion", "collagen", or "connective tissue"; those which matched the data, suggesting that the proteins are secretory or membrane proteins; or those which
 30 matched the full-length sequences of GenBank or UniGene database with similar description; and, further, those predicted to have an N-terminal signal sequence or a transmembrane region as a result of domain search for the amino acid sequences deduced from the full-length nucleotide sequences.

[0260] The clones that presumably encode proteins belonging to the category of glycoprotein-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "glycoprotein"; those
 35 which matched the data, suggesting that the proteins are glycoprotein; or those which matched the full-length sequences of GenBank or UniGene database with similar description.

[0261] The clones that presumably encode proteins belonging to the category of signal transduction-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "serine/threonine-protein kinase", "tyrosine-protein kinase", or "SH3 domain"; those which matched the data, suggesting that the proteins
 40 are signal transduction-associated proteins (for example, "ADP-ribosylation factor"); or those which matched the full-length sequences of GenBank or UniGene database with similar description.

[0262] The clones that presumably encode proteins belonging to the category of transcription-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "transcription regulation", "zinc finger", or "homeobox"; those which matched the data, suggesting that the proteins are transcription-associated
 45 proteins; or those which matched the full-length sequences of GenBank or UniGene database with similar description.

[0263] The clones that presumably encode proteins belonging to the category of disease-associated proteins are those which matched the full-length sequences of Swiss-Prot database with the keywords "disease mutation" or "syndrome"; those which matched the data, suggesting that the proteins are disease-associated proteins; or those which
 50 matched the full-length sequences of Swiss-Prot database and GenBank or UniGene database where the matched sequences of genes or proteins which had been registered in the database of Online Mendelian Inheritance in Man (OMIM) (<http://www.ncbi.nlm.nih.gov/Omim/>), which is a database of human genes and diseases.

[0264] The clones that presumably encode proteins belonging to the category of enzymes and/or metabolism-associated proteins are those which showed the terms "metabolism", "oxidoreductase", or "E.C. No. (Enzyme commission number)" in the matching data.

55 [0265] The clones that presumably encode proteins belonging to the category of ATP- and/or GTP-binding proteins are those which matched the data with the terms "ATP-binding" or "GTP-binding".

[0266] The clones that presumably encode proteins belonging to the category of nuclear proteins are those which matched the data with the terms "nuclear protein".

[0267] The clones that presumably encode proteins belonging to the category of DNA- and/or RNA-binding proteins are those which matched the data with the terms "DNA-binding" or "RNA-binding".

[0268] The clones that presumably encode proteins belonging to the category of RNA synthesis-associated proteins are those which matched the data with the terms "RNA splicing", "RNA processing", "RNA helicase", or "polyadenylation".

[0269] The clones that presumably encode proteins belonging to the category of protein synthesis- and/or protein transport-associated proteins are those which matched the data with the terms "translation regulation", "protein biosynthesis", "amino-acid biosynthesis", "ribosomal protein", "protein transport", or "signal recognition particle".

[0270] The clones that presumably encode proteins belonging to the category of cytoskeleton-associated proteins are those which matched the data with the terms "structural protein", "cytoskeleton", "actin-binding", or "microtubules".

[0271] The clones that presumably encode proteins belonging to the category of cell division- and/or cell proliferation-associated proteins are those which matched the data with the terms "cell division", "cell cycle", "mitosis", "chromosomal protein", "cell growth", or "apoptosis".

[0272] The clones that presumably encode proteins belonging to the category of embryogenesis- and/or development-associated proteins are those which matched the data with the terms "developmental protein".

[0273] The clones that presumably encode proteins belonging to the category of cellular defense-associated proteins are those which matched the data with the terms "heat shock", "DNA repair", or "DNA damage".

[0274] When a clone belonged to the above-mentioned multiple functional categories, the clone was classified into the multiple categories. However, the functions of the protein encoded by the clone are not limited to the functions of the categories into which the clone was classified, and therefore, additional functions can be found for the protein by further analyses.

[0275] The following 796 clones are categorized into secretory or membrane proteins.

HEMBA1000356,	HEMBA1000518,	HEMBA1000531,	HEMBA1000637,	HEMBA1000719,	HEMBA1000817,
HEMBA1000822,	HEMBA1000852,	HEMBA1000870,	HEMBA1000991,	HEMBA1001052,	HEMBA1001071,
HEMBA1001085,	HEMBA1001286,	HEMBA1001351,	HEMBA1001407,	HEMBA1001446,	HEMBA1001515,
HEMBA1001557,	HEMBA1001569,	HEMBA1001661,	HEMBA1001734,	HEMBA1001746,	HEMBA1001866,
HEMBA1002125,	HEMBA1002150,	HEMBA1002166,	HEMBA1002417,	HEMBA1002462,	HEMBA1002475,
HEMBA1002477,	HEMBA1002486,	HEMBA1002609,	HEMBA1002659,	HEMBA1002661,	HEMBA1002780,
HEMBA1002818,	HEMBA1002876,	HEMBA1002921,	HEMBA1003071,	HEMBA1003077,	HEMBA1003079,
HEMBA1003086,	HEMBA1003096,	HEMBA1003281,	HEMBA1003286,	HEMBA1003538,	HEMBA1003711,
HEMBA1003742,	HEMBA1003803,	HEMBA1004055,	HEMBA1004143,	HEMBA1004146,	HEMBA1004207,
HEMBA1004341,	HEMBA1004461,	HEMBA1004577,	HEMBA1004637,	HEMBA1004752,	HEMBA1004756,
HEMBA1004850,	HEMBA1004889,	HEMBA1004923,	HEMBA1004930,	HEMBA1005029,	HEMBA1005035,
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HEMBA1005699,	HEMBA1005991,	HEMBA1006036,	HEMBA1006038,	HEMBA1006067,	HEMBA1006173,
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HEMBA1006659,	HEMBA1006758,	HEMBA1006789,	HEMBA1006921,	HEMBA1006926,	HEMBA1006976,
HEMBA1007203,	HEMBA1007301,	HEMBA1000037,	HEMBA1000050,	HEMBA1000054,	HEMBA1000175,
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HEMBA1000915,	HEMBA1000975,	HEMBA1001112,	HEMBA1001151,	HEMBA1001177,	HEMBA1001302,
HEMBA1001348,	HEMBA1001564,	HEMBA1001630,	HEMBA1001871,	HEMBA1001872,	HEMBA1001925,
HEMBA1001962,	HEMBA1002042,	HEMBA1002044,	HEMBA1002142,	HEMBA1002190,	HEMBA1002193,
HEMBA1002247,	HEMBA1002383,	HEMBA1002387,	HEMBA1002550,	HEMBA1002600,	HEMBA1002692,
MAMMA1000045,	MAMMA1000129,	MAMMA1000133,	MAMMA1000277,	MAMMA1000278,	MAMMA1000410,
MAMMA1000416,	MAMMA1000472,	MAMMA1000672,	MAMMA1000684,	MAMMA1000714,	MAMMA1000734,
MAMMA1000778,	MAMMA1000798,	MAMMA1000842,	MAMMA1000859,	MAMMA1000897,	MAMMA1000956,
MAMMA1001008,	MAMMA1001030,	MAMMA1001041,	MAMMA1001073,	MAMMA1001080,	MAMMA1001139,
MAMMA1001154,	MAMMA1001322,	MAMMA1001388,	MAMMA1001411,	MAMMA1001487,	MAMMA1001751,
MAMMA1001754,	MAMMA1001771,	MAMMA1002009,	MAMMA1002427,	MAMMA1002428,	MAMMA1002461,
MAMMA1002524,	MAMMA1002573,	MAMMA1002598,	MAMMA1002655,	MAMMA1002684,	MAMMA1002769,
MAMMA1002844,	MAMMA1002881,	MAMMA1002890,	MAMMA1002938,	MAMMA1002947,	MAMMA1003035,
MAMMA1003089,	MAMMA1003146,	MAMMA1003150,	NT2RM1000035,	NT2RM1000037,	NT2RM1000062,
NT2RM1000080,	NT2RM1000092,	NT2RM1000131,	NT2RM1000199,	NT2RM1000257,	NT2RM1000260,
NT2RM1000355,	NT2RM1000430,	NT2RM1000563,	NT2RM1000648,	NT2RM1000742,	NT2RM1000770,
NT2RM1000800,	NT2RM1000811,	NT2RM1000833,	NT2RM1000857,	NT2RM1000867,	NT2RM1000882,
NT2RM1000905,	NT2RM1001008,				
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	NT2RM2000581,	NT2RM2000609,	NT2RM2000821,	NT2RM2001370,	NT2RM2001393,	NT2RM2001499,
	NT2RM2001547,	NT2RM2001613,	NT2RM2001648,	NT2RM2001659,	NT2RM2001671,	NT2RM2001688,
	NT2RM2001698,	NT2RM2001718,	NT2RM2001753,	NT2RM2001760,	NT2RM2001785,	NT2RM2001930,
	NT2RM2001950,	NT2RM2001997,	NT2RM2001998,	NT2RM2002049,	NT2RM2002145,	NT2RM4000233,
5	NT2RM4000433,	NT2RM4000457,	NT2RM4000486,	NT2RM4000496,	NT2RM4000520,	NT2RM4000634,
	NT2RM4000674,	NT2RM4000700,	NT2RM4000764,	NT2RM4000778,	NT2RM4000795,	NT2RM4000820,
	NT2RM4000857,	NT2RM4001032,	NT2RM4001054,	NT2RM4001116,	NT2RM4001455,	NT2RM4001666,
	NT2RM4001810,	NT2RM4001813,	NT2RM4001930,	NT2RM4001987,	NT2RM4002054,	NT2RM4002073,
	NT2RM4002145,	NT2RM4002146,	NT2RM4002189,	NT2RM4002194,	NT2RM4002251,	NT2RM4002339,
10	NT2RM4002438,	NT2RM4002446,	NT2RM4002452,	NT2RM4002460,	NT2RM4002493,	NT2RM4002558,
	NT2RM4002565,	NT2RM4002571,	NT2RM4002594,	NT2RP1000130,	NT2RP1000191,	NT2RP1000326,
	NT2RP1000358,	NT2RP1000413,	NT2RP1000418,	NT2RP1000547,	NT2RP1000609,	NT2RP1000677,
	NT2RP1000767,	NT2RP1000782,	NT2RP1000856,	NT2RP1001113,	NT2RP1001247,	NT2RP1001286,
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15	NT2RP1001569,	NT2RP2000032,	NT2RP2000040,	NT2RP2000056,	NT2RP2000070,	NT2RP2000091,
	NT2RP2000114,	NT2RP2000120,	NT2RP2000173,	NT2RP2000175,	NT2RP2000195,	NT2RP2000257,
	NT2RP2000270,	NT2RP2000283,	NT2RP2000288,	NT2RP2000289,	NT2RP2000459,	NT2RP2000516,
	NT2RP2000660,	NT2RP2000842,	NT2RP2000892,	NT2RP2001081,	NT2RP2001268,	NT2RP2001295,
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20	NT2RP2001947,	NT2RP2001991,	NT2RP2002025,	NT2RP2002066,	NT2RP2002078,	NT2RP2002105,
	NT2RP2002312,	NT2RP2002325,	NT2RP2002385,	NT2RP2002479,	NT2RP2002537,	NT2RP2002643,
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	NT2RP2003446,	NT2RP2003466,	NT2RP2003506,	NT2RP2003513,	NT2RP2003629,	NT2RP2003668,
	NT2RP2003760,	NT2RP2003777,	NT2RP2003781,	NT2RP2004041,	NT2RP2004142,	NT2RP2004194,
25	NT2RP2004270,	NT2RP2004300,	NT2RP2004392,	NT2RP2004655,	NT2RP2004681,	NT2RP2004775,
	NT2RP2004799,	NT2RP2004936,	NT2RP2004959,	NT2RP2005012,	NT2RP2005159,	NT2RP2005227,
	NT2RP2005270,	NT2RP2005344,	NT2RP2005465,	NT2RP2005509,	NT2RP2005752,	NT2RP2005781,
	NT2RP2005784,	NT2RP2005812,	NT2RP2006069,	NT2RP2006100,	NT2RP2006141,	NT2RP2006184,
	NT2RP2006261,	NT2RP2006565,	NT2RP2006571,	NT2RP2006573,	NT2RP3000092,	NT2RP3000109,
30	NT2RP3000134,	NT2RP3000207,	NT2RP3000333,	NT2RP3000341,	NT2RP3000393,	NT2RP3000439,
	NT2RP3000441,	NT2RP3000531,	NT2RP3000685,	NT2RP3000825,	NT2RP3000826,	NT2RP3000852,
	NT2RP3000919,	NT2RP3001084,	NT2RP3001096,	NT2RP3001126,	NT2RP3001140,	NT2RP3001176,
	NT2RP3001260,	NT2RP3001282,	NT2RP3001355,	NT2RP3001383,	NT2RP3001426,	NT2RP3001453,
	NT2RP3001497,	NT2RP3001538,	NT2RP3001589,	NT2RP3001642,	NT2RP3001708,	NT2RP3001716,
35	NT2RP3001727,	NT2RP3001739,	NT2RP3001799,	NT2RP3001943,	NT2RP3001944,	NT2RP3002002,
	NT2RP3002007,	NT2RP3002014,	NT2RP3002054,	NT2RP3002108,	NT2RP3002163,	NT2RP3002351,
	NT2RP3002455,	NT2RP3002549,	NT2RP3002602,	NT2RP3002628,	NT2RP3002650,	NT2RP3002687,
	NT2RP3002701,	NT2RP3002810,	NT2RP3002869,	NT2RP3002969,	NT2RP3002985,	NT2RP3003008,
	NT2RP3003059,	NT2RP3003071,	NT2RP3003101,	NT2RP3003145,	NT2RP3003197,	NT2RP3003203,
40	NT2RP3003242,	NT2RP3003302,	NT2RP3003353,	NT2RP3003409,	NT2RP3003576,	NT2RP3003621,
	NT2RP3003665,	NT2RP3003672,	NT2RP3003701,	NT2RP3003716,	NT2RP3003799,	NT2RP3003828,
	NT2RP3003914,	NT2RP3003918,	NT2RP3003992,	NT2RP3004051,	NT2RP3004148,	NT2RP3004155,
	NT2RP3004207,	NT2RP3004282,	NT2RP3004454,	NT2RP3004480,	NT2RP3004503,	NT2RP4000008,
	NT2RP4000051,	NT2RP4000151,	NT2RP4000212,	NT2RP4000243,	NT2RP4000259,	NT2RP4000323,
45	NT2RP4000417,	NT2RP4000500,	NT2RP4000524,	NT2RP4000556,	NT2RP4000560,	NT2RP4000588,
	NT2RP4000713,	NT2RP4000724,	NT2RP4000817,	NT2RP4000833,	NT2RP4000878,	NT2RP4000907,
	NT2RP4000925,	NT2RP4000928,	NT2RP4000973,	NT2RP4000989,	NT2RP4001057,	NT2RP4001064,
	NT2RP4001079,	NT2RP4001117,	NT2RP4001138,	NT2RP4001149,	NT2RP4001150,	NT2RP4001174,
	NT2RP4001219,	NT2RP4001274,	NT2RP4001313,	NT2RP4001345,	NT2RP4001372,	NT2RP4001373,
50	NT2RP4001379,	NT2RP4001498,	NT2RP4001547,	NT2RP4001571,	NT2RP4001574,	NT2RP4001644,
	NT2RP4001656,	NT2RP4001677,	NT2RP4001730,	NT2RP4001739,	NT2RP4001803,	NT2RP4001822,
	NT2RP4001823,	NT2RP4001950,	NT2RP4001975,	NT2RP4002052,	NT2RP4002075,	NT2RP5003500,
	NT2RP5003506,	NT2RP5003522,	NT2RP5003534,	OVARC1000060,	OVARC1000335,	OVARC1000682,
	OVARC1000689,	OVARC1000700,	OVARC1000722,	OVARC1000751,	OVARC1000850,	OVARC1000890,
55	OVARC1000924,	OVARC1000936,	OVARC1000959,	OVARC1000984,	OVARC1000999,	OVARC1001034,
	OVARC1001055,	OVARC1001117,	OVARC1001129,	OVARC1001154,	OVARC1001329,	OVARC1001381,
	OVARC1001391,	OVARC1001453,	OVARC1001476,	OVARC1001506,	OVARC1001610,	OVARC1001702,
	OVARC1001703,	OVARC1001713,	OVARC1001745,	OVARC1001767,	OVARC1002127,	OVARC1002138,

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	OVARC1002158,	OVARC1002165,	PLACE1000014,	PLACE1000213,	PLACE1000401,	PLACE1000562,
	PLACE1000611,	PLACE1000656,	PLACE1000712,	PLACE1 000793,	PLACE1000909,	PLACE1000948,
	PLACE1000977,	PLACE1001241,	PLACE1001257,	PLACE1001377,	PLACE1001517,	PLACE1001610,
	PLACE1001761,	PLACE1001771,	PLACE1001817,	PLACE1001983,	PLACE1002046,	PLACE1002140,
5	PLACE1002213,	PLACE1002395,	PLACE1002437,	PLACE1002500,	PLACE1002583,	PLACE1002714,
	PLACE1002722,	PLACE1002782,	PLACE1002794,	PLACE1002851,	PLACE1002908,	PLACE1003030,
	PLACE1003044,	PLACE1003045,	PLACE1003238,	PLACE1003296,	PLACE1003369,	PLACE1003420,
	PLACE1003493,	PLACE1003537,	PLACE1003553,	PLACE1003596,	PLACE1003760,	PLACE1003768,
	PLACE1003771,	PLACE1003903,	PLACE1004149,	PLACE1004197,	PLACE1004203,	PLACE1004258,
10	PLACE1004270,	PLACE1004277,	PLACE1004289,	PLACE1004473,	PLACE1004629,	PLACE1004646,
	PLACE1004743,	PLACE1004751,	PLACE1004793,	PLACE1004840,	PLACE1004969,	PLACE1005086,
	PLACE1005162,	PLACE1005206,	PLACE1005313,	PLACE1005467,	PLACE1005530,	PLACE1005595,
	PLACE1005611,	PLACE1005623,	PLACE1005763,	PLACE1005884,	PLACE1005890,	PLACE1005898,
	PLACE1005934,	PLACE1005953,	PLACE1006157,	PLACE1006225,	PLACE1006239,	PLACE1006288,
15	PLACE1006492,	PLACE1006534,	PLACE1006678,	PLACE1006754,	PLACE1006901,	PLACE1006935,
	PLACE1006956,	PLACE1007111,	PLACE1007243,	PLACE1007274,	PLACE1007282,	PLACE1007317,
	PLACE1007375,	PLACE1007386,	PLACE1007409,	PLACE1007416,	PLACE1007484,	PLACE1007583,
	PLACE1007632,	PLACE1007645,	PLACE1007649,	PLACE1007852,	PLACE1007877,	PLACE1007954,
	PLACE1008273,	PLACE1008309,	PLACE1008331,	PLACE1008402,	PLACE1008424,	PLACE1008429,
20	PLACE1008531,	PLACE1008532,	PLACE1008533,	PLACE1008568,	PLACE1008643,	PLACE1008693,
	PLACE1008715,	PLACE1009045,	PLACE1009094,	PLACE1009298,	PLACE1009319,	PLACE1009338,
	PLACE1009368,	PLACE1009493,	PLACE1009639,	PLACE1009659,	PLACE1009708,	PLACE1009731,
	PLACE1009845,	PLACE1009861,	PLACE1009935,	PLACE1009992,	PLACE1010089,	PLACE1010231,
	PLACE1010321,	PLACE1010362,	PLACE1010599,	PLACE1010622,	PLACE1010662,	PLACE1010811,
25	PLACE1010917,	PLACE1010942,	PLACE1010954,	PLACE1011090,	PLACE1011214,	PLACE1011221,
	PLACE1011371,	PLACE1011399,	PLACE1011492,	PLACE1011646,	PLACE1011749,	PLACE1011896,
	PLACE2000034,	PLACE2000062,	PLACE2000111,	PLACE2000132,	PLACE2000176,	PLACE2000187,
	PLACE2000216,	PLACE2000335,	PLACE2000341,	PLACE2000373,	PLACE2000379,	PLACE2000398,
	PLACE2000399,	PLACE2000425,	PLACE2000438,	PLACE2000458,	PLACE2000477,	PLACE3000020,
30	PLACE3000218,	PLACE3000226,	PLACE3000242,	PLACE3000244,	PLACE3000339,	PLACE3000373,
	PLACE3000399,	PLACE3000406,	PLACE3000413,	PLACE3000455,	PLACE4000052,	PLACE4000063,
	PLACE4000129,	PLACE4000247,	PLACE4000250,	PLACE4000259,	PLACE4000300,	PLACE4000387,
	PLACE4000431,	PLACE4000487,	PLACE4000494,	PLACE4000522,	PLACE4000548,	PLACE4000581,
	PLACE4000593,	PLACE4000650,	THYRO1000156,	THYRO1000327,	THYRO1000394,	THYRO1000395,
35	THYRO1000570,	THYRO1000748,	THYRO1000756,	THYRO1000783,	THYRO1001134,	THYRO1001271,
	THYRO1001287,	THYRO1001320,	THYRO1001401,	THYRO1001534,	THYRO1001537,	THYRO1001541,
	THYRO1001828,	Y79AA1000258,	Y79AA1000420,	Y79AA1000469,	Y79AA1000734,	Y79AA1000800,
	Y79AA1000976,	Y79AA1001023,	Y79AA1001177,	Y79AA1001384,	Y79AA1001394,	Y79AA1001603,
	Y79AA1001647,	Y79AA1001846,	Y79AA1001874,	Y79AA1002139,	Y79AA1002246,	Y79AA1002351,
40	Y79AA1002399,	Y79AA1002416,				
	[0276] The following 141 clones are categorized into glycoproteins-associated proteins.					
	HEMBA1000156,	HEMBA1000518,	HEMBA1000852,	HEMBA1001071,	HEMBA1001286,	HEMBA1001661,
	HEMBA1001734,	HEMBA1001866,	HEMBA1003071,	HEMBA1003077,	HEMBA1003281,	HEMBA1003538,
	HEMBA1003679,	HEMBA1003866,	HEMBA1005576,	HEMBA1005581,	HEMBA1005699,	HEMBA1006038,
45	HEMBA1006976,	HEMBA1007301,	HEMBA1000317,	HEMBA1000915,	HEMBA1001871,	HEMBA1001872,
	HEMBA1002193,	MAMMA1000672,	MAMMA1000897,	MAMMA1001030,	MAMMA1001388,	MAMMA1002329,
	MAMMA1002428,	MAMMA1002573,	MAMMA1003150,	NT2RM1000648,	NT2RM1001115,	NT2RM2000260,
	NT2RM2000407,	NT2RM2000422,	NT2RM2000490,	NT2RM2001499,	NT2RM2001659,	NT2RM2001930,
	NT2RM4000820,	NT2RM4000857,	NT2RM4001810,	NT2RM4001813,	NT2RM4001987,	NT2RM4002145,
50	NT2RM4002189,	NT2RM4002251,	NT2RM4002460,	NT2RM4002558,	NT2RP1000677,	NT2RP1000782,
	NT2RP1000856,	NT2RP1001546,	NT2RP2000056,	NT2RP2000070,	NT2RP2001295,	NT2RP2001378,
	NT2RP2001597,	NT2RP2001991,	NT2RP2002025,	NT2RP2002078,	NT2RP2002385,	NT2RP2004587,
	NT2RP2004732,	NT2RP2005531,	NT2RP3000207,	NT2RP3000531,	NT2RP3000825,	NT2RP3001140,
	NT2RP3002810,	NT2RP3003672,	NT2RP3003701,	NT2RP3003716,	NT2RP3003914,	NT2RP3004148,
55	NT2RP4000212,	NT2RP4000417,	NT2RP4000724,	NT2RP4000817,	NT2RP4000925,	NT2RP4001150,
	NT2RP4001372,	NT2RP4001730,	NT2RP4001822,	NT2RP4001823,	NT2RP5003522,	OVARC1000091,
	OVARC1000288,	OVARC1000682,	OVARC1001055,	OVARC1001506,	OVARC1001713,	OVARC1002127,
	PLACE1000213,	PLACE1000401,	PLACE1002437,	PLACE1002583,		

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	PLACE1002722,	PLACE1003045,	PLACE1003238,	PLACE1003258,	PLACE1003493,	PLACE1004197,
	PLACE1004793,	PLACE1005953,	PLACE1005955,	PLACE1006157,	PLACE1006239,	PLACE1006368,
	PLACE1006534,	PLACE1006754,	PLACE1006956,	PLACE1007416,	PLACE1007632,	PLACE1007649,
	PLACE1008643,	PLACE1009094,	PLACE1009992,	PLACE1010231,	PLACE1010662,	PLACE1011371,
5	PLACE2000034,	PLACE2000373,	PLACE2000398,	PLACE2000399,	PLACE2000438,	PLACE2000458,
	PLACE3000339,	PLACE4000063,	PLACE4000230,	PLACE4000522,	PLACE4000548,	PLACE4000581,
	THYRO1000327, THYRO1000756, THYRO1001287, Y79AA1001603, Y79AA1001874					
	[0277] The following 129 clones are categorized into signal transduction-associated proteins.					
	HEMBA1000303,	HEMBA1000369,	HEMBA1000608,	HEMBA1000657,	HEMBA1000919,	HEMBA1001019,
10	HEMBA1001174,	HEMBA1001822,	HEMBA1001921,	HEMBA1002139,	HEMBA1002212,	HEMBA1002341,
	HEMBA1002417,	HEMBA1002768,	HEMBA1003250,	HEMBA1003291,	HEMBA1003645,	HEMBA1004286,
	HEMBA1005737,	HEMBA1006130,	HEMBA1006708,	HEMBA1000083,	HEMBA1000266,	HEMBA1000632,
	HEMBA1000781,	HEMBA1000831,	HEMBA1002193,	MAMMA1000173,	MAMMA1001038,	MAMMA1001198,
	MAMMA1002842,	MAMMA1003057,	NT2RM1000702,	NT2RM1000772,	NT2RM1001072,	NT2RM2000030,
15	NT2RM2000469,	NT2RM2000612,	NT2RM2001221,	NT2RM2001345,	NT2RM2002128,	NT2RM4000229,
	NT2RM4000354,	NT2RM4000611,	NT2RM4000798,	NT2RM4001411,	NT2RM4001412,	NT2RM4001629,
	NT2RM4001758,	NT2RM4002013,	NT2RM4002527,	NT2RP1000018,	NT2RP1000701,	NT2RP1001294,
	NT2RP1001302,	NT2RP2000668,	NT2RP2001440,	NT2RP2001560,	NT2RP2002058,	NT2RP2002193,
	NT2RP2002408,	NT2RP2002710,	NT2RP2002929,	NT2RP2003164,	NT2RP2003912,	NT2RP2004232,
20	NT2RP2004768,	NT2RP2006071,	NT2RP2006534,	NT2RP3000759,	NT2RP3000845,	NT2RP3001646,
	NT2RP3001857,	NT2RP3001938,	NT2RP3002004,	NT2RP3002785,	NT2RP3002909,	NT2RP3002988,
	NT2RP3003800,	NT2RP3004189,	NT2RP3004544,	NT2RP4000147,	NT2RP4000839,	NT2RP4001122,
	NT2RP4001148,	NT2RP4001336,	NT2RP4001375,	NT2RP4001644,	NT2RP4001725,	NT2RP4001849,
	NT2RP4001896,	NT2RP4001927,	NT2RP4002408,	NT2RP5003477,	OVARC1000013,	OVARC1000437,
25	OVARC1000556,	OVARC1000649,	OVARC 1000945,	OVARC1001200,	OVARC1002182,	PLACE1000977,
	PLACE1001387,	PLACE1002493,	PLACE 1002591,	PLACE1003190,	PLACE1003353,	PLACE1004128,
	PLACE1004302,	PLACE1004937,	PLACE1005243,	PLACE1008000,	PLACE1008244,	PLACE1008650,
	PLACE1009468,	PLACE1009596,	PLACE1009708,	PLACE1009845,	PLACE1010926,	PLACE1011041,
	PLACE2000164,	PLACE2000371,	PLACE3000145,	PLACE3000350,	THYRO1000072,	THYRO1000748,
30	THYRO1001120, Y79AA1000328, Y79AA1002431					
	[0278] The following 309 clones are categorized into transcription-associated proteins.					
	HEMBA1000158,	HEMBA1000201,	HEMBA1000216,	HEMBA1000555,	HEMBA1000561,	HEMBA1000851,
	HEMBA1001077,	HEMBA1001137,	HEMBA1001405,	HEMBA1001510,	HEMBA1001635,	HEMBA1001804,
	HEMBA1001809,	HEMBA1001819,	HEMBA1001847,	HEMBA1001869,	HEMBA1002035,	HEMBA1002092,
35	HEMBA1002177,	HEMBA1002770,	HEMBA1002935,	HEMBA1003408,	HEMBA1003545,	HEMBA1003568,
	HEMBA1003662,	HEMBA1003684,	HEMBA1003760,	HEMBA1003953,	HEMBA1004097,	HEMBA1004321,
	HEMBA1004353,	HEMBA1004389,	HEMBA1004479,	HEMBA1004758,	HEMBA1004973,	HEMBA1005219,
	HEMBA1005359,	HEMBA1005513,	HEMBA1005528,	HEMBA1005548,	HEMBA1005558,	HEMBA1005931,
	HEMBA1006158,	HEMBA1006248,	HEMBA1006278,	HEMBA1006283,	HEMBA1006347,	HEMBA1006359,
40	HEMBA1006559,	HEMBA1006941,	HEMBA1000789,	HEMBA1001011,	HEMBA1001314,	HEMBA1001482,
	HEMBA1001673,	HEMBA1001749,	HEMBA1001839,	HEMBA1001908,	HEMBA1002134,	HEMBA1002217,
	HEMBA1002342,	HEMBA1002607,	MAMMA1000183,	MAMMA1000388,	MAMMA1001105,	MAMMA1001222,
	MAMMA1001260,	MAMMA1001627,	MAMMA1001633,	MAMMA1001743,	MAMMA1001820,	MAMMA1001837,
	MAMMA1002617,	MAMMA1002650,	MAMMA1002937,	NT2RM1000055,	NT2RM1000086,	NT2RM1000746,
45	NT2RM1000885,	NT2RM1000894,	NT2RM1001092,	NT2RM2000013,	NT2RM2000452,	NT2RM2000735,
	NT2RM2000740,	NT2RM2001035,	NT2RM2001105,	NT2RM2001575,	NT2RM2001670,	NT2RM2001716,
	NT2RM2001771,	NT2RM2002091,	NT2RM4000024,	NT2RM4000046,	NT2RM4000104,	NT2RM4000202,
	NT2RM4000531,	NT2RM4000595,	NT2RM4000733,	NT2RM4000734,		
	NT2RM4000741,	NT2RM4000751,	NT2RM4000996,	NT2RM4001092,	NT2RM4001140,	NT2RM4001200,
50	NT2RM4001483,	NT2RM4001592,	NT2RM4001783,	NT2RM4001823,	NT2RM4001828,	NT2RM4001858,
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	NT2RP1001013,	NT2RP2000008,	NT2RP2000126,	NT2RP2000297,	NT2RP2000420,	NT2RP2001174,
	NT2RP2001233,	NT2RP2001756,	NT2RP2001869,	NT2RP2002046,	NT2RP2002252,	NT2RP2002270,
	NT2RP2002464,	NT2RP2002503,	NT2RP2002520,	NT2RP2002591,	NT2RP2002880,	NT2RP2002939,
55	NT2RP2002993,	NT2RP2003243,	NT2RP2003329,	NT2RP2003347,	NT2RP2003480,	NT2RP2003522,
	NT2RP2003564,	NT2RP2003714,	NT2RP2004013,	NT2RP2004066,	NT2RP2004187,	NT2RP2004920,
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	NT2RP3001268,	NT2RP3001338,	NT2RP3001398,	NT2RP3001527,	NT2RP3001688,	NT2RP3001855,
	NT2RP3002165,	NT2RP3002399,	NT2RP3002876,	NT2RP3003133,	NT2RP3003193,	NT2RP3003251,
5	NT2RP3003313,	NT2RP3003327,	NT2RP3003555,	NT2RP3004016,	NT2RP3004125,	NT2RP3004242,
	NT2RP3004428,	NT2RP3004498,	NT2RP3004566,	NT2RP3004617,	NT2RP4000210,	NT2RP4000398,
	NT2RP4000455,	NT2RP4000648,	NT2RP4000837,	NT2RP4000865,	NT2RP4000997,	NT2RP4001029,
	NT2RP4001080,	NT2RP4001213,	NT2RP4001433,	NT2RP4001529,	NT2RP4001551,	NT2RP4001568,
	NT2RP4001638,	NT2RP4001753,	NT2RP4001760,	NT2RP4001790,	NT2RP4001838,	NT2RP4001938,
10	NT2RP4002078,	NT2RP4002081,	NT2RP5003461,	OVARC1000151,	OVARC1000241,	OVARC1000479,
	OVARC1001271,	OVARC1001417,	OVARC1001436,	PLACE1000133,	PLACE1000583,	PLACE1000706,
	PLACE1000786,	PLACE1000979,	PLACE1001118,	PLACE1001238,	PLACE1001294,	PLACE1001304,
	PLACE1001383,	PLACE1001602,	PLACE1001632,	PLACE1002171,	PLACE1002438,	PLACE1002450,
	PLACE1002532,	PLACE1002775,	PLACE1002834,	PLACE1003302,	PLACE1003605,	PLACE1003738,
15	PLACE1003885,	PLACE1004471,	PLACE1005584,	PLACE1005803,	PLACE1005966,	PLACE1006167,
	PLACE1006318,	PLACE1006438,	PLACE1006482,	PLACE1007239,	PLACE1007346,	PLACE1007488,
	PLACE1007547,	PLACE1007598,	PLACE1007955,	PLACE1008132,	PLACE1008201,	PLACE1009099,
	PLACE1009246,	PLACE1009308,	PLACE1009398,	PLACE1009798,	PLACE1010134,	PLACE1010702,
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20	PLACE3000169,	PLACE3000254,	PLACE4000128,	PLACE4000156,	PLACE4000192,	PLACE4000211,
	PLACE4000261,	PLACE4000450,	PLACE4000489,	THYRO1000085,	THYRO1000121,	THYRO1000242,
	THYRO1000488,	THYRO1000501,	THYRO1000569,	THYRO1001100,	THYRO1001189,	THYRO1001809,
	Y79AA1000013,	Y79AA1000033,	Y79AA1000037,	Y79AA1000342,	Y79AA1000627,	Y79AA1000705,
	Y79AA1001299,	Y79AA1001312,	Y79AA1001391,	Y79AA1001533,	Y79AA1001613,	Y79AA1001866,
25	Y79AA1002103,	Y79AA1002229,	Y79AA1002433,	Y79AA1002472,	Y79AA1002482,	
	[0279] The following 392 clones are categorized into disease-associated proteins.					
	HEMBA1000020,	HEMBA1000216,	HEMBA1000304,	HEMBA1000561,	HEMBA1000569,	HEMBA1000910,
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30	HEMBA1001672,	HEMBA1001819,	HEMBA1001921,	HEMBA1002267,	HEMBA1002419,	HEMBA1002469,
	HEMBA1002547,	HEMBA1002555,	HEMBA1002810,	HEMBA1002939,	HEMBA1002997,	HEMBA1003148,
	HEMBA1003369,	HEMBA1003417,	HEMBA1003418,	HEMBA1003433,	HEMBA1003538,	HEMBA1003555,
	HEMBA1003568,	HEMBA1003569,	HEMBA1003581,	HEMBA1004168,	HEMBA1004202,	HEMBA1004248,
	HEMBA1004275,	HEMBA1004321,	HEMBA1004353,	HEMBA1004356,	HEMBA1004479,	HEMBA1004509,
	HEMBA1004669,	HEMBA1005009,	HEMBA1005338,	HEMBA1005367,	HEMBA1005423,	HEMBA1005528,
35	HEMBA1005581,	HEMBA1005621,	HEMBA1005699,	HEMBA1006507,	HEMBA1006650,	HEMBA1006652,
	HEMBA1006737,	HEMBA1006807,	HEMBA1006877,	HEMBA1007121,	HEMBA1007243,	HEMBA1007243,
	HEMBA1006993,	HEMBA1006927,	HEMBA1006985,	HEMBA1007068,	HEMBA1007128,	HEMBA1007139,
	HEMBA1007482,	HEMBA1007564,	HEMBA1007802,	HEMBA1007905,	HEMBA1007908,	HEMBA1007921,
40	MAMMA1002170,	MAMMA1000388,	MAMMA1000731,	MAMMA1001305,	MAMMA1001633,	MAMMA1001868,
	MAMMA1002177,	MAMMA1002198,	MAMMA1002268,	MAMMA1002485,	MAMMA1002530,	MAMMA1002858,
	MAMMA1002869,	MAMMA1002881,	MAMMA1003047,	MAMMA1003146,	MAMMA1003166,	NT2RM1000001,
	NT2RM1000153,	NT2RM1000252,	NT2RM1000555,	NT2RM1000770,	NT2RM1000826,	NT2RM1000850,
	NT2RM1001003,	NT2RM1001092,	NT2RM1001102,	NT2RM2000191,		
	NT2RM2000363,	NT2RM2000594,	NT2RM2000624,	NT2RM2000714,	NT2RM2000821,	NT2RM2001035,
45	NT2RM2001575,	NT2RM2001652,	NT2RM2001664,	NT2RM2001668,	NT2RM2001698,	NT2RM2001803,
	NT2RM2001839,	NT2RM4000155,	NT2RM4000471,	NT2RM4000486,	NT2RM4000657,	NT2RM4000751,
	NT2RM4000996,	NT2RM4001629,	NT2RM4001810,	NT2RM4001819,	NT2RM4001865,	NT2RM4001876,
	NT2RM4001940,	NT2RM4002066,	NT2RM4002093,	NT2RM4002146,	NT2RM4002161,	NT2RM4002323,
	NT2RM4002558,	NT2RM4002571,	NT2RP1000086,	NT2RP1000574,	NT2RP1000738,	NT2RP1000825,
50	NT2RP1000833,	NT2RP1000959,	NT2RP1000966,	NT2RP1001013,	NT2RP1001185,	NT2RP1001482,
	NT2RP1001665,	NT2RP2000070,	NT2RP2000147,	NT2RP2000224,	NT2RP2000248,	NT2RP2000297,
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	NT2RP2001233,	NT2RP2001327,	NT2RP2001378,	NT2RP2001394,	NT2RP2001397,	NT2RP2001460,
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55	NT2RP2002124,	NT2RP2002325,	NT2RP2002503,	NT2RP2002959,	NT2RP2003000,	NT2RP2003157,
	NT2RP2003164,	NT2RP2003228,	NT2RP2003295,	NT2RP2003517,	NT2RP2003564,	NT2RP2003604,
	NT2RP2003714,	NT2RP2003737,	NT2RP2003952,	NT2RP2004013,	NT2RP2004170,	NT2RP2004587,
	NT2RP2004732,	NT2RP2004933,	NT2RP2005003,	NT2RP2005144,	NT2RP2005239,	NT2RP2005276,

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5	NT2RP3000875,	NT2RP3001057,	NT2RP3001081,	NT2RP3001216,	NT2RP3001307,	NT2RP3001338,
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	NT2RP3001969,	NT2RP3002056,	NT2RP3002062,	NT2RP3002151,	NT2RP3002351,	NT2RP3002399,
	NT2RP3002953,	NT2RP3002988,	NT2RP3003078,	NT2RP3003251,	NT2RP3003282,	NT2RP3003313,
	NT2RP3003327,	NT2RP3003409,	NT2RP3003672,	NT2RP3003831,	NT2RP3004016,	NT2RP3004078,
10	NT2RP3004209,	NT2RP3004258,	NT2RP3004490,	NT2RP3004534,	NT2RP3004569,	NT2RP3004572,
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	NT2RP4001407,	NT2RP4001433,	NT2RP4001483,	NT2RP4001575,	NT2RP4001760,	NT2RP4001861,
	NT2RP4002078,	NT2RP4002791,	OVARC1000014,	OVARC1000139,	OVARC1000520,	OVARC1000722,
15	OVARC1000771,	OVARC1000834,	OVARC1001051,	OVARC1001113,	OVARC1001244,	OVARC1001372,
	OVARC1001417,	OVARC1001496,	OVARC1001506,	OVARC1001577,	OVARC1001726,	OVARC1001766,
	OVARC1001809,	OVARC1002165,	PLACE1000133,	PLACE1000383,	PLACE1000420,	PLACE1000583,
	PLACE1000588,	PLACE1001171,	PLACE1001387,	PLACE1001602,	PLACE1002046,	PLACE1002140,
20	PLACE1002437,	PLACE1002474,	PLACE1002685,	PLACE1002782,	PLACE1002834,	PLACE1002908,
	PLACE1003045,	PLACE1003302,	PLACE1003353,	PLACE1003366,	PLACE1003493,	PLACE1003669,
	PLACE1003704,	PLACE1003903,	PLACE1003968,	PLACE1004183,	PLACE1004197,	PLACE1004277,
	PLACE1004316,	PLACE1004358,	PLACE1004471,	PLACE1004506,	PLACE1004510,	PLACE1004674,
	PLACE1004777,	PLACE1004814,	PLACE1005494,	PLACE1006040,	PLACE1006170,	PLACE1006438,
	PLACE1006615,	PLACE1007140,	PLACE1007239,	PLACE1007257,	PLACE1007511,	PLACE1007598,
25	PLACE1008177,	PLACE1008356,	PLACE1008402,	PLACE1008696,	PLACE1009027,	PLACE1009113,
	PLACE1009158,	PLACE1009444,	PLACE1009524,	PLACE1010529,	PLACE1010870,	PLACE1010896,
	PLACE1011635,	PLACE1011858,	PLACE1011922,	PLACE2000015,	PLACE2000072,	PLACE2000216,
	PLACE2000399,	PLACE2000438,	PLACE2000458,	PLACE3000242,	PLACE4000009,	PLACE4000014,
30	PLACE4000156,	PLACE4000369,	SKNMC1000046,	SKNMC1000050,	THYRO1000034,	THYRO1000327,
	THYRO1000343,	THYRO1000358,	THYRO1000501,	THYRO1000662,	THYRO1000684,	THYRO1000748,
	THYRO1000934,	THYRO1001120,	THYRO1001189,	THYRO1001204,	THYRO1001458,	THYRO1001617,
	THYRO1001671,	Y79AA1000346,	Y79AA1000469,	Y79AA1000560,	Y79AA1000734,	Y79AA1000782,
	Y79AA1001391,	Y79AA1001548,	Y79AA1001594,	Y79AA1001711,	Y79AA1001874,	Y79AA1002204,
	Y79AA1002210,	Y79AA1002258,	Y79AA1002472,	Y79AA1002482,		
35	[0280] Among them, Swiss-Prot database search and GenBank or UniGene database search revealed that the following 380 clones matched the data of genes or proteins which had been registered in the database of Online Mendelian Inheritance in Man (OMIM) (http://www.ncbi.nlm.nih.gov/Omim/), which is a database of human genes and diseases. (The corresponding OMIM numbers are parenthetically indicated following the clone names.)					
	HEMBB1000985(147485),	HEMBB1001068(603142),	HEMBB1001282(182900),	HEMBB1001339(300080),		
40	HEMBB1001482(603971),	HEMBB1001564(603931),	HEMBB1001802(125660),	HEMBB1001905(190370),		
	HEMBB1001908(601408),	HEMBB1002217(603971),	HEMBB1002477(604439),	MAMMA1000388(604865),		
	MAMMA1000731(602118),	MAMMA1001305(602732),	MAMMA1001633(600834),	MAMMA1001868(190370),		
	MAMMA1002170(603624),	MAMMA1002198(600538),	MAMMA1002268(603730),	MAMMA1002485(603665),		
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50	NT2RM2001575(109092),	NT2RM2001652(604141),	NT2RM2001664(603722),	NT2RM2001668(602952),		
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55	NT2RM4002146(602603),	NT2RM4002161(254780),	NT2RM4002558(604194),	NT2RM4002571(602274),		
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	NT2RP1001482(600586),	NT2RP1001665(114180),	NT2RP2000070(600976),	NT2RP2000147(603535),		

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	NT2RP2000248(603367), NT2RP2000420(600834), NT2RP2001233(603971), NT2RP2001397(602755),	NT2RP2000297(602277), NT2RP2000523(600130), NT2RP2001327(191161), NT2RP2001460(190370),	NT2RP2000310(239500), NT2RP2000809(603885), NT2RP2001378(158370), NT2RP2001520(603667),	NT2RP2000414(601037), NT2RP2000812(160777), NT2RP2001394(300208), NT2RP2001536(600675),
5	NT2RP2001876(601833), NT2RP2002124(603486), NT2RP2003000(191161), NT2RP2003295(603494), NT2RP2003714(603971),	NT2RP2001898(147264), NT2RP2002325(603866), NT2RP2003157(601940), NT2RP2003517(190040), NT2RP2003737(602962),	NT2RP2002025(601581), NT2RP2002503(601781), NT2RP2003164(604746), NT2RP2003564(109092), NT2RP2003952(602675),	NT2RP2002058(604737), NT2RP2002959(602962), NT2RP2003228(602638), NT2RP2003604(604785), NT2RP2004013(602542),
10	NT2RP2004170(300196), NT2RP2005003(109092), NT2RP2005288(603524), NT2RP2005358(603573), NT2RP2005525(602655),	NT2RP2004587(162250), NT2RP2005144(604730), NT2RP2005315(604039), NT2RP2005407(167040), NT2RP2005719(601178),	NT2RP2004732(162250), NT2RP2005239(603485), NT2RP2005325(603759), NT2RP2005436(601940), NT2RP2006043(601940),	NT2RP2004933(603289), NT2RP2005276(602371), NT2RP2005336(190370), NT2RP2005476(602680), NT2RP2006071(604299),
15	NT2RP2006219(601279), NT2RP3000068(182530), NT2RP3000596(190370), NT2RP3001081(603524), NT2RP3001428(189940),	NT2RP2006312(603111), NT2RP3000085(300032), NT2RP3000739(125370), NT2RP3001216(603121), NT2RP3001723(604569),	NT2RP2006456(604619), NT2RP3000299(602941), NT2RP3000753(162230), NT2RP3001307(180069), NT2RP3001855(602100),	NT2RP3000050(603971), NT2RP3000403(604981), NT2RP3001057(603971), NT2RP3001338(314998), NT2RP3001898(604561),
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30	NT2RP4002078(603971), OVARC1000520(604126), OVARC1001113(602121), OVARC1001496(602619), OVARC1001766(603910),	NT2RP4002791(189940), OVARC1000722(604014), OVARC1001244(601540), OVARC1001506(601313), OVARC1001809(603730),	OVARC1000014(603371), OVARC1000771(179509), OVARC1001372(603145), OVARC1001577(603269), PLACE1000133(602542),	OVARC1000139(603486), OVARC1001051(600051), OVARC1001417(300182), OVARC1001726(300103), PLACE1000383(300171),
35	PLACE1000420(600312), PLACE1001387(600206), PLACE1002437(600046), PLACE1002834(194558), PLACE1003353(604704),	PLACE1000583(194558), PLACE1001602(604913), PLACE1002474(602108), PLACE1002908(604327), PLACE1003366(603681),	PLACE1000588(600411), PLACE1002046(151625), PLACE1002685(604515), PLACE1003045(173910), PLACE1003493(601456),	PLACE1001171(310400), PLACE1002140(603748), PLACE1002782(602095), PLACE1003302(194558), PLACE1003669(190370),
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45	PLACE1007239(604784), PLACE1008177(190370), PLACE1009027(300121), PLACE1009524(602488), PLACE1011635(604058),	PLACE1007257(300108), PLACE1008356(604039), PLACE1009113(600675), PLACE1010529(604834), PLACE1011858(603882),	PLACE1007511(148020), PLACE1008402(603344), PLACE1009158(604140), PLACE1010870(603971), PLACE1011922(160776),	PLACE1007598(602277), PLACE1008696(602141), PLACE1009444(600286), PLACE1010896(160776), PLACE2000015(600051),
50	PLACE2000072(603430), PLACE2000458(600976), PLACE4000156(603971), THYRO1000034(190370), THYRO1000501(109092),	PLACE2000216(182790), PLACE3000242(300132), PLACE4000369(603808), THYRO1000327(603243), THYRO1000662(278750),	PLACE2000399(313470), PLACE4000009(160776), SKNMC1000046(603144), THYRO1000343(125370), THYRO1000684(603885),	PLACE2000438(602273), PLACE4000014(300032), SKNMC1000050(114230), THYRO1000358(604188), THYRO1000748(300023),
55	THYRO1000934(179035), THYRO1001458(160776), Y79AA1000469(602434), Y79AA1001391(142959),	THYRO1001120(602582), THYRO1001617(602744), Y79AA1000560(601026), Y79AA1001548(600286),	THYRO1001189(603971), THYRO1001671(603281), Y79AA1000734(603867), Y79AA1001594(600936),	1001204(603169), Y79AA1000346(604355), Y79AA1000782(600417), Y79AA1001711(600063),

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Y79AA1001874(600315), Y79AA1002204(605033), Y79AA1002210(191161), Y79AA1002472(603971),
Y79AA1002482(603971),

[0281] The following 425 clones presumably belong to enzymes and/or metabolism-associated proteins.

	HEMBA1000012,	HEMBA1000129,	HEMBA1000141,	HEMBA1000150,	HEMBA1000542,	HEMBA1000852,
5	HEMBA1001019,	HEMBA1001257,	HEMBA1001526,	HEMBA1001620,	HEMBA1001866,	HEMBA1001896,
	HEMBA1002212,	HEMBA1002513,	HEMBA1002746,	HEMBA1002973,	HEMBA1003046,	HEMBA1003136,
	HEMBA1003179,	HEMBA1003250,	HEMBA1003291,	HEMBA1003408,	HEMBA1003538,	HEMBA1003679,
	HEMBA1003680,	HEMBA1004199,	HEMBA1004227,	HEMBA1004408,	HEMBA1004509,	HEMBA1004734,
	HEMBA1004768,	HEMBA1005394,	HEMBA1005513,	HEMBA1005737,	HEMBA1005815,	HEMBA1006031,
10	HEMBA1006272,	HEMBA1006278,	HEMBA1006291,	HEMBA1006309,	HEMBA1006347,	HEMBA1006485,
	HEMBA1006521,	HEMBA1006624,	HEMBA1006885,	HEMBA1006976,	HEMBA1007121,	HEMBA1007224,
	HEMBA1007243,	HEMBA1007300,	HEMBB1000083,	HEMBB1000217,	HEMBB1000915,	HEMBB1000947,
	HEMBB1001137,	HEMBB1001346,	HEMBB1001429,	HEMBB1001443,	HEMBB1001915,	HEMBB1001950,
	HEMBB1002042,	MAMMA1000020,	MAMMA1000085,	MAMMA1000672,	MAMMA1000713,	MAMMA1000841,
15	MAMMA1000897,	MAMMA1001008,	MAMMA1001038,	MAMMA1001059,	MAMMA1001476,	MAMMA1001501,
	MAMMA1002268,	MAMMA1002470,	MAMMA1002530,	MAMMA1002573,	MAMMA1002619,	MAMMA1002655,
	MAMMA1002671,	MAMMA1003013,	MAMMA1003035,	NT2RM1000039,	NT2RM1000132,	NT2RM1000153,
	NT2RM1000256,	NT2RM1000280,	NT2RM1000377,	NT2RM1000553,	NT2RM1000648,	NT2RM1000702,
	NT2RM1000894,	NT2RM1001072,	NT2RM1001115,	NT2RM2000013,	NT2RM2000092,	NT2RM2000322,
20	NT2RM2000368,	NT2RM2000371,	NT2RM2000469,	NT2RM2000504,	NT2RM2000577,	NT2RM2000594,
	NT2RM2000951,	NT2RM2001238,	NT2RM2001547,	NT2RM2001632,	NT2RM2001664,	NT2RM2001698,
	NT2RM2001700,	NT2RM2001730,	NT2RM2001782,	NT2RM2001803,	NT2RM2001886,	NT2RM2001935,
	NT2RM2001997,	NT2RM2002030,	NT2RM2002128,	NT2RM4000024,	NT2RM4000155,	NT2RM4000344,
	NT2RM4000471,	NT2RM4000616,	NT2RM4000657,	NT2RM4000712,	NT2RM4000820,	NT2RM4001313,
25	NT2RM4001316,	NT2RM4001444,	NT2RM4001592,	NT2RM4001758,	NT2RM4001819,	NT2RM4001880,
	NT2RM4002062,	NT2RM4002063,	NT2RM4002189,	NT2RM4002213,	NT2RM4002251,	NT2RM4002409,
	NT2RM4002547,	NT2RM4002623,	NT2RP1000376,	NT2RP1000443,	NT2RP1000522,	NT2RP1000834,
	NT2RP1000942,	NT2RP1001079,	NT2RP1001185,	NT2RP1001253,	NT2RP1001361,	NT2RP1001543,
	NT2RP2000056,	NT2RP2000114,	NT2RP2000183,	NT2RP2000248,	NT2RP2000329,	NT2RP2000422,
30	NT2RP2000448,	NT2RP2000668,	NT2RP2000710,	NT2RP2000816,	NT2RP2001070,	NT2RP2001392,
	NT2RP2001601,	NT2RP2001663,	NT2RP2001740,	NT2RP2001748,	NT2RP2001898,	NT2RP2002124,
	NT2RP2002256,	NT2RP2002609,	NT2RP2002618,	NT2RP2002959,	NT2RP2002993,	NT2RP2003230,
	NT2RP2003286,	NT2RP2003401,	NT2RP2003506,	NT2RP2003543,	NT2RP2003643,	NT2RP2003702,
	NT2RP2003704,	NT2RP2003713,	NT2RP2003737,	NT2RP2003840,	NT2RP2003912,	NT2RP2003952,
35	NT2RP2004098,	NT2RP2004239,	NT2RP2004245,	NT2RP2004768,	NT2RP2004791,	NT2RP2004799,
	NT2RP2004933,	NT2RP2005038,	NT2RP2005139,	NT2RP2005162,	NT2RP2005204,	NT2RP2005239,
	NT2RP2005276,	NT2RP2005344,	NT2RP2005360,	NT2RP2005457,	NT2RP2005498,	NT2RP2005549,
	NT2RP2005557,	NT2RP2005605,	NT2RP2005635,	NT2RP2005723,	NT2RP2005773,	NT2RP2005775,
	NT2RP2005776,	NT2RP2005784,	NT2RP2005835,	NT2RP2005942,	NT2RP2006534,	NT2RP2006571,
40	NT2RP2006573,	NT2RP3000031,	NT2RP3000085,	NT2RP3000207,	NT2RP3000359,	NT2RP3000578,
	NT2RP3000742,	NT2RP3000845,	NT2RP3000875,	NT2RP3000917,	NT2RP3001055,	NT2RP3001221,
	NT2RP3001495,	NT2RP3001898,	NT2RP3001938,	NT2RP3002303,	NT2RP3002351,	NT2RP3002501,
	NT2RP3002602,	NT2RP3002628,	NT2RP3002663,	NT2RP3003301,	NT2RP3003385,	NT2RP3003490,
	NT2RP3003659,	NT2RP3003825,	NT2RP3003831,	NT2RP3003846,	NT2RP3003914,	NT2RP3004148,
45	NT2RP3004209,	NT2RP3004378,	NT2RP3004669,	NT2RP3004670,	NT2RP4000259,	NT2RP4000312,
	NT2RP4000367,	NT2RP4000417,	NT2RP4000457,	NT2RP4000657,	NT2RP4000817,	NT2RP4000855,
	NT2RP4000879,	NT2RP4000927,	NT2RP4000973,	NT2RP4000997,	NT2RP4001041,	NT2RP4001079,
	NT2RP4001095,	NT2RP4001143,	NT2RP4001219,	NT2RP4001375,	NT2RP4001389,	NT2RP4001483,
	NT2RP4001555,	NT2RP4001592,	NT2RP4001644,	NT2RP4001730,	NT2RP4001946,	NT2RP4002408,
50	NT2RP5003500,	NT2RP5003522,	OVARC1000013,	OVARC1000060,	OVARC1000139,	OVARC1000288,
	OVARC1000309,	OVARC1000473,	OVARC1000556,	OVARC1000682,	OVARC1000722,	OVARC1000751,
	OVARC1000885,	OVARC1000915,	OVARC1001107,	OVARC1001713,	OVARC1001762,	OVARC1001809,
	OVARC1001942,	OVARC1002156,	OVARC1002165,	PLACE1000007,	PLACE1000142,	PLACE1000185,
	PLACE1000213,	PLACE1000383,	PLACE1000420,	PLACE1000547,	PLACE1000653,	PLACE1000755,
55	PLACE1001054,	PLACE1001062,	PLACE1001672,	PLACE1001692,	PLACE1001748,	PLACE1001781,
	PLACE1001817,	PLACE1001869,	PLACE1001989,	PLACE1002073,	PLACE1002598,	PLACE1002908,
	PLACE1002991,	PLACE1003174,	PLACE1003176,	PLACE1003709,	PLACE1003885,	PLACE1003888,
	PLACE1003903,	PLACE1003915,	PLACE1004270,	PLACE1004428,	PLACE1004437,	PLACE1004751,

- PLACE1004804, PLACE1004918, PLACE1005243, PLACE1005305, PLACE1005373, PLACE1005656,
 PLACE1005763, PLACE1005804, PLACE1005953, PLACE1005955, PLACE1006011, PLACE1006469,
 PLACE1006534, PLACE1006626, PLACE1006731, PLACE1006819, PLACE1006829, PLACE1006878,
 PLACE1007226, PLACE1007416, PLACE1007649, PLACE1007706, PLACE1007729, PLACE1007954,
 5 PLACE1007958, PLACE1008111, PLACE1008275, PLACE1008330, PLACE1008643, PLACE1009094,
 PLACE1009130, PLACE1009444, PLACE1009763, PLACE1009861, PLACE1009992, PLACE1009997,
 PLACE1010096, PLACE1010362, PLACE1010481, PLACE1010662, PLACE1011046, PLACE1011219,
 PLACE1011229, PLACE1011332, PLACE1011635, PLACE1011923, PLACE2000021, PLACE2000034,
 PLACE2000398, PLACE2000404, PLACE2000438, PLACE3000009, PLACE3000020, PLACE3000059,
 10 PLACE3000147, PLACE3000339, PLACE3000350, PLACE4000063, PLACE4000100, PLACE4000401,
 PLACE4000548, PLACE4000654, SKNMC1000050, THYRO1000072, THYRO1000197, THYRO1000288,
 THYRO1000605, THYRO1000662, THYRO1000756, THYRO1000852, THYRO1000926, THYRO 1000934,
 THYRO1000951, THYRO 1000983, THYRO1001003, THYRO1001287, THYRO1001374, THYRO1001406,
 THYRO1001617, THYRO1001671, THYRO1001738, Y79AA1000782, Y79AA1001048, Y79AA1001233,
 15 Y79AA1001394, Y79AA1001493, Y79AA1001548, Y79AA1001581, Y79AA1001603, Y79AA1001827,
 Y79AA1002027, Y79AA1002209, Y79AA1002211, Y79AA1002361, Y79AA1002416,
 [0282] The following 217 clones presumably belong to a group of cDNAs encoding ATP- and/or GTP-binding proteins.
 HEMBA1000012, HEMBA1000129, HEMBA1000185, HEMBA1000491, HEMBA1000531, HEMBA1001019,
 HEMBA1001174, HEMBA1001387, HEMBA1001595, HEMBA1001723, HEMBA1001913, HEMBA1002161,
 20 HEMBA1002212, HEMBA1002876, HEMBA1002997, HEMBA1003250, HEMBA1003291, HEMBA1003369,
 HEMBA1003555, HEMBA1003560, HEMBA1004131, HEMBA1004199, HEMBA1004202, HEMBA1004354,
 HEMBA1004697, HEMBA1005047, HEMBA1005595, HEMBA1007018, HEMBA1007151, HEMBB1000083,
 HEMBB1000226, HEMBB1000264, HEMBB1000632, HEMBB1000725, HEMBB1001294, HEMBB1002193,
 MAMMA1000085, MAMMA1000612, MAMMA1000731, MAMMA1000738, MAMMA1001038, MAMMA1001735,
 25 MAMMA1001768, MAMMA1003127, NT2RM1000187, NT2RM1000388, NT2RM1000702, NT2RM1000772,
 NT2RM1000924, NT2RM2000469, NT2RM2000577, NT2RM2000740, NT2RM2001100, NT2RM2001201,
 NT2RM2001345, NT2RM2001823, NT2RM2002128, NT2RM4000155, NT2RM4000191, NT2RM4000356,
 NT2RM4000496, NT2RM4000611, NT2RM4000733, NT2RM4000820, NT2RM4001084, NT2RM4001178,
 NT2RM4001344, NT2RM4001444, NT2RM4001592, NT2RM4001714, NT2RM4001758, NT2RM4001880,
 30 NT2RM4002062, NT2RM4002174, NT2RM4002205, NT2RM4002527, NT2RM4002594, NT2RM4002623,
 NT2RP1000470, NT2RP1000478, NT2RP1000915, NT2RP1000958, NT2RP1001080, NT2RP1001410,
 NT2RP1001569, NT2RP2000126, NT2RP2000258, NT2RP2000329, NT2RP2000660, NT2RP2000668,
 NT2RP2000710, NT2RP2000812, NT2RP2000880, NT2RP2001245, NT2RP2001392, NT2RP2002606,
 NT2RP2003277, NT2RP2003912, NT2RP2004538, NT2RP2004568,
 35 NT2RP2004689, NT2RP2004768, NT2RP2004791, NT2RP2004920, NT2RP2005344, NT2RP2005393,
 NT2RP2005763, NT2RP2006534, NT2RP3000046, NT2RP3000252, NT2RP3000350, NT2RP3000359,
 NT2RP3000366, NT2RP3000397, NT2RP3000759, NT2RP3000845, NT2RP3000875, NT2RP3001150,
 NT2RP3001427, NT2RP3001453, NT2RP3001529, NT2RP3001730, NT2RP3001799, NT2RP3001857,
 NT2RP3001938, NT2RP3002007, NT2RP3002151, NT2RP3002330, NT2RP3002399, NT2RP3002671,
 40 NT2RP3003301, NT2RP3003353, NT2RP3003589, NT2RP3003809, NT2RP3003876, NT2RP3004189,
 NT2RP3004428, NT2RP3004578, NT2RP4000290, NT2RP4000481, NT2RP4000518, NT2RP4000781,
 NT2RP4000839, NT2RP4000929, NT2RP4001041, NT2RP4001079, NT2RP4001375, NT2RP4001414,
 NT2RP4001592, NT2RP4001634, NT2RP4001644, NT2RP4001656, NT2RP4001896, NT2RP4002047,
 NT2RP4002058, NT2RP4002408, NT2RP5003477, OVARC1000013, OVARC1000304, OVARC1000556,
 45 OVARC1000771, OVARC1000800, OVARC1001068, OVARC1002138, PLACE1000040, PLACE1000588,
 PLACE1001104, PLACE1001739, PLACE1002433, PLACE1002437, PLACE1002714, PLACE1003394,
 PLACE1003521, PLACE1003915, PLACE1004902, PLACE1005243, PLACE1005305, PLACE1005549,
 PLACE1005739, PLACE1005921, PLACE1006119, PLACE1006196, PLACE1006552, PLACE1006956,
 PLACE1007409, PLACE1007697, PLACE1007946, PLACE1008244, PLACE1009404, PLACE1009476,
 50 PLACE1009596, PLACE1009908, PLACE1010134, PLACE1010720, PLACE1010896, PLACE1011109,
 PLACE1011114, PLACE1011310, PLACE1011922, PLACE2000014, PLACE2000039, PLACE2000274,
 PLACE2000404, PLACE2000427, PLACE3000350, PLACE4000009, PLACE4000014, PLACE4000326,
 SKNMC1000013, THYRO1000072, THYRO1001458, Y79AA1000833, Y79AA1000962, Y79AA1001394,
 Y79AA1001875, Y79AA1001963, Y79AA1002209,
 55 [0283] The following 320 clones presumably belong to nuclear proteins.
 HEMBA1000005, HEMBA1000158, HEMBA1000216, HEMBA1000561, HEMBA1000591, HEMBA1001088,
 HEMBA1001137, HEMBA1001405, HEMBA1001510, HEMBA1001579, HEMBA1001809, HEMBA1001819,
 HEMBA1001824, HEMBA1001847, HEMBA1001869, HEMBA1002177, HEMBA1002241, HEMBA1002495,

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	HEMBA1002569,	HEMBA1002935,	HEMBA1002951,	HEMBA1002999,	HEMBA1003408,	HEMBA1003545,
	HEMBA1003662,	HEMBA1003684,	HEMBA1003690,	HEMBA1003760,	HEMBA1004203,	HEMBA1004321,
	HEMBA1004353,	HEMBA1004479,	HEMBA1004973,	HEMBA1005219,	HEMBA1005359,	HEMBA1005558,
	HEMBA1005931,	HEMBA1006278,	HEMBA1006283,	HEMBA1006359,	HEMBA1006485,	HEMBA1007087,
5	HEMBB1000226,	HEMBB1000789,	HEMBB1001011,	HEMBB1001056,	HEMBB1001242,	HEMBB1001482,
	HEMBB1001915,	HEMBB1002134,	HEMBB1002217,	MAMMA1000183,	MAMMA1000731,	MAMMA1001105,
	MAMMA1001222,	MAMMA1001260,	MAMMA1001633,	MAMMA1001743,	MAMMA1001837,	MAMMA1002617,
	MAMMA1002869,	MAMMA1002937,	MAMMA1003011,	NT2RM1000086,	NT2RM1000187,	NT2RM1000666,
	NT2RM1000885,	NT2RM1000894,	NT2RM1001059,	NT2RM1001092,	NT2RM2000013,	NT2RM2000588,
10	NT2RM2000624,	NT2RM2000735,	NT2RM2000740,	NT2RM2001105,	NT2RM2001635,	NT2RM2001670,
	NT2RM2001771,	NT2RM2001823,	NT2RM2001936,	NT2RM2001989,	NT2RM2002004,	NT2RM2002088,
	NT2RM2002091,	NT2RM4000024,	NT2RM4000046,	NT2RM4000104,	NT2RM4000202,	NT2RM4000215,
	NT2RM4000290,	NT2RM4000531,	NT2RM4000751,	NT2RM4000996,	NT2RM4001092,	NT2RM4001140,
	NT2RM4001200,	NT2RM4001483,	NT2RM4001566,	NT2RM4001592,		
15	NT2RM4001597,	NT2RM4001783,	NT2RM4001823,	NT2RM4001828,	NT2RM4001858,	NT2RM4001979,
	NT2RP1000035,	NT2RP1000111,	NT2RP1000493,	NT2RP1000574,	NT2RP1000630,	NT2RP1000902,
	NT2RP1000915,	NT2RP1000958,	NT2RP1000966,	NT2RP1001013,	NT2RP1001177,	NT2RP2000008,
	NT2RP2000076,	NT2RP2000126,	NT2RP2000153,	NT2RP2000161,	NT2RP2000248,	NT2RP2000258,
	NT2RP2000297,	NT2RP2000420,	NT2RP2000931,	NT2RP2001233,	NT2RP2001420,	NT2RP2001756,
20	NT2RP2001869,	NT2RP2002079,	NT2RP2002270,	NT2RP2002503,	NT2RP2002591,	NT2RP2002880,
	NT2RP2002939,	NT2RP2002993,	NT2RP2003137,	NT2RP2003157,	NT2RP2003277,	NT2RP2003286,
	NT2RP2003308,	NT2RP2003347,	NT2RP2003714,	NT2RP2003912,	NT2RP2004013,	NT2RP2004187,
	NT2RP2004689,	NT2RP2004920,	NT2RP2005393,	NT2RP2005436,	NT2RP2005496,	NT2RP2005539,
	NT2RP2005701,	NT2RP2005767,	NT2RP2005776,	NT2RP2005933,	NT2RP2005942,	NT2RP2006043,
25	NT2RP2006436,	NT2RP3000031,	NT2RP3000050,	NT2RP3000397,	NT2RP3000512,	NT2RP3000527,
	NT2RP3000590,	NT2RP3000603,	NT2RP3000632,	NT2RP3000917,	NT2RP3001057,	NT2RP3001107,
	NT2RP3001120,	NT2RP3001253,	NT2RP3001338,	NT2RP3001384,	NT2RP3001398,	NT2RP3001427,
	NT2RP3001428,	NT2RP3001472,	NT2RP3001646,	NT2RP3001671,	NT2RP3001792,	NT2RP3001855,
	NT2RP3002056,	NT2RP3002165,	NT2RP3002399,	NT2RP3002876,	NT2RP3003193,	NT2RP3003212,
30	NT2RP3003555,	NT2RP3004016,	NT2RP3004206,	NT2RP3004424,	NT2RP3004428,	NT2RP3004566,
	NT2RP3004617,	NT2RP4000078,	NT2RP4000111,	NT2RP4000210,	NT2RP4000398,	NT2RP4000481,
	NT2RP4000518,	NT2RP4000997,	NT2RP4001148,	NT2RP4001206,	NT2RP4001213,	NT2RP4001433,
	NT2RP4001568,	NT2RP4001638,	NT2RP4001696,	NT2RP4001753,	NT2RP4001938,	NT2RP4002058,
	NT2RP4002078,	NT2RP4002081,	NT2RP4002791,	OVARC1000006,	OVARC1000087,	OVARC1000091,
35	OVARC1000241,	OVARC1000326,	OVARC1000556,	OVARC1000846,	OVARC1001038,	OVARC1001180,
	OVARC1001232,	OVARC1001271,	OVARC1001306,	OVARC1001436,	OVARC1002112,	PLACE1000133,
	PLACE1000184,	PLACE1000406,	PLACE1000583,	PLACE1000596,	PLACE1000979,	PLACE1001118,
	PLACE1001383,	PLACE1001632,	PLACE1002171,	PLACE1002433,	PLACE1002438,	PLACE1002532,
	PLACE1002775,	PLACE1002816,	PLACE1002834,	PLACE1003100,	PLACE1003190,	PLACE1003302,
40	PLACE1003519,	PLACE1003521,	PLACE1003605,	PLACE1003704,	PLACE1003738,	PLACE1003885,
	PLACE1003923,	PLACE1004302,	PLACE1004471,	PLACE1004564,	PLACE1004814,	PLACE1004902,
	PLACE1005287,	PLACE1005876,	PLACE1005966,	PLACE1006167,	PLACE1006438,	PLACE1006482,
	PLACE1006829,	PLACE1006878,	PLACE1006917,	PLACE1007014,	PLACE1007547,	PLACE1007598,
	PLACE1007688,	PLACE1007969,	PLACE1008044,	PLACE1008132,	PLACE1008603,	PLACE1009099,
45	PLACE1009130,	PLACE1009308,	PLACE1009398,	PLACE1010134,	PLACE1010194,	PLACE1010702,
	PLACE1010720,	PLACE1010870,	PLACE1011056,	PLACE1011433,	PLACE1011664,	PLACE2000014,
	PLACE2000427,	PLACE3000009,	PLACE3000169,	PLACE4000014,	PLACE4000156,	PLACE4000192,
	PLACE4000261,	PLACE4000326,	PLACE4000489,	SKNMC1000011,	THYRO1000085,	THYRO1000242,
	THYRO1000585,	THYRO1001100,	THYRO1001189,	THYRO1001809,	Y79AA1000037,	Y79AA1000214,
50	Y79AA1000231,	Y79AA1000589,	Y79AA1000752,	Y79AA1001391,	Y79AA1001613,	Y79AA1001705,
	Y79AA1001963,	Y79AA1002431,	Y79AA1002472,	Y79AA1002482		

[0284] The following 292 clones presumably belong to DNA- and/or RNA-binding proteins.

	HEMBA1000158,	HEMBA1000216,	HEMBA1000561,	HEMBA1000591,	HEMBA1000851,	HEMBA1001088,
	HEMBA1001137,	HEMBA1001405,	HEMBA1001510,	HEMBA1001804,	HEMBA1001809,	HEMBA1001819,
55	HEMBA1001847,	HEMBA1001869,	HEMBA1002177,	HEMBA1002935,	HEMBA1003408,	HEMBA1003545,
	HEMBA1003568,	HEMBA1003591,	HEMBA1003662,	HEMBA1003684,	HEMBA1003760,	HEMBA1003783,
	HEMBA1003805,	HEMBA1003953,	HEMBA1004321,	HEMBA1004354,	HEMBA1004389,	HEMBA1004479,
	HEMBA1004669,	HEMBA1004847,	HEMBA1004973,	HEMBA1005202,	HEMBA1005359,	HEMBA1005931,

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	HEMBA1006248,	HEMBA1006278,	HEMBA1006283,	HEMBA1006359,	HEMBA1006652,	HEMBA1007087,
	HEMBA1007194,	HEMBA1000264,	HEMBA1000789,	HEMBA1001011,	HEMBA1001482,	HEMBA1001736,
	HEMBA1001749,	HEMBA1001839,	HEMBA1002217,	MAMMA1000183,	MAMMA1000284,	MAMMA1000731,
	MAMMA1001105,	MAMMA1001222,	MAMMA1001260,	MAMMA1001743,	MAMMA1001837,	MAMMA1002385,
5	MAMMA1002617,	MAMMA1002869,	MAMMA1002937,	MAMMA1003011,	NT2RM1000086,	NT2RM1000539,
	NT2RM1000555,	NT2RM1000666,	NT2RM1000691,	NT2RM1000826,	NT2RM1000885,	NT2RM1001059,
	NT2RM1001092,	NT2RM2000371,	NT2RM2000624,	NT2RM2000735,	NT2RM2001105,	NT2RM2001424,
	NT2RM2001575,	NT2RM2001605,	NT2RM2001670,	NT2RM2001771,	NT2RM2001823,	NT2RM2001989,
	NT2RM2002004,	NT2RM2002014,	NT2RM2002088,	NT2RM2002091,	NT2RM4000046,	NT2RM4000104,
10	NT2RM4000167,	NT2RM4000191,	NT2RM4000202,	NT2RM4000531,	NT2RM4000595,	NT2RM4000733,
	NT2RM4000751,	NT2RM4000996,	NT2RM4001092,	NT2RM4001140,		
	NT2RM4001178,	NT2RM4001200,	NT2RM4001483,	NT2RM4001592,	NT2RM4001783,	NT2RM4001823,
	NT2RM4001828,	NT2RM4001858,	NT2RM4001880,	NT2RM4001979,	NT2RM4002093,	NT2RM4002109,
	NT2RP1000470,	NT2RP1000493,	NT2RP1000574,	NT2RP1000902,	NT2RP1000966,	NT2RP1001013,
15	NT2RP1001073,	NT2RP1001080,	NT2RP2000008,	NT2RP2000153,	NT2RP2000258,	NT2RP2000297,
	NT2RP2001127,	NT2RP2001174,	NT2RP2001233,	NT2RP2001511,	NT2RP2001756,	NT2RP2001869,
	NT2RP2002079,	NT2RP2002099,	NT2RP2002503,	NT2RP2002591,	NT2RP2002939,	NT2RP2003157,
	NT2RP2003329,	NT2RP2003347,	NT2RP2003480,	NT2RP2003522,	NT2RP2003564,	NT2RP2003714,
	NT2RP2004187,	NT2RP2004568,	NT2RP2004920,	NT2RP2005003,	NT2RP2005139,	NT2RP2005168,
20	NT2RP2005436,	NT2RP2005496,	NT2RP2005701,	NT2RP2005763,	NT2RP2005776,	NT2RP2005942,
	NT2RP2006043,	NT2RP2006436,	NT2RP2006464,	NT2RP3000050,	NT2RP3000512,	NT2RP3000527,
	NT2RP3000562,	NT2RP3000590,	NT2RP3000603,	NT2RP3000624,	NT2RP3000632,	NT2RP3000994,
	NT2RP3001057,	NT2RP3001107,	NT2RP3001120,	NT2RP3001150,	NT2RP3001155,	NT2RP3001338,
	NT2RP3001398,	NT2RP3001472,	NT2RP3001672,	NT2RP3001688,	NT2RP3001724,	NT2RP3001792,
25	NT2RP3001855,	NT2RP3002165,	NT2RP3002399,	NT2RP3002876,	NT2RP3003138,	NT2RP3003193,
	NT2RP3003251,	NT2RP3003327,	NT2RP3003555,	NT2RP3004013,	NT2RP3004078,	NT2RP3004428,
	NT2RP3004490,	NT2RP3004566,	NT2RP3004594,	NT2RP3004617,	NT2RP3004618,	NT2RP4000111,
	NT2RP4000398,	NT2RP4000455,	NT2RP4000518,	NT2RP4000648,	NT2RP4000865,	NT2RP4000929,
	NT2RP4001080,	NT2RP4001095,	NT2RP4001213,	NT2RP4001433,	NT2RP4001568,	NT2RP4001696,
30	NT2RP4001753,	NT2RP4001838,	NT2RP4001938,	NT2RP4002078,	OVARC1000006,	OVARC1000087,
	OVARC1000241,	OVARC1000746,	OVARC1000846,	OVARC1001232,	OVARC1001271,	OVARC1001306,
	OVARC1001987,	OVARC1002112,	OVARC1000406,	OVARC1000583,	OVARC1000979,	OVARC1001118,
	PLACE1001632,	PLACE1001739,	PLACE1002438,	PLACE1002532,	PLACE1002775,	PLACE1002834,
	PLACE1003302,	PLACE1003519,	PLACE1003605,	PLACE1003704,	PLACE1003738,	PLACE1003885,
35	PLACE1004471,	PLACE1004564,	PLACE1004814,	PLACE1005584,	PLACE1005876,	PLACE1005951,
	PLACE1006196,	PLACE1006482,	PLACE1006488,	PLACE1006531,	PLACE1006917,	PLACE1007346,
	PLACE1007547,	PLACE1007598,	PLACE1007688,	PLACE1007969,	PLACE1008132,	PLACE1009099,
	PLACE1009246,	PLACE1009398,	PLACE1009476,	PLACE1009622,	PLACE1010053,	PLACE1010194,
	PLACE1010702,	PLACE1010870,	PLACE1011056,	PLACE1011114,	PLACE1011433,	PLACE2000427,
40	PLACE3000009,	PLACE3000169,	PLACE4000014,	PLACE4000156,	PLACE4000192,	PLACE4000261,
	PLACE4000489,	SKNMC1000091,	THYRO1000085,	THYRO1000242,	THYRO1000501,	THYRO1001100,
	THYRO1001189,	THYRO1001809,	Y79AA1000037,	Y79AA1000349,	Y79AA1000752,	Y79AA1001211,
	Y79AA1001312,	Y79AA1001391,	Y79AA1001613,	Y79AA1002103,	Y79AA1002472,	Y79AA1002482,
	[0285] The following 66 clones presumably belong to the category of RNA synthesis-associated proteins.					
45	HEMBA1000591,	HEMBA1001579,	HEMBA1003179,	HEMBA1003591,	HEMBA1006278,	HEMBA1000226,
	NT2RM1000187,	NT2RM1000852,	NT2RM2000624,	NT2RM2001989,	NT2RM2002100,	NT2RM4000191,
	NT2RM4001178,	NT2RM4002093,	NT2RP1000035,	NT2RP1000272,	NT2RP1000470,	NT2RP1001080,
	NT2RP2000153,	NT2RP2002928,	NT2RP2003157,	NT2RP2004568,	NT2RP2005126,	NT2RP2005436,
	NT2RP2005539,	NT2RP2005605,	NT2RP2005776,	NT2RP2005942,	NT2RP2006043,	NT2RP2006238,
50	NT2RP3000361,	NT2RP3000397,	NT2RP3001671,	NT2RP3004504,	NT2RP4000078,	NT2RP4000111,
	NT2RP4000481,	NT2RP4000518,	NT2RP4000614,	NT2RP4000929,	NT2RP4001696,	NT2RP4002058,
	OVARC1001232,	OVARC1001577,	PLACE1000406,	PLACE1000596,	PLACE1000755,	PLACE1001739,
	PLACE1003704,	PLACE1003885,	PLACE1004564,	PLACE1004814,	PLACE1004902,	PLACE1005373,
	PLACE1005646,	PLACE1005876,	PLACE1006196,	PLACE1006626,	PLACE1006878,	PLACE1006917,
55	PLACE1009476,	PLACE1009925,	PLACE1010194,	PLACE1011114,	THYRO1000121,	Y79AA1001963,
	[0286] The following 183 clones presumably belong to protein synthesis-associated and/or protein transport-associated proteins.					
	HEMBA1000012,	HEMBA1000141,	HEMBA1000592,	HEMBA1003617,	HEMBA1003773,	HEMBA1004202,

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HEMBA1004276, HEMBA1004734, HEMBA1004847, HEMBA1004929, HEMBA1004930, HEMBA1005047,
HEMBA1005202, HEMBA1006031, HEMBA1006272, HEMBA1006474, HEMBA1006652, HEMBA1006914,
HEMBA1006973, HEMBA1007224, HEMBB1000915, HEMBB1001112, HEMBB1001137, HEMBB1001736,
HEMBB1001831, HEMBB1001915, MAMMA1000085, MAMMA1000734, MAMMA1001008, MAMMA1002170,
5 MAMMA1002219, MAMMA1002236, MAMMA1002619, NT2RM1000661, NT2RM1000833, NT2RM2000092,
NT2RM2000504, NT2RM2000577, NT2RM2000821, NT2RM2001201, NT2RM2001592, NT2RM2001613,
NT2RM2001648, NT2RM2001730, NT2RM2001760, NT2RM2002055, NT2RM4000155, NT2RM4000169,
NT2RM4000344, NT2RM4000356, NT2RM4000421, NT2RM4000712, NT2RM4001054, NT2RM4001203,
NT2RM4001382, NT2RM4001444, NT2RM4002062, NT2RM4002205, NT2RM4002623, NT2RP1000326,
10 NT2RP1000522, NT2RP1000547, NT2RP1000746, NT2RP1000947, NT2RP1001569, NT2RP2000147,
NT2RP2000710, NT2RP2000880, NT2RP2000943, NT2RP2001290, NT2RP2001392, NT2RP2001601,
NT2RP2001613, NT2RP2001660, NT2RP2001740, NT2RP2002124, NT2RP2002606, NT2RP2002862,
NT2RP2002959, NT2RP2002980, NT2RP2003137, NT2RP2003158, NT2RP2003391, NT2RP2003394,
NT2RP2003401, NT2RP2003433, NT2RP2003704, NT2RP2003713, NT2RP2003737, NT2RP2003760,
15 NT2RP2003981, NT2RP2004366, NT2RP2004389, NT2RP2004791, NT2RP2005012, NT2RP2005116,
NT2RP2005360, NT2RP2005763, NT2RP2005784, NT2RP3000366,
NT2RP3000759, NT2RP3000968, NT2RP3001113, NT2RP3001690, NT2RP3002045, NT2RP3002151,
NT2RP3002529, NT2RP3002671, NT2RP3003301, NT2RP3003846, NT2RP3003876, NT2RP3004209,
NT2RP4000370, NT2RP4000457, NT2RP4000879, NT2RP4000927, NT2RP4001041, NT2RP4001117,
20 NT2RP4001313, NT2RP4001315, NT2RP4001574, NT2RP4001592, OVARC1000013, OVARC1000071,
OVARC1000085, OVARC1000465, OVARC1000564, OVARC1000771, OVARC1000862, OVARC1001171,
OVARC1001180, OVARC1001342, PLACE1000007, PLACE1000061, PLACE1000081, PLACE1000492,
PLACE1000863, PLACE1001092, PLACE1001748, PLACE1002090, PLACE1003174, PLACE1003915,
PLACE1004104, PLACE1004270, PLACE1004743, PLACE1005557, PLACE1005813, PLACE1006170,
25 PLACE1006488, PLACE1006829, PLACE1007706, PLACE1007729, PLACE1008273, PLACE1008402,
PLACE1008790, PLACE1008813, PLACE1009094, PLACE1009130, PLACE1009477, PLACE1009721,
PLACE1010074, PLACE1010074, PLACE1010547, PLACE1011109, PLACE1011229, PLACE1011477,
PLACE1012031, PLACE2000404, PLACE3000059, PLACE3000121, PLACE4000269, PLACE4000654,
SKNMC1000011, THYRO1000983, THYRO1001003, THYRO1001313, Y79AA1000560, Y79AA1000784,
30 Y79AA1000968, Y79AA1001493, Y79AA1001875, Y79AA1002027, Y79AA1002209,
[0287] The following 130 clones presumably belong to cytoskeletal-associated proteins.
HEMBA1000156, HEMBA1000168, HEMBA1000411, HEMBA1000588, HEMBA1001043, HEMBA1001651,
HEMBA1001661, HEMBA1002102, HEMBA1002161, HEMBA1002939, HEMBA1003235, HEMBA1003581,
HEMBA1004499, HEMBA1004534, HEMBA1004697, HEMBA1004929, HEMBA1004972, HEMBA1005582,
35 HEMBA1005595, HEMBA1006344, HEMBA1006737, HEMBB1001175, HEMBB1001282, HEMBB1001562,
HEMBB1001802, MAMMA1000824, MAMMA1001041, MAMMA1001576, MAMMA1001679, MAMMA1001735,
MAMMA1002297, MAMMA1002351, MAMMA1002622, MAMMA1002637, MAMMA1003127, NT2RM1000850,
NT2RM1000898, NT2RM2000030, NT2RM2000260, NT2RM2000691, NT2RM2001324, NT2RM4000169,
NT2RM4000229, NT2RM4000515, NT2RM4001217, NT2RP1000202, NT2RP1000348, NT2RP1000460,
40 NT2RP1000478, NT2RP1001033, NT2RP1001294, NT2RP1001302, NT2RP2000070, NT2RP2000812,
NT2RP2000814, NT2RP2001168, NT2RP2001245, NT2RP2001634, NT2RP2001900, NT2RP2003307,
NT2RP2003394, NT2RP2004041, NT2RP2004242, NT2RP2004538, NT2RP2004587, NT2RP2004681,
NT2RP2004732, NT2RP2004978, NT2RP2005491, NT2RP2005531, NT2RP2005712, NT2RP2006275,
NT2RP3000753, NT2RP3001113, NT2RP3001216, NT2RP3001239, NT2RP3001272, NT2RP3001554,
45 NT2RP3001690, NT2RP3001799, NT2RP3002688, NT2RP3003061, NT2RP3003185, NT2RP3003230,
NT2RP3004569, NT2RP3004578, NT2RP4001004, NT2RP4001086, NT2RP4001256, NT2RP4001567,
NT2RP4001927, OVARC1000001, OVARC1000106, OVARC1000437, OVARC1000520, OVARC1000679,
OVARC1001731, OVARC1002050, PLACE1001104, PLACE1002571,
PLACE1002591, PLACE1002655, PLACE1002714, PLACE1003625, PLACE1005287, PLACE1006552,
50 PLACE1007946, PLACE1008426, PLACE1010148, PLACE1010547, PLACE1010743, PLACE1010896,
PLACE1010960, PLACE1011310, PLACE1011922, PLACE2000216, PLACE2000274, PLACE2000371,
PLACE2000458, PLACE3000145, PLACE3000416, PLACE4000009, THYRO1000132, THYRO1001405,
THYRO1001458, Y79AA1000368, Y79AA1000794, Y79AA1000833, Y79AA1000962, Y79AA1002208,
[0288] The following 54 clones presumably belong to cell division-associated and/or cell proliferation-associated
55 proteins.
HEMBA1001019, HEMBA1001595, HEMBA1002363, HEMBA1002997, HEMBA1003136, HEMBA1003369,
HEMBA1004131, HEMBA1004354, HEMBA1005621, HEMBB1000037, HEMBB1000264, MAMMA1001768,
MAMMA1002769, NT2RM1000354, NT2RM1000430, NT2RM1000874, NT2RM2001256, NT2RM2001743,

NT2RM2001896, NT2RM2002145, NT2RM4000215, NT2RM4001714, NT2RP1000163, NT2RP1000333,
 NT2RP1000439, NT2RP2000346, NT2RP2001397, NT2RP2002595, NT2RP2003177, NT2RP2003596,
 NT2RP2003912, NT2RP2004396, NT2RP2005037, NT2RP2005520, NT2RP2005669, NT2RP2005835,
 NT2RP3001730, NT2RP3002081, NT2RP4000210, NT2RP4000415, NT2RP4001414, NT2RP4001634,
 5 OVARC1000013, OVARC1000937, PLACE1001383, PLACE1002433, PLACE1004316, PLACE1005287,
 PLACE1008808, PLACE1010720, PLACE1010833, Y79AA1000748, Y79AA1001236, Y79AA1001394,

[0289] The following 36 clones presumably belong to the category of embryogenesis- and/or development-associated proteins.

10 HEMBA1000518, HEMBA1001847, HEMBA1001869, HEMBA1003545, HEMBA1004973, HEMBA1002442,
 MAMMA1001837, NT2RM2001670, NT2RM4000046, NT2RM4000531, NT2RM4001140, NT2RM4001858,
 NT2RP2002078, NT2RP2004187, NT2RP2006436, NT2RP3000603, NT2RP3000994, NT2RP3001580,
 NT2RP3001708, NT2RP3003071, NT2RP3004472, NT2RP3004617, NT2RP4000246, NT2RP4001567,
 OVARC1000304, OVARC1000746, PLACE1000793, PLACE1002532, PLACE1003258, PLACE1003625,
 PLACE1004460, PLACE1009622, PLACE4000558, THYRO1000085, Y79AA1001391, Y79AA1001692,

15 [0290] The following 30 clones presumably belong to cellular defense-associated proteins.

HEMBA1000005, HEMBA1000531, HEMBA1003417, HEMBA1006253, NT2RM4000354, NT2RM4001880,
 NT2RP1000333, NT2RP1000493, NT2RP2000006, NT2RP2000045, NT2RP2000809, NT2RP2001536,
 NT2RP2002464, NT2RP2004920, NT2RP2005037, NT2RP3000590, NT2RP3001426, NT2RP3002062,
 NT2RP3002785, NT2RP3004262, NT2RP4001555, NT2RP4001638, PLACE1006958, PLACE1008275,
 20 PLACE1009113, PLACE1011858, PLACE4000014, THYRO1000684, Y79AA1002139, Y79AA1002229,

[0291] Although it is unclear whether or not 261 clones out of clones other than the above-mentioned clones belong to any of the above-described categories, these clones are predicted to have some functions, based on the homology search using the full-length sequences thereof. The clone names and the gene definitions found in the result of homology search are shown below, separated with a double-slash mark, //.

25 HEMBA1000030//Homo sapiens ARF GTPase-activating protein GIT1 mRNA, complete cds.

HEMBA1000307//CARNITINE DEFICIENCY-ASSOCIATED PROTEIN EXPRESSED IN VENTRICLE 1

30 HEMBA1000333//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.

HEMBA1000488//RING CANAL PROTEIN (KELCH PROTEIN).

HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.

HEMBA1001197//Homo sapiens rap2 interacting protein x mRNA, complete cds.

HEMBA1001302//Homo sapiens calcium binding protein precursor, mRNA, complete cds.

35 HEMBA1001455//Mus musculus transposon-derived Buster2 transposase-like protein gene, partial cds.

HEMBA1001675//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.

HEMBA1001714//Homo sapiens mRNA for ATPase inhibitor precursor, complete cds.

HEMBA1001744//SCY1 PROTEIN.

HEMBA1001967//Homo sapiens NY-REN-57 antigen mRNA, partial cds.

40 HEMBA1002151//Rattus norvegicus p34 mRNA, complete cds.

HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].

HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74.

HEMBA1002777//Fugu rubripes BAW (BAW) mRNA, complete cds.

HEMBA1003098//Homo sapiens NY-REN-6 antigen mRNA, partial cds.

45 HEMBA1003199//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.

HEMBA1003615//Homo sapiens ART-4 mRNA, complete cds.

HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).

HEMBA1004295//Homo sapiens NY-REN-25 antigen mRNA, partial cds.

HEMBA1004573//Homo sapiens mRNA for HELG protein.

50 HEMBA1004604//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.

HEMBA1004795//CDC4-LIKE PROTEIN (FRAGMENT).

HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.

HEMBA1005201//Homo sapiens CGI-07 protein mRNA, complete cds.

HEMBA1005206//Drosophila simulans anon73B1 gene and Su(P) gene.

55 HEMBA1005530//Homo sapiens anaphase-promoting complex subunit 7 (APC7) mRNA, complete cds.

HEMBA1005666//Homo sapiens mRNA for DIPB protein.

HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.

HEMBA1006268//Homo sapiens HQO24c mRNA, complete cds.

- HEMBA1006398//Human L1 element L1.6 putative p150 gene, complete cds.
HEMBA1006445//Homo sapiens putative tumor supressor NOEY2 mRNA, complete cds.
HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds.
HEMBA1007251//Homo sapiens F-box protein FBX29 (FBX29) mRNA, partial cds. HEMBB1000036//Homo sapi-
5 ens CGI-51 protein mRNA, complete cds.
HEMBB1000144//GUANYLATE CYCLASE ACTIVATING PROTEIN 2 (GCAP 2) (RETINAL
GUANYLYL CYCLASE ACTIVATOR PROTEIN P24).
HEMBB1000973//Mus musculus schlafen3 (Slfn3) mRNA, complete cds.
HEMBB1001058//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds
10 HEMBB1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).
HEMBB1001288//COPPER HOMEOSTASIS PROTEIN CUTC.
HEMBB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.
HEMBB1001384//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.
HEMBB1002266//NEURONAL PROTEIN.
15 HEMBB1002510//GYP7 PROTEIN.
HEMBB1002705//Homo sapiens CGI-27 protein mRNA, complete cds.
MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TEST)].
MAMMA1000625//GYP7 PROTEIN.
MAMMA1001075//Homo sapiens CGI-72 protein mRNA, complete cds.
20 MAMMA1001181//ABC1 PROTEIN HOMOLOG PRECURSOR.
MAMMA1001259//Mus musculus F-box protein FBX18 mRNA, partial cds.
MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial
cds.
MAMMA1002143//Homo sapiens Cdc42 effector protein 4 mRNA, complete cds.
25 MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.
MAMMA1002972//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS27.
MAMMA1003113//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.
NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
CINEURIN REGULATORY SUBUNIT).
30 NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
CINEURIN REGULATORY SUBUNIT).
NT2RM1000244//Homo sapiens TRAF4 associated factor 1 mRNA, partial cds.
NT2RM1000421//RIBONUCLEASE INHIBITOR.
NT2RM1000499//Caenorhabditis elegans mRNA for centaurin gamma 1A.
35 NT2RM1000623//RIBONUCLEASE INHIBITOR.
NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.
NT2RM2000502//Rattus norvegicus W3O7 mRNA, complete cds.
NT2RM2000599//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.
NT2RM2000718//Homo sapiens endocrine regulator mRNA, complete cds.
40 NT2RM2001065//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.
NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).
NT2RM2001983//Homo sapiens RGS-GAIP interacting protein GIPC mRNA, complete cds.
NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds.
NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12.
45 NT2RM4000030//LAS1 PROTEIN.
NT2RM4000139//R.norvegicus trg mRNA.
NT2RM4000156//H. sapiens HPBR11-7 gene.
NT2RM4000386//Mus musculus ODZ3 (Odz3) mRNA, partial cds.
NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).
50 NT2RM4001047//MO25 PROTEIN.
NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.
NT2RM4001256//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.
NT2RM4001320//Homo sapiens mRNA for Neuroblastoma, complete cds.
NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).
55 NT2RM4001347//Homo sapiens NY-REN-25 antigen mRNA, partial cds.
NT2RM4001371//Homo sapiens IDN3 mRNA, partial cds.
NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.
NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).

- NT2RM4001731//Homo sapiens F-box protein Lilina (LILINA) mRNA, complete cds.
 NT2RM4001969//R.norvegicus mRNA for IP63 protein.
 NT2RM4002034//Homo sapiens hiwi mRNA, partial cds.
 NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).
 5 NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.
 NT2RP1000040//Mus musculus donson protein (Donson) mRNA, partial cds.
 NT2RP1000363//R.norvegicus LL5 mRNA.
 NT2RP1000481//Homo sapiens antigen NY-CO-3 (NY-CO-3) mRNA, partial cds.
 NT2RP1000513//Human NifU-like protein (hNifU) mRNA, partial cds.
 10 NT2RP1000733//Human mRNA for GSPT1-TK protein, complete cds.
 NT2RP1000860//Homo sapiens KLO4P mRNA, complete cds.
 NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP1001011//Drosophila melanogaster putative 43 kDa protein (TH1) mRNA, complete cds.
 NT2RP1001395//Homo sapiens COP9 complex subunit 7a mRNA, complete cds.
 15 NT2RP1001457//Homo sapiens partial mRNA for beta-transducin family protein (putative).
 NT2RP1001494//MALE STERILITY PROTEIN 2.
 NT2RP2000054//Homo sapiens putative ring zinc finger protein NY-REN-43 antigen mRNA, complete cds.
 NT2RP2000067//Mus musculus ODZ3 (Odz3) mRNA, partial cds.
 NT2RP2000133//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds.
 20 NT2RP2000157//MLO2 PROTEIN.
 NT2RP2000764//NIFS PROTEIN.
 NT2RP2000965//Homo sapiens mRNA for fls353, complete cds.
 NT2RP2001839//SCY1 PROTEIN.
 NT2RP2001883//Homo sapiens CGI-01 protein mRNA, complete cds.
 25 NT2RP2001976//Mus musculus calmodulin-binding protein SHA1 (Sha1) mRNA, complete cds.
 NT2RP2001985//Homo sapiens high-risk human papilloma viruses E6 oncoproteins targeted protein E6TP1 alpha mRNA, complete cds.
 NT2RP2002185//Homo sapiens ubiquilin mRNA, complete cds.
 NT2RP2002442//HESA PROTEIN.
 30 NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.
 NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.
 NT2RP2002986//Homo sapiens mRNA for Kelch motif containing protein, complete cds.
 NT2RP2003121//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.
 NT2RP2003265//Homo sapiens CGI-53 protein mRNA, complete cds.
 35 NT2RP2003272//Homo sapiens ubiquilin mRNA, complete cds.
 NT2RP2003857//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).
 NT2RP2003871//Homo sapiens transposon-derived Buster1 transposase-like protein gene, complete cds.
 NT2RP2004425//Mus musculus axotrophin mRNA, complete cds.
 NT2RP2004476//Homo sapiens cyclin L ania-6a mRNA, complete cds.
 40 NT2RP2004710//Mus musculus formin binding protein 30 mRNA, complete cds.
 NT2RP2004816//H58 PROTEIN.
 NT2RP2005441//Homo sapiens hypothalamus protein HT002 mRNA, complete cds.
 NT2RP2005490//Mus musculus D3Mm3e (D3Mm3e) mRNA, complete cds.
 NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.
 45 NT2RP2005654//CYSTEINE STRING PROTEIN (CCCS1).
 NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.
 NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.
 NT2RP2005841//Homo sapiens mRNA for ALEX3, complete cds.
 NT2RP2006598//Homo sapiens retinoid x receptor interacting protein mRNA, complete cds.
 50 NT2RP3000047//NPL4 PROTEIN.
 NT2RP3000233//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.
 NT2RP3000869//Drosophila melanogaster AAA family protein Bor (bor) mRNA, complete cds.
 55 NT2RP3001399//SSU72 PROTEIN.
 NT2RP3001407//SCY1 PROTEIN.
 NT2RP3001457//Drosophila melanogaster Melted (melt) mRNA, partial cds.
 NT2RP3001587//Human anthracycline-associated resistance ARX mRNA, complete cds.

NT2RP3001712//Homo sapiens HP1-BP74 protein mRNA, complete cds.
 NT2RP3001819//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP3001854//Homo sapiens novel retinal pigment epithelial cell protein (NORPEG) mRNA, complete cds.
 NT2RP3001931//Rattus norvegicus clone C48 CDK5 activator-binding protein mRNA, complete cds.
 5 NT2RP3002273//SCD6 PROTEIN.
 NT2RP3002631//Homo sapiens Ran binding protein 11 mRNA, complete cds.
 NT2RP3002682//Homo sapiens CGI-145 protein mRNA, complete cds.
 NT2RP3002770//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.
 NT2RP3002818//INSERTION ELEMENT IS2A HYPOTHETICAL 48.2 KD PROTEIN.
 10 NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP3002972//Halocynthia roretzi mRNA for HrPET-1, complete cds.
 NT2RP3003032//Homo sapiens okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19) mR-
 NA, complete cds.
 NT2RP3003290//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.
 15 NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.
 NT2RP3003491//Drosophila melanogaster Pelle associated protein Pellino (Pli) mRNA, complete cds.
 NT2RP3003500//SCY1 PROTEIN.
 NT2RP3003726//Homo sapiens spermatogenesis associated PD1 mRNA, complete cds.
 NT2RP3004348//R. norvegicus mRNA for cytosolic resiniferatoxin-binding protein.
 20 NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).
 NT2RP4000129//Xenopus laevis F-box protein 28 (Fbx28) mRNA, partial cds.
 NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).
 NT2RP4000528//NPL4 PROTEIN.
 NT2RP4000737//Mus musculus F-box protein FBL10 mRNA, partial cds.
 25 NT2RP4000979//Homo sapiens putative HIV-1 infection related protein mRNA, partial cds.
 NT2RP4001010//Rattus norvegicus PSD-95/SAP90-associated protein-4 mRNA, complete cds.
 NT2RP4001207//Homo sapiens Ran binding protein 11 mRNA, complete cds.
 NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN).
 NT2RP4001260//Homo sapiens F-box protein Fbx21 (FBX21) mRNA, complete cds.
 30 NT2RP4001339//Homo sapiens mRNA for AMMERC1 protein.
 NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete
 cds.
 NT2RP4001474//Xenopus laevis putative Zic3 binding protein mRNA, complete cds.
 NT2RP4001966//Mus musculus ODZ3 (Odz3) mRNA, partial cds.
 35 NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN).
 OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete cds.
 OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1).
 OVARC1001065//Homo sapiens CGI-12 protein mRNA, complete cds.
 OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F185707
 40 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)).
 OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds.
 OVARC1001555//NGG1-INTERACTING FACTOR 3.
 OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).
 OVARG1001943//Mus musculus DEBT-91 mRNA, complete cds.
 45 PLACE1000004//Homo sapiens IDN3-B mRNA, complete cds.
 PLACE1000066//SSU72 PROTEIN.
 PLACE1000610//MSN5 PROTEIN.
 PLACE1000636//MALE STERILITY PROTEIN 2.
 PLACE1000769//Homo sapiens CGI-18 protein mRNA, complete cds.
 50 PLACE1000987//Rattus norvegicus late gestation lung 2 protein (Lgl2) mRNA, complete cds.
 PLACE1001036//Homo sapiens mRNA for alpha integrin binding protein 63, partial.
 PLACE1001845//Mus musculus cyclin ania-6a mRNA, complete cds.
 PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.
 PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.
 55 PLACE1003602//Homo sapiens mRNA expressed in placenta.
 PLACE1003611//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.
 PLACE1004256//Mus musculus short coiled coil protein SCOCO (Scoc) mRNA, complete cds.
 PLACE1004550//Homo sapiens CGI-20 protein mRNA, complete cds.

PLACE1004868//MALE STERILITY PROTEIN 2.
 PLACE1004930//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds
 PLACE1005052//Homo sapiens CGI-16 protein mRNA, complete cds.
 PLACE1005102//RING CANAL PROTEIN (KELCH PROTEIN).
 5 PLACE1005176//Homo sapiens hypothalamus protein HT001 mRNA, complete cds.
 PLACE1005187//APAG PROTEIN.
 PLACE1005331//Homo sapiens 7h3 protein mRNA, partial cds.
 PLACE1005727//Homo sapiens STRIN protein (STRIN) mRNA, complete cds.
 PLACE1006003//Homo sapiens CGI-94 protein mRNA, complete cds.
 10 PLACE1006335//Homo sapiens NY-REN-50 antigen mRNA, partial cds.
 PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds.
 PLACE1006506//Homo sapiens anaphase-promoting complex subunit 4 (APC4) mRNA, complete cds.
 PLACE1007105//Homo sapiens muskelin (MKLN1) mRNA, complete cds.
 PLACE1007537//Homo sapiens ankyrin repeat-containing protein ASB-2 mRNA, complete cds.
 15 PLACE1007705//Mus musculus mRNA for Ndr1 related protein Ndr3, complete cds.
 PLACE1007791//Homo sapiens IDN3-B mRNA, complete cds.
 PLACE1007897//Homo sapiens FLASH mRNA, complete cds.
 PLACE1008080//Homo sapiens mRNA for HEXIM1 protein, complete cds.
 PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).
 20 PLACE1008398//GENE 33 POLYPEPTIDE.
 PLACE1008465//Homo sapiens mRNA for rapa-1 (rapa gene).
 PLACE1008627//Homo sapiens mRNA for cysteine-rich protein.
 PLACE1009020//NIFS PROTEIN.
 PLACE1009060//BRO1 PROTEIN.
 25 PLACE1009186//Homo sapiens small zinc finger-like protein (TIM9b) mRNA, complete cds.
 PLACE1009443//Mus musculus F-box protein FBL8 mRNA, complete cds.
 PLACE1009571//Homo sapiens PTD002 mRNA, complete cds.
 PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.
 PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN).
 30 PLACE1010261//SEGREGATION DISTORTER PROTEIN.
 PLACE1010310//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).
 PLACE1010522//Homo sapiens mRNA for DEPP (decidual protein induced by progesterone), complete cds.
 PLACE1010579//Homo sapiens CED-6 protein (CED-6) mRNA, complete cds.
 PLACE1010628//Homo sapiens S164 gene, partial cds; PS1 and hypothetical protein genes, complete cds; and
 35 S171 gene, partial cds.
 PLACE1010661//TESTIS-SPECIFIC PROTEIN PBS13.
 PLACE1010761//Homo sapiens mRNA for cisplatin resistance-associated overexpressed protein, complete cds.
 PLACE1011185//INSERTION ELEMENT IS1 PROTEIN INSB.
 PLACE1011340//Homo sapiens IDN3-B mRNA, complete cds.
 40 PLACE1011586//Rattus norvegicus clone C53 CDK5 activator-binding protein mRNA, complete cds.
 PLACE2000246//RING CANAL PROTEIN (KELCH PROTEIN).
 PLACE2000411//Homo sapiens epsin 2b mRNA, complete cds.
 PLACE3000477//Homo sapiens phosphoprotein pp75 mRNA, partial cds.
 THYRO1000173//Homo sapiens AP-mu chain family member mu1B (HSMU1B) mRNA, complete cds.
 45 THYRO1000401//Human TcD37 homolog (HTcD37) mRNA, partial cds.
 THYRO1000666//Mus musculus mRNA for kinesin like protein 9.
 THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521.
 THYRO1001347//Homo sapiens RAN binding protein 16 mRNA, complete cds.
 THYRO1001656//Homo sapiens Leman coiled-coil protein (LCCP) mRNA, complete cds.
 50 THYRO1001703//NIFR3-LIKE PROTEIN.
 THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).
 Y79AA1000059//Homo sapiens aryl-hydrocarbon interacting protein-like 1 (AIPL1) gene, complete cds.
 Y79AA1000181//Homo sapiens CGI-01 protein mRNA, complete cds.
 Y79AA1000268//Mus musculus Nip2l mRNA, complete cds.
 55 Y79AA1000313//CALPHOTIN.
 Y79AA1000540//CELL POLARITY PROTEIN TEA1.
 Y79AA1000966//Homo sapiens COP9 complex subunit 4 mRNA, complete cds.
 Y79AA1000985//Human centrosomal protein kendrin mRNA, complete cds.

Y79AA1001323//Mus musculus mRNA for GSG1, complete cds.

Y79AA1001402//Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA, partial cds.

Y79AA1001679//Homo sapiens lambda-crystallin mRNA, complete cds.

5 Y79AA1001923//Homo sapiens F-box protein Fbx22 (FBX22) gene, partial cds. Y79AA1002083//H. sapiens mRNA for MUF1 protein.

Y79AA1002307//Homo sapiens astrotactin2 (ASTN2) mRNA, complete cds.

Y79AA1002311//R. norvegicus mRNA for cytosolic resiniferatoxin-binding protein.

Y79AA1002487//Homo sapiens chromosome 5 F-box protein Fbx4 (FBX4) mRNA, complete cds.

10 **[0292]** Among the clones other than the above-mentioned, there were 36 clones that were similarly classified into the functional categories based on the results of functional domain search using the Pfam program. These clones were categorized as follows.

[0293] Clones presumably belonging to the category of secretory or membrane proteins are two clones, MAMMA1002498 and NT2RM4002287; a clone presumably belonging to the category of glycoproteins-associated proteins is a clone MAMMA1002498; clones presumably belonging to the category of signal transduction-associated proteins are 11 clones, HEMBA1001247, NT2RM2001813, NT2RM4001454, NT2RP2005140, NT2RP2005293, NT2RP3000487, NT2RP3003311, PLACE1000972, PLACE1003723, PLACE1005327, and PLACE3000124; clones presumably belonging to the category of transcription-associated proteins are 12 clones, HEMBA1003257, NT2RM2000101, NT2RM2001797, NT2RP1000101, NT2RP2002208, NT2RP3001214, NT2RP3003278, NT2RP4001235, PLACE1000050, PLACE1001716, PLACE1002499, and PLACE1007544; clones presumably belonging to the category of enzymes and/or metabolism-associated proteins are 2 clones, HEMBA1005732 and MAMMA1000402; clones presumably belonging to the category of DNA- and/or RNA-binding proteins are 4 clones, HEMBA1004596, OVARC1000148, PLACE1003334, and THYRO1001661; a clone presumably belonging to the category of protein synthesis- and/or protein transport-associated proteins is a clone, HEMBA1006284.

25 **[0294]** So far, useful information for presuming the functions is unavailable for the remaining 2511 clones. Their functions will possibly be revealed by further analyses. Names of the clones are listed below.

[0295] So far, useful information for presuming the functions is unavailable for the remaining 2511 clones. Their functions will possibly be revealed by further analyses. Names of the clones are listed below.

30 HEMBA1000042, HEMBA1000046, HEMBA1000050, HEMBA1000076, HEMBA1000193, HEMBA1000213, HEMBA1000227, HEMBA1000231, HEMBA1000243, HEMBA1000244, HEMBA1000251, HEMBA1000264, HEMBA1000280, HEMBA1000282, HEMBA1000288, HEMBA1000290, HEMBA1000302, HEMBA1000327, HEMBA1000338, HEMBA1000351, HEMBA1000357, HEMBA1000376, HEMBA1000387, HEMBA1000392, HEMBA1000396, HEMBA1000428, HEMBA1000442, HEMBA1000456, HEMBA1000459, HEMBA1000460, HEMBA1000469, HEMBA1000497, HEMBA1000501, HEMBA1000504, HEMBA1000505, HEMBA1000508, 35 HEMBA1000519, HEMBA1000520, HEMBA1000534, HEMBA1000545, HEMBA1000557, HEMBA1000568, HEMBA1000575, HEMBA1000594, HEMBA1000604, HEMBA1000622, HEMBA1000636, HEMBA1000655, HEMBA1000673, HEMBA1000682, HEMBA1000686, HEMBA1000702, HEMBA1000722, HEMBA1000726, HEMBA1000727, HEMBA1000749, HEMBA1000752, HEMBA1000769, HEMBA1000773, HEMBA1000774, HEMBA1000843, HEMBA1000867, HEMBA1000869, HEMBA1000872, HEMBA1000876, HEMBA1000908, 40 HEMBA1000918, HEMBA1000934, HEMBA1000942, HEMBA1000943, HEMBA1000946, HEMBA1000960, HEMBA1000968, HEMBA1000971, HEMBA1000972, HEMBA1000975, HEMBA1000985, HEMBA1000986, HEMBA1001008, HEMBA1001009, HEMBA1001020, HEMBA1001022, HEMBA1001024, HEMBA1001026, HEMBA1001051, HEMBA1001060, HEMBA1001080, HEMBA1001094, HEMBA1001099, HEMBA1001109, HEMBA1001121, HEMBA1001122, HEMBA1001123, HEMBA1001133, HEMBA1001140, HEMBA1001208, 45 HEMBA1001213, HEMBA1001226, HEMBA1001235, HEMBA1001281, HEMBA1001299, HEMBA1001303, HEMBA1001310, HEMBA1001319, HEMBA1001323, HEMBA1001326, HEMBA1001327, HEMBA1001330, HEMBA1001361, HEMBA1001375, HEMBA1001377, HEMBA1001383, HEMBA1001388, HEMBA1001391, HEMBA1001398, HEMBA1001411, HEMBA1001413, HEMBA1001415, HEMBA1001432, HEMBA1001433, HEMBA1001435, HEMBA1001442, HEMBA1001450, HEMBA1001463, HEMBA1001497, HEMBA1001522, 50 HEMBA1001533, HEMBA1001566, HEMBA1001570, HEMBA1001581, HEMBA1001589, HEMBA1001608, HEMBA1001636, HEMBA1001640, HEMBA1001647, HEMBA1001655, HEMBA1001658, HEMBA1001702, HEMBA1001711, HEMBA1001712, HEMBA1001731, HEMBA1001745, HEMBA1001750, HEMBA1001781, HEMBA1001784, HEMBA1001791, HEMBA1001803, HEMBA1001815, HEMBA1001820, HEMBA1001835, HEMBA1001864, HEMBA1001888, HEMBA1001910, HEMBA1001912, HEMBA1001915, HEMBA1001918, 55 HEMBA1001939, HEMBA1001940, HEMBA1001942, HEMBA1001950, HEMBA1001964, HEMBA1001987, HEMBA1002018, HEMBA1002022, HEMBA1002039, HEMBA1002049, HEMBA1002084, HEMBA1002100, HEMBA1002113, HEMBA1002119, HEMBA1002160, HEMBA1002162, HEMBA1002185, HEMBA1002189, HEMBA1002191, HEMBA1002199, HEMBA1002204, HEMBA1002229, HEMBA1002237, HEMBA1002265,

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	HEMBA1002538,	HEMBA1002542,	HEMBA1002552,	HEMBA1002558,	HEMBA1002583,	HEMBA1002621,
	HEMBA1002624,	HEMBA1002629,	HEMBA1002645,	HEMBA1002666,	HEMBA1002678,	HEMBA1002679,
5	HEMBA1002688,	HEMBA1002696,	HEMBA1002703,	HEMBA1002712,	HEMBA1002716,	HEMBA1002742,
	HEMBA1002748,	HEMBA1002750,	HEMBA1002779,	HEMBA1002794,	HEMBA1002801,	HEMBA1002816,
	HEMBA1002826,	HEMBA1002833,	HEMBA1002850,	HEMBA1002863,	HEMBA1002934,	HEMBA1002937,
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	HEMBA1003166,	HEMBA1003175,	HEMBA1003197,	HEMBA1003202,	HEMBA1003220,	HEMBA1003222,
	HEMBA1003229,	HEMBA1003273,	HEMBA1003276,	HEMBA1003278,	HEMBA1003304,	HEMBA1003309,
	HEMBA1003322,	HEMBA1003327,	HEMBA1003328,	HEMBA1003370,	HEMBA1003373,	HEMBA1003376,
	HEMBA1003380,	HEMBA1003384,	HEMBA1003395,	HEMBA1003402,	HEMBA1003447,	HEMBA1003461,
15	HEMBA1003463,	HEMBA1003480,	HEMBA1003528,	HEMBA1003531,	HEMBA1003548,	HEMBA1003556,
	HEMBA1003571,	HEMBA1003579,	HEMBA1003597,	HEMBA1003598,	HEMBA1003621,	HEMBA1003646,
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	HEMBA1003733,	HEMBA1003758,	HEMBA1003799,	HEMBA1003804,	HEMBA1003807,	HEMBA1003827,
	HEMBA1003838,	HEMBA1003854,	HEMBA1003856,	HEMBA1003864,	HEMBA1003879,	HEMBA1003880,
20	HEMBA1003893,	HEMBA1003908,	HEMBA1003926,	HEMBA1003937,	HEMBA1003939,	HEMBA1003942,
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	HEMBA1004045,	HEMBA1004048,	HEMBA1004056,	HEMBA1004074,	HEMBA1004086,	HEMBA1004111,
	HEMBA1004138,	HEMBA1004150,	HEMBA1004193,	HEMBA1004200,	HEMBA1004225,	HEMBA1004238,
25	HEMBA1004241,	HEMBA1004246,	HEMBA1004267,	HEMBA1004272,	HEMBA1004274,	HEMBA1004289,
	HEMBA1004312,	HEMBA1004323,	HEMBA1004327,	HEMBA1004330,	HEMBA1004335,	HEMBA1004366,
	HEMBA1004372,	HEMBA1004394,	HEMBA1004396,	HEMBA1004405,	HEMBA1004429,	HEMBA1004433,
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	HEMBA1004560,	HEMBA1004610,	HEMBA1004617,	HEMBA1004629,	HEMBA1004631,	HEMBA1004632,
30	HEMBA1004638,	HEMBA1004670,	HEMBA1004672,	HEMBA1004693,	HEMBA1004705,	HEMBA1004709,
	HEMBA1004711,	HEMBA1004725,	HEMBA1004730,	HEMBA1004733,	HEMBA1004736,	HEMBA1004748,
	HEMBA1004751,	HEMBA1004753,	HEMBA1004763,	HEMBA1004771,	HEMBA1004776,	HEMBA1004778,
	HEMBA1004803,	HEMBA1004806,	HEMBA1004807,	HEMBA1004820,	HEMBA1004860,	HEMBA1004863,
	HEMBA1004865,	HEMBA1004880,	HEMBA1004900,	HEMBA1004909,	HEMBA1004933,	HEMBA1004934,
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	HEMBA1004983,	HEMBA1004995,	HEMBA1005019,	HEMBA1005039,	HEMBA1005062,	HEMBA1005066,
	HEMBA1005075,	HEMBA1005079,	HEMBA1005083,	HEMBA1005113,	HEMBA1005123,	HEMBA1005133,
	HEMBA1005149,	HEMBA1005152,	HEMBA1005185,	HEMBA1005223,	HEMBA1005232,	HEMBA1005241,
	HEMBA1005252,	HEMBA1005275,	HEMBA1005293,	HEMBA1005296,	HEMBA1005311,	HEMBA1005314,
40	HEMBA1005331,	HEMBA1005374,	HEMBA1005382,	HEMBA1005403,	HEMBA1005411,	HEMBA1005426,
	HEMBA1005443,	HEMBA1005447,	HEMBA1005468,	HEMBA1005469,	HEMBA1005472,	HEMBA1005474,
	HEMBA1005475,	HEMBA1005497,	HEMBA1005500,	HEMBA1005506,	HEMBA1005508,	HEMBA1005517,
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45 Homology Search Result Data 1.

[0296] The result of the homology search of the SwissProt using the 5'-end sequence.

[0297] Data include

50 the name of clone,
definition of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
the organism and the Accession No. of the top hit data, as in the order separated by //.

55 [0298] Data are not shown for the clones in which the P-value was higher than 1.

[0299] The P-value is a score obtained statistically by taking into account the possible similarity between two sequences. In general, the smaller P-value reflects the higher similarity. (Altschul, S.F., Gish, W., Miller, W., Myers, E.W. & Lipman, D.J. (1990) "Basic local alignment search tool." J. Mol. Biol. 215:403-410; Gish, W. &

States, D.J. (1993) "Identification of protein coding regions by database similarity search." Nature Genet. 3:266-272).

5 F-HEMBA1000005//DNAJ PROTEIN HOMOLOG MTJ1.//1.8e-85:244:75//MUS MUSCULUS (MOUSE).//Q61712
 F-HEMBA1000012//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINETRNA LIGASE)
 (LEURS).//7.6e-57:231:53//CAENORHABDITIS ELEGANS.//Q09996
 F-HEMBA1000020//TUBULIN BETA CHAIN.//1.0e-92:143:80//AJELLOMYCES CAPSULATA (HISTOPLASMA
 CAPSULATUM).//P41742
 F-HEMBA1000030//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS).//0.021:136:33//PLASMODIUM
 10 KNOWLESI (STRAIN NURI).//P04922
 F-HEMBA1000042//METALLOTHIONEIN 10-II (MT-10-II).//0.71:64:32//MYTILUS EDULIS (BLUE MUSSEL).//
 P80247
 F-HEMBA1000046//PROTEIN Q300.//0.92:40:37//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBA1000050//COMPETENCE PROTEIN S.//0.50:28:35//BACILLUS SUBTILIS.//P80355
 15 F-HEMBA1000076//ATP SYNTHASE E CHAIN, MITOCHONDRIAL (EC 3.6.1.34).//0.86:41:41//HOMO SAPIENS
 (HUMAN).//P56385
 F-HEMBA1000111
 F-HEMBA1000129//UVSW PROTEIN (DAR PROTEIN).//0.023:68:33//BACTERIOPHAGE T4.//P20703
 F-HEMBA1000141//YSY6 PROTEIN.//0.90:29:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 20 P38374
 F-HEMBA1000150//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//8.4e-16:47:70//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBA1000156//IMMEDIATE-EARLY PROTEIN.//8.1e-07:143:28//HERPESVIRUS SAIMIRI (STRAIN 11).//
 Q01042
 25 F-HEMBA1000158//HYPOTHETICAL PROTEIN KIAA0192 (FRAGMENT).//7.9e-11:129:40//HOMO SAPIENS
 (HUMAN).//Q93074
 F-HEMBA1000168//INSULIN RECEPTOR SUBSTRATE-2 (IRS-2) (4PS).//0.00055:86:36//MUS MUSCULUS
 (MOUSE).//P81122
 F-HEMBA1000180//VPU PROTEIN (U ORF PROTEIN).//0.22:73:28//CHIMPANZEE IMMUNODEFICIENCY VI-
 30 RUS (SIV(CPZ)) (CIV).//P17286
 F-HEMBA1000185//RAS-1 PROTEIN.//5.1e-10:121:29//NEUROSPORA CRASSA.//P22126
 F-HEMBA1000193//PROLINE-RICH PEPTIDE P-B.//0.00078:56:41//HOMO SAPIENS (HUMAN).//P02814
 F-HEMBA1000201//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//0.00061:49:42//MUS MUSCULUS
 (MOUSE).//P05142
 35 F-HEMBA1000213
 F-HEMBA1000216//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 TEIN).//1.6e-59:115:53//MUS MUSCULUS (MOUSE).//Q61221
 F-HEMBA1000227//SUPPRESSOR PROTEIN SRP40.//0.00059:135:22//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P32583
 40 F-HEMBA1000231//HYPOTHETICAL 60.7 KD PROTEIN C56F8.17C IN CHROMOSOME I.//0.024:60:38//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10264
 F-HEMBA1000243//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.0038:125:34//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1000244//HYPOTHETICAL 123.6 KD PROTEIN IN POR2-COX5B INTERGENIC REGION.//3.1e-17:
 45 149:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40480
 F-HEMBA1000251
 F-HEMBA1000264//PROBABLE E5 PROTEIN.//1.0:49:36//HUMAN PAPILLOMAVIRUS TYPE 58.//P26552
 F-HEMBA1000280//SHORT NEUROTOXIN 1 (TOXIN C-6).//0.98:58:31//NAJA NAJA KAOUTHIA (MONOCLED
 COBRA) (NAJA NAJA SIAMENSIS).//P14613
 50 F-HEMBA1000282//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.14:26:65//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1000288
 F-HEMBA1000290//HYPOTHETICAL 14 KD PROTEIN IN TVRI-6 REPETITIVE REGION.//3.8e-06:98:39//HOMO
 SAPIENS (HUMAN).//P10516
 55 F-HEMBA1000302
 F-HEMBA1000303//HYPOTHETICAL 104.4 KD PROTEIN F54G8.4 IN CHROMOSOME III.//1.3e-05:69:42//
 CAENORHABDITIS ELEGANS.//Q03601
 F-HEMBA1000304//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//0.021:18:83//HOMO SAPIENS (HUMAN).//

P39194
 F-HEMBA1000307//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT).//7.1e-06:235:25//HYDRA ATTENUATA (HYDRA) (HYDRA VULGARIS).//P39922
 F-HEMBA1000327
 5 F-HEMBA1000333//SRP1 PROTEIN.//1.0:159:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10193
 F-HEMBA1000338//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//8.8e-26:36:83//HOMO SAPIENS (HUMAN).//P39193
 F-HEMBA1000351
 10 F-HEMBA1000355//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//0.99:22:50//HOMO SAPIENS (HUMAN).//P02811
 F-HEMBA1000356//IMMEDIATE-EARLY PROTEIN IE180.//0.11:82:36//PSEUDORABIES VIRUS (STRAIN INDIANA-FUNKHAUSER / BECKER) (PRV).//P11675
 F-HEMBA1000357//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//2.1e-35:105:74//HOMO SAPIENS (HUMAN).//P39192
 15 F-HEMBA1000366//HYPOTHETICAL TRANSCRIPTIONAL REGULATOR AF1627.//1.0:28:42//ARCHAEOGLOBUS FULGIDUS.//O28646
 F-HEMBA1000369//PRESYNAPTIC DENSITY PROTEIN 95 (PSD-95).//0.013:140:26//HOMO SAPIENS (HUMAN).//P78352
 20 F-HEMBA1000376//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE (EC 2.7.7.49); ENDONUCLEASE].//6.8e-08:66:42//MUS MUSCULUS (MOUSE).//P11369
 F-HEMBA1000387//HYPOTHETICAL 63.2 KD PROTEIN C1F3.09 IN CHROMOSOME I.//1.5e-15:177:32//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10414
 F-HEMBA1000390//PARATHYMOSIN.//0.0071:61:29//HOMO SAPIENS (HUMAN).//P20962
 25 F-HEMBA1000392//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.1e-30:92:69//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1000396//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//3.9e-23:64:57//HOMO SAPIENS (HUMAN).//P08547
 F-HEMBA1000411
 30 F-HEMBA1000418
 F-HEMBA1000422//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//8.3e-10:90:53//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBA1000428//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//3.1e-12:72:55//HOMO SAPIENS (HUMAN).//P08547
 35 F-HEMBA1000434
 F-HEMBA1000442//GENE 11 PROTEIN.//1.0:28:46//SPIROPLASMA VIRUS SPV1-R8A2 B.//P15902
 F-HEMBA1000456//26S PROTEASOME REGULATORY SUBUNIT MTS4 (19S REGULATORY CAP REGION OF 26S PROTEASE SUBUNIT 2).//0.077:118:28//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P87048
 F-HEMBA1000459//HEME-REGULATED EUKARYOTIC INITIATION FACTOR EIF-2-ALPHA KINASE (EC 2.7.1.-) (HRI).//4.8e-62:102:78//ORYCTOLAGUS CUNICULUS (RABBIT).//P33279
 40 F-HEMBA1000460//LYSIS PROTEIN (E PROTEIN) (GPE).//1.0:24:50//BACTERIOPHAGE ALPHA-3.//P31280
 F-HEMBA1000464
 F-HEMBA1000469//PILI PROTEIN.//1.0:27:44//PSEUDOMONAS AERUGINOSA.//P43502
 F-HEMBA1000488//ZINC FINGER PROTEIN 151 (MIZ-1 PROTEIN).//1.1e-07:90:38//HOMO SAPIENS (HUMAN).//Q13105
 45 F-HEMBA1000490//PLECTIN.//0.74:254:25//RATTUS NORVEGICUS (RAT).//P30427
 F-HEMBA1000491//RAS-RELATED PROTEIN M-RAS.//3.0e-14:100:36//RATTUS NORVEGICUS (RAT).//P97538
 F-HEMBA1000501//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.5e-20:81:54//HOMO SAPIENS (HUMAN).//P39194
 50 F-HEMBA1000504
 F-HEMBA1000505//NEURON-SPECIFIC X11 PROTEIN (FRAGMENT).//0.00028:128:32//HOMO SAPIENS (HUMAN).//Q02410
 F-HEMBA1000508//CHITIN SYNTHASE 3 (EC 2.4.1.16) (CHITIN-UDP ACETYL-GLUCOSAMINYL TRANSFERASE 3).//0.61:132:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P29465
 55 F-HEMBA1000518
 F-HEMBA1000519//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.8e-37:68:75//HOMO SAPIENS (HUMAN).//P39189

F-HEMBA1000520//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/5.2e-09:75:49//HOMO SAPIENS (HUMAN).//
 P39192
 F-HEMBA1000523//TESTIS-SPECIFIC PROTEIN PBS13.//1.5e-35:257:36//MUS MUSCULUS (MOUSE).//
 Q01755
 5 F-HEMBA1000531//HEAT SHOCK PROTEIN 70 B2.//1.6e-14:72:44//ANOPHELES ALBIMANUS (NEW WORLD
 MALARIA MOSQUITO).//P41827
 F-HEMBA1000534//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/9.7e-32:96:78//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBA1000540//LANTIBIOTIC LACTICIN 481 PRECURSOR (LACTOCOCCIN DR).//1.0:12:75//LACTOCOCC-
 10 CUS LACTIS (SUBSP. LACTIS) (STREPTOCOCCUS LACTIS).//P36499
 F-HEMBA1000542//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS).//0.0089:79:31//MUS
 MUSCULUS (MOUSE).//P15265
 F-HEMBA1000545//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.0e-83:256:66//HOMO SAPIENS (HU-
 MAN).//P08547
 15 F-HEMBA1000555//TRANSLATION INITIATION FACTOR IF-2.//3.6e-06:252:22//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P39730
 F-HEMBA1000557
 F-HEMBA1000561//ZINC FINGER PROTEIN 81 (FRAGMENT).//9.1 e-18:200:28//HOMO SAPIENS (HUMAN).//
 P51508
 20 F-HEMBA1000563
 F-HEMBA1000568
 F-HEMBA1000569//GPI-ANCHORED PROTEIN P137.//1.0e-40:137:54//HOMO SAPIENS (HUMAN).//Q14444
 F-HEMBA1000575
 F-HEMBA1000588
 25 F-HEMBA1000591//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.1e-17:41:92//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1000592//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//0.18:128:23//HOMO SAPIENS (HU-
 MAN).//Q02224
 F-HEMBA1000594//HYPOTHETICAL 29.3 KD PROTEIN B0280.6 IN CHROMOSOME III.//0.93:24:54//
 30 CAENORHABDITIS ELEGANS.//P41997
 F-HEMBA1000604//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00010:49:55//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1000608//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT).//1.8e-55:179:61//HOMO SAPIENS
 (HUMAN).//O43295
 35 F-HEMBA1000622//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-21:94:62//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1000636//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//0.34:73:36//VOLVOX CARTERI.//
 P21997
 F-HEMBA1000637//BASIC PROLINE-RICH PEPTIDE IB-1.//0.0057:76:38//HOMO SAPIENS (HUMAN).//P04281
 40 F-HEMBA1000655
 F-HEMBA1000657//ZINC FINGER PROTEIN GCS1.//1.5e-07:66:37//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P35197
 F-HEMBA1000662//METALLOTHIONEIN-II (MT-II).//0.79:33:39//CRICETULUS GRISEUS (CHINESE HAM-
 STER).//P02799
 45 F-HEMBA1000673//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.1e-17:86:59//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBA1000682//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//3.0e-13:45:44//MUS MUSCULUS (MOUSE).//P11369
 F-HEMBA1000686//HYPOTHETICAL 48.0 KD PROTEIN C1B3.08 IN CHROMOSOME I.//4.5e-07:79:34//
 50 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O13873
 F-HEMBA1000702
 F-HEMBA1000705//PROTEIN Q300.//0.80:25:44//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBA1000719//MYOSIN IC HEAVY CHAIN.//0.0026:115:44//ACANTHAMOEBA CASTELLANII (AMOEBA).//
 P10569
 55 F-HEMBA1000722
 F-HEMBA1000726//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/7.4e-32:83:77//HOMO SAPIENS (HU-
 MAN).//P39191
 F-HEMBA1000727//ZINC FINGER PROTEIN CTH2 (YTIS11 PROTEIN).//0.73:26:46//SACCHAROMYCES CER-

EVISIAE (BAKER'S YEAST).//P47977
 F-HEMBA1000747
 F-HEMBA1000749//HYPOTHETICAL PROTEIN HI1484.//1.0:42:35//HAEMOPHILUS INFLUENZAE.//P44211
 F-HEMBA1000752//RETROVIRUS-RELATED ENV POLYPROTEIN.//1.0e-08:84:39//HOMO SAPIENS (HUMAN).//P10267
 5 F-HEMBA1000769
 F-HEMBA1000773//PAIRED BOX PROTEIN PAX-4.//1.0:107:33//HOMO SAPIENS (HUMAN).//O43316
 F-HEMBA1000774//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.3e-23:92:63//HOMO SAPIENS (HUMAN).//P39188
 10 F-HEMBA1000791
 F-HEMBA1000817//PROLACTIN RECEPTOR PRECURSOR (PRL-R).//0.079:87:29//CERVUS ELAPHUS (RED DEER).//Q28235
 F-HEMBA1000822
 F-HEMBA1000827//HYPOTHETICAL 8.4 KD PROTEIN.//0.98:48:39//VACCINIA VIRUS (STRAIN COPENHAGEN).//P20546
 15 F-HEMBA1000843//HYPOTHETICAL 7.3 KD PROTEIN D1044.5 IN CHROMOSOME III.//0.92:46:34//CAENORHABDITIS ELEGANS.//P41953
 F-HEMBA1000851//HOMEBOX PROTEIN GBX-2 (GASTRULATION AND BRAIN-SPECIFIC HOMEBOX PROTEIN 2).//0.048:39:51//HOMO SAPIENS (HUMAN).//P52951
 20 F-HEMBA1000852//ARYLSULFATASE D PRECURSOR (EC 3.1.6.-) (ASD).//4.0e-24:29:100//HOMO SAPIENS (HUMAN).//P51689
 F-HEMBA1000867
 F-HEMBA1000869//PROBABLE E5 PROTEIN.//0.99:70:27//HUMAN PAPILLOMAVIRUS TYPE 18.//P06792
 F-HEMBA1000870//MYOTOXIN 3 PRECURSOR (CROTAMINE 3).//0.79:43:32//CROTALUS DURISSUS TERRIFICUS (SOUTH AMERICAN RATTLESNAKE).//P24333
 25 F-HEMBA1000872//GAR2 PROTEIN.//0.89:70:31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P41891
 F-HEMBA1000876//DEFENSIN.//0.89:34:38//ALLOMYRINA DICHOTOMA.//Q10745
 F-HEMBA1000908//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.69:43:37//HOMO SAPIENS (HUMAN).//P30808
 30 F-HEMBA1000910//MELANOMA-ASSOCIATED ANTIGEN B3 (MAGE-B3 ANTIGEN).//5.1e-08:44:38//HOMO SAPIENS (HUMAN).//O15480
 F-HEMBA1000918//60S RIBOSOMAL PROTEIN L37-A (YL35) (FRAGMENT).//1.0:19:52//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P22667
 35 F-HEMBA1000919//69 KD PARAFLAGELLAR ROD PROTEIN (69 KD PFR PROTEIN) (PFR-A/PFR-B).//0.29:116:30//TRYPANOSOMA BRUCEI BRUCEI.//P22225
 F-HEMBA1000934
 F-HEMBA1000942//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.85:27:59//HOMO SAPIENS (HUMAN).//P39188
 40 F-HEMBA1000943
 F-HEMBA1000946//STO-2 PROTEIN.//0.82:82:30//CAENORHABDITIS ELEGANS.//Q19958
 F-HEMBA1000960//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/0.0097:29:72//HOMO SAPIENS (HUMAN).//P39192
 F-HEMBA1000968//METALLOTHIONEIN 20-III ISOFORMS A AND B (MT-20-IIIA AND MT-20-IIIB).//0.047:45:37//MYTILUS EDULIS (BLUE MUSSEL).//P80253
 45 F-HEMBA1000971//HYPOTHETICAL BHLF1 PROTEIN.//0.038:172:31//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-HEMBA1000972
 F-HEMBA1000974//HYPOTHETICAL PROTEIN MG441.//0.98:66:28//MYCOPLASMA GENITALIUM.//P47679
 50 F-HEMBA1000975//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT).//0.028:57:36//HOMO SAPIENS (HUMAN).//P25067
 F-HEMBA1000985
 F-HEMBA1000986//SUBMANDIBULAR GLAND SECRETORY GLX-RICH PROTEIN CB PRECURSOR (GRP-CB) (CONTIGUOUS REPEAT POLYPEPTIDE) (CRP).//0.13:91:34//RATTUS NORVEGICUS (RAT).//P08462
 55 F-HEMBA1000991//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II.//5.6e-05:37:45//CAENORHABDITIS ELEGANS.//Q18964
 F-HEMBA1001007//HYPOTHETICAL PROTEIN KIAA0179.//0.27:72:41//HOMO SAPIENS (HUMAN).//Q14684
 F-HEMBA1001008//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.4e-25:61:70//HOMO SAPIENS (HUMAN).

MAN).//P39194
 F-HEMBA1001009//CUTICLE COLLAGEN 34.//0.044:214:29//CAENORHABDITIS ELEGANS.//P34687
 F-HEMBA1001017//SYNDECAN-3 PRECURSOR (N-SYNDECAN) (NEUROGLYCAN).//5.0e-85:191:84//RAT-
 TUS NORVEGICUS (RAT).//P33671
 5 F-HEMBA1001019
 F-HEMBA1001020//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//6.7e-24:49:73//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1001022
 F-HEMBA1001024//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//3.0e-11:61:59//HOMO SAPIENS (HU-
 10 MAN).//P08547
 F-HEMBA1001026//HYPOTHETICAL PROTEIN BB0073.//0.94:63:34//BORRELIA BURGDORFERI (LYME DIS-
 EASE SPIROCHETE).//O51100
 F-HEMBA1001043//INVOLUCRIN.//0.0036:238:25//SAGUINUS OEDIPUS (COTTON-TOP TAMARIN).//P24712
 F-HEMBA1001051//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//3.3e-32:95:75//HOMO SAPIENS (HUMAN).//
 15 P39189
 F-HEMBA1001052//CURROMYCIN RESISTANCE PROTEIN.//1.0:31:38//STREPTOMYCES HYGROSCOPI-
 CUS.//P16961
 F-HEMBA1001059//N-ACETYL GALACTOSAMINE-6-SULFATASE PRECURSOR (EC 3.1.6.4) (N- ACETYLA-
 LACTOSAMINE-6-SULFATE SULFATASE) (GALACTOSE-6-SULFATE SULFATASE) (GALNAC6S SULFATASE)
 20 (CHONDROITINSULFATASE) (CHONDROITINASE).//3.2e-132:249:94//HOMO SAPIENS (HUMAN).//P34059
 F-HEMBA1001060
 F-HEMBA1001071//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR.//8.3e-23:51:96//HOMO SAPIENS (HU-
 MAN).//P02461
 F-HEMBA1001077//AUTOIMMUNE REGULATOR (APECED PROTEIN).//3.4e-06:37:56//HOMO SAPIENS (HU-
 25 MAN).//O43918
 F-HEMBA1001080//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5).//0.0012:70:
 38//HERPES SIMPLEX VIRUS (TYPE 1 / STRAW MGH-10).//P37319
 F-HEMBA1001085//SERINE/THREONINE PROTEIN PHOSPHATASE 5 (EC 3.1.3.16) (PPS) (PROTEIN PHOS-
 PHATASE T) (PPT) (FRAGMENT).//0.00018:76:32//MUS MUSCULUS (MOUSE).//Q60676
 30 F-HEMBA1001088//PINCH PROTEIN (PARTICULARY INTERESTING NEW CYS-HIS PROTEIN).//3.5e-50:176:
 57//HOMO SAPIENS (HUMAN).//P48059
 F-HEMBA1001094
 F-HEMBA1001099//LIGHT-HARVESTING PROTEIN B800/850/890, ALPHA-2 CHAIN (EHA-ALPHA-2) (ANTEN-
 NA PIGMENT PROTEIN, ALPHA-2 CHAIN) (FRAGMENT).//1.0:15:60//ECTOTHIORHODOSPIRA HALOPHILA.//
 35 P80101
 F-HEMBA1001109//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//6.7e-37:102:82//HOMO SAPIENS (HU-
 MAN).//P39189
 F-HEMBA1001121//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.036:49:46//HOMO SAPIENS (HU-
 40 MAN).//P08547
 F-HEMBA1001122
 F-HEMBA1001123
 F-HEMBA1001133//HYPOTHETICAL 9.4 KD PROTEIN (ORF2).//0.86:29:41//FELINE IMMUNODEFICIENCY VI-
 RUS (ISOLATE SAN DIEGO) (FIV), AND FELINE IMMUNODEFICIENCY VIRUS (ISOLATE PETALUMA) (FIV).//
 P19033
 45 F-HEMBA1001137//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//2.0e-22:103:52//HOMO SA-
 PIENS (HUMAN).//P51523
 F-HEMBA1001140//COLLAGEN ALPHA 4(IV) CHAIN PRECURSOR.//0.032:94:36//HOMO SAPIENS (HUMAN).//
 P53420
 F-HEMBA1001172
 50 F-HEMBA1001174//ADP-RIBOSYLATION FACTOR-LIKE PROTEIN 5.//2.9e-78:179:79//RATTUS NORVEGICUS
 (RAT).//P51646
 F-HEMBA1001197//MAJOR PRION PROTEIN PRECURSOR (PRP) (PRP27-30) (PRP33-35C) (FRAGMENT).//
 0.051:96:32//CERCOCEBUS ATERRIMUS, AND MACACA SYLVANUS (BARBARY APE).//Q95145
 F-HEMBA1001208
 55 F-HEMBA1001213
 F-HEMBA1001226//PROTEASOME COMPONENT C8 (EC 3.4.99.46) (MACROPAIN SUBUNIT C8) (MULTICAT-
 ALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C8).//1.5e-08:24:91//HOMO SAPIENS (HUMAN).//P25788
 F-HEMBA1001235//FIBRONECTIN (FN) (FRAGMENT).//0.76:50:38//ORYCTOLAGUS CUNICULUS (RABBIT).//

- Q28749
F-HEMBA1001247//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//0.00052:16:81//VOLVOX CART-
ERI.//P21997
- 5 F-HEMBA1001257//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-.-).//1.6e-68:178:77//RATTUS NORVEGI-
CUS (RAT).//P70473
- F-HEMBA1001265//MANNAN ENDO-1,4-BETA-MANNOSIDASE A PRECURSOR (EC 3.2.1.78) (BETA- MAN-
NANASE A) (1,4-BETA-D-MANNAN MANNANOHYDROLASE A).//0.67:23:60//PIROMYCES SP.//P55296
- F-HEMBA1001281//HYPOTHETICAL 8.9 KD PROTEIN YCF34 (ORF76).//0.83:48:35//PORPHYRA PURPU-
REA.//P51229
- 10 F-HEMBA1001286//COMPLEMENT DECAY-ACCELERATING FACTOR PRECURSOR.//1.3e-07:185:29//CAVIA
PORCELLUS (GUINEA PIG).//Q60401
- F-HEMBA1001289//METABOTROPIC GLUTAMATE RECEPTOR 3 PRECURSOR.//0.00018:159:30//RATTUS
NORVEGICUS (RAT).//P31422
- F-HEMBA1001294
- 15 F-HEMBA1001299//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.3e-07:27:77//HOMO SAPIENS (HUMAN).//
P39195
- F-HEMBA1001302//45 KD CALCIUM-BINDING PROTEIN PRECURSOR (STROMAL CELL-DERIVED FACTOR
4) (SDF-4).//3.3e-61:150:76//MUS MUSCULUS (MOUSE).//Q61112
- F-HEMBA1001303
- 20 F-HEMBA1001310//HYPOTHETICAL PROTEIN KIAA0161.//2.7e-10:170:27//HOMO SAPIENS (HUMAN).//
P50876
- F-HEMBA1001319
- F-HEMBA1001323
- 25 F-HEMBA1001326//HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION.//1.1e-39:144:
38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43601
- F-HEMBA1001327
- F-HEMBA1001330
- F-HEMBA1001351//VESICLE-ASSOCIATED MEMBRANE PROTEIN/SYNAPOBREVIN BINDING PROTEIN
(VAP-33).//1.9e-37:155:46//APLYSIA CALIFORNICA (CALIFORNIA SEA HARE).//Q16943
- 30 F-HEMBA1001361//RUBREDOXIN (RD).//0.95:44:29//ALCALIGENES EUTROPHUS.//P31912
- F-HEMBA1001375//AEROLYSIN REGULATORY PROTEIN.//0.013:45:33//AEROMONAS SOBRIA.//P09165
- F-HEMBA1001377//SPERM PROTAMINE P1.//1.0:22:40//PLANIGALE MACULATA SINUALIS (COMMON PLAN-
IGALE).//O18746
- 35 F-HEMBA1001383//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN).//0.60:37:29//HUMAN IM-
MUNODEFICIENCY VIRUS TYPE 1 (Z2/CDC-Z34 ISOLATE) (HIV-1).//P12506
- F-HEMBA1001387//GTP-BINDING PROTEIN TC10.//6.6e-43:83:92//HOMO SAPIENS (HUMAN).//P17081
- F-HEMBA1001388//HYPOTHETICAL PROTEIN KIAA0136 (FRAGMENT).//0.00088:46:45//HOMO SAPIENS
(HUMAN).//Q14149
- F-HEMBA1001391
- 40 F-HEMBA1001398//CLOACIN (EC 3.1.-.-) (RIBONUCLEASE).//1.0:59:37//ESCHERICHIA COLI.//P00645
- F-HEMBA1001405//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.25:41:34//HOMO SAPIENS
(HUMAN).//P22531
- F-HEMBA1001407//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CON-
TAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//4.0e-09:129:40//HOMO SAPIENS (HUMAN).//P04280
- 45 F-HEMBA1001411//HYPOTHETICAL 34.9 KD PROTEIN IN CYSJ-ENO INTERGENIC REGION (O313).//0.95:88:
31//ESCHERICHIA COLI.//P55140
- F-HEMBA1001413//SOX-12 PROTEIN (FRAGMENT).//0.95:46:32//MUS MUSCULUS (MOUSE).//Q04890
- F-HEMBA1001415//HISTONE H5.//0.43:95:29//GALLUS GALLUS (CHICKEN).//P02259
- 50 F-HEMBA1001432//LANTIBIOTIC NISIN A PRECURSOR.//0.77:46:32//LACTOCOCCUS LACTIS (SUBSP. LAC-
TIS) (STREPTOCOCCUS LACTIS).//P13068
- F-HEMBA1001433//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.8e-09:132:31//NYCTICEBUS COU-
CANG (SLOW LORIS).//P08548
- F-HEMBA1001435//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.2e-31:84:77//HOMO SAPIENS (HUMAN).//
P39189
- 55 F-HEMBA1001442
- F-HEMBA1001446//ANTIFREEZE PEPTIDE 4 PRECURSOR.//0.71:41:39//PSEUDOPLEURONECTA AMERI-
CANUS (WINTER FLOUNDER).//P02734
- F-HEMBA1001450//PROLINE-RICH PROTEIN LAS17.//0.13:127:27//SACCHAROMYCES CEREVISIAE (BAK-

ER'S YEAST).//Q12446
 F-HEMBA1001454//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.57:38:47//HANSENULA WINGEI
 (YEAST).//P48882
 F-HEMBA1001455//CHEMOTAXIS PROTEIN CHEA (EC 2.7.3.-).//0.98:124:25//BORRELIA BURGDORFERI
 5 (LYME DISEASE SPIROCHETE).//Q44737
 F-HEMBA1001463//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.8e-32:62:67//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1001476//NUCLEOPORIN NUP159 (NUCLEAR PORE PROTEIN NUP159).//6.8e-09:252:36//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40477
 10 F-HEMBA1001478
 F-HEMBA1001497//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.2e-33:105:72//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1001510//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//8.3e-37:54:81//HOMO SAPIENS (HUMAN).//
 P39189
 15 F-HEMBA1001515//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.0e-63:223:57//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1001517
 F-HEMBA1001522//TROPOMYOSIN ALPHA CHAIN, SMOOTH MUSCLE.//0.78:150:22//COTURNIX COTURNIX
 JAPONICA (JAPANESE QUAIL).//P49437
 20 F-HEMBA1001526//PERIPLASMIC [FE] HYDROGENASE 1 (EC 1.18.99.1).//1.6e-06:130:29//CLOSTRIDIUM
 PASTEURIANUM.//P29166
 F-HEMBA1001533//PROBABLE E5A PROTEIN.//0.73:35:37//HUMAN PAPILLOMAVIRUS TYPE 6A.//Q84296
 F-HEMBA1001557//HYPOTHETICAL 17.1 KD PROTEIN IN PUR5 3'REGION.//1.5e-07:99:36//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P38898
 25 F-HEMBA1001566//HYPOTHETICAL PROTEIN BB0692.//0.91:27:44//BORRELIA BURGDORFERI (LYME DIS-
 EASE SPIROCHETE).//O51635
 F-HEMBA1001569//SYNAPTOBREVIN 2 (VESICLE ASSOCIATED MEMBRANE PROTEIN 2) (VAMP-2).//2.2e-
 50:110:95//HOMO SAPIENS (HUMAN), AND BOS TAURUS (BOVINE).//P19065
 F-HEMBA1001570//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//3.3e-33:107:72//HOMO SAPIENS (HU-
 30 MAN).//P39195
 F-HEMBA1001579//RING CANAL PROTEIN (KELCH PROTEIN).//1.2e-14:111:39//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-HEMBA1001581
 F-HEMBA1001585
 35 F-HEMBA1001589//PROBABLE DNA-BINDING PROTEIN (AGNOPROTEIN).//0.98:51:33//HUMAN ADENOVIRUS
 TYPE 2.//P03263
 F-HEMBA1001595//SEPTIN 2 HOMOLOG (FRAGMENT).//3.0e-124:274:85//HOMO SAPIENS (HUMAN).//
 Q14141
 F-HEMBA1001608//RENAL SODIUM/DICARBOXYLATE COTRANSPORTER (NA(+)/DICARBOXYLATE
 40 COTRANSPORTER).//0.99:28:39//ORYCTOLAGUS CUNICULUS (RABBIT).//Q28615
 F-HEMBA1001620//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//4.3e-45:222:46//
 SPIRODELA POLYRRHIZA.//P42803
 F-HEMBA1001635//FIBRILLARIN.//0.10:72:38//CAENORHABDITIS ELEGANS.//Q22053
 F-HEMBA1001636//PAIRED BOX PROTEIN PAX-8, ISOFORMS 8C/8D.//0.75:38:47//HOMO SAPIENS (HU-
 45 MAN).//Q09155
 F-HEMBA1001640//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//14.7e-06:80:41//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1001647//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130).//0.075:165:32//HOMO SAPIENS (HUMAN).//O00268
 50 F-HEMBA1001651//GOLGIN-95.//6.8e-05:141:24//HOMO-SAPIENS (HUMAN).//Q08379
 F-HEMBA1001655//PROLINE-RICH PROTEIN LAS17.//0.19:97:30//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//Q12446
 F-HEMBA1001658//TETRAHYDROMETHANOPTERIN S-METHYLTRANSFERASE 12 KD SUBUNIT (EC
 2.1.1.86) (N5-METHYLTETRAHYDROMETHANOPTERIN-COENZYME M METHYLTRANSFERASE 12 KD SUB-
 55 UNIT).//1.0:29:44//METHANOBACTERIUM THERMOAUTOTROPHICUM (STRAIN MARBURG / DSM 2133).//
 Q50773
 F-HEMBA1001661//CELLULOSE COMPLEMENTING PROTEIN.//0.35:87:33//ACETOBACTER XYLINUM (AC-
 ETOBACTER PASTEURIANUS).//P37697

F-HEMBA1001672//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS).//2.7e-10:216:35//PLASMODIUM
 CYNOMOLGI (STRAIN BEROK).//P08672
 F-HEMBA1001675//NODULIN 20 PRECURSOR (N-20).//0.98:36:44//GLYCINE MAX (SOYBEAN).//P08960
 F-HEMBA1001678/////ALU SUBFAMILY SX WARNING ENTRY !!!!!//8.2e-13:62:64//HOMO SAPIENS (HUMAN).//
 5 P39195
 F-HEMBA1001681//HYPOTHETICAL 41.5 KD PROTEIN IN P6.5-VP48 INTERGENIC REGION (P40) (ORF3)
 (ORF102).//1.0:51:39//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//
 P24653
 F-HEMBA1001702//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6).//0.017:54:37//TRYPANOSOMA BRU-
 10 CEI BRUCEI.//P24499
 F-HEMBA1001709//HYPOTHETICAL 21.2 KD PROTEIN IN TOR2-MNN4 INTERGENIC REGION.//0.59:109:35//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36042
 F-HEMBA1001711
 F-HEMBA1001712//HYPOTHETICAL 6.9 KD PROTEIN IN 100 KD PROTEIN REGION.//0.54:44:34//HUMAN AD-
 15 ENOVIRUS TYPE 41.//P23690
 F-HEMBA1001714//ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR.//1.2e-19:60:75//RATTUS NOR-
 VEGICUS (RAT).//Q03344
 F-HEMBA1001718//HYPOTHETICAL PROTEIN UL63.//1.0:54:37//HUMAN CYTOMEGALOVIRUS (STRAIN
 AD169).//P16820
 20 F-HEMBA1001723//HYPOTHETICAL 34.0 KD TRP-ASP REPEATS CONTAINING PROTEIN IN SIS1-MRPL2
 INTERGENIC REGION.//5.1e-26:90:53//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P41318
 F-HEMBA1001731//HYPOTHETICAL 16.6 KD PROTEIN.//0.71:49:32//AVIAN INFECTIOUS BURSAL DISEASE
 VIRUS (STRAIN 52/70) (IBDV).//P25221
 F-HEMBA1001734
 25 F-HEMBA1001744//SCY1 PROTEIN.//2.1e-11:182:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P53009
 F-HEMBA1001745//HYPOTHETICAL 11.6 KD PROTEIN IN NUT1-ARO2 INTERGENIC REGION PRECUR-
 SOR.//1.0:36:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53116
 F-HEMBA1001746//PROTEIN-EXPORT MEMBRANE PROTEIN SECG HOMOLOG.//0.94:48:35//MYCOBACTE-
 30 RIUM LEPRAE.//P38388
 F-HEMBA1001761
 F-HEMBA1001781//ZINC FINGER PROTEIN 19 (ZINC FINGER PROTEIN KOX12) (FRAGMENT).//0.028:47:40//
 HOMO SAPIENS (HUMAN).//P17023
 F-HEMBA1001784//HYPOTHETICAL 6.1 KD PROTEIN C03B1.10 IN CHROMOSOME X.//0.00068:32:46//
 35 CAENORHABDITIS ELEGANS.//Q11116
 F-HEMBA1001791//METALLOTHIONEIN (MT).//1.0:34:35//PLEURONECTES PLATESSA (PLAICE).//P07216
 F-HEMBA1001800//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//1.5e-14:60:
 48//MUS MUSCULUS (MOUSE).//P16372
 F-HEMBA1001803
 40 F-HEMBA1001804//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1 PRECURSOR.//9.3e-17:56:57//
 ORYZA SATIVA (RICE).//P25074
 F-HEMBA1001808//PARANEOPLASTIC ENCEPHALOMYELITIS ANTIGEN HUD HOMOLOG (HU-ANTIGEN
 D).//0.75:97:31//RATTUS NORVEGICUS (RAT).//O09032
 F-HEMBA1001809//IMMEDIATE-EARLY PROTEIN IE180.//4.5e-11:206:36//PSEUDORABIES VIRUS (STRAIN
 45 INDIANA-FUNKHAUSER / BECKER) (PRV).//P11675
 F-HEMBA1001815//60S RIBOSOMAL PROTEIN L37-B (YL27) (FRAGMENT).//0.34:30:30//SCHIZOSACCHA-
 ROMYCES POMBE (FISSION YEAST).//P05733
 F-HEMBA1001819//ZINC FINGER PROTEIN 135.//2.6e-102:262:66//HOMO SAPIENS (HUMAN).//P52742
 F-HEMBA1001820
 50 F-HEMBA1001822//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 EPS15).//1.2e-18:251:33//MUS MUSCULUS (MOUSE).//P42567
 F-HEMBA1001824//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//4.7e-11:124:37//
 OVIS ARIES (SHEEP).//P26372
 F-HEMBA1001835
 55 F-HEMBA1001844/////ALU SUBFAMILY SX WARNING ENTRY !!!!!//4.3e-14:36:63//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBA1001847//ZINC FINGER PROTEIN 29 (ZFP-29).//2.7e-36:135:51//MUS MUSCULUS (MOUSE).//
 Q07230

F-HEMBA1001861
 F-HEMBA1001864//HEAT-STABLE ENTEROTOXIN A3/A4 PRECURSOR (STA3/STA4) (ST-IB) (ST-H)//1.0:31:38//ESCHERICHIA COLI//P07965
 F-HEMBA1001866//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT)//9.7e-42:234:41//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q09332
 5 F-HEMBA1001869//HYPOTHETICAL 94.9 KD PROTEIN C22E12.11C IN CHROMOSOME I//5.3e-13:65.47//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10362
 F-HEMBA1001888//HYPOTHETICAL 11.4 KD PROTEIN (ORF1)//0.85:62:37//STREPTOMYCES FRADIAE//P26800
 10 F-HEMBA1001896//DIMETHYLGLYCINE DEHYDROGENASE PRECURSOR (EC 1.5.99.2) (ME2GLYDH)//9.8e-20:250:29//RATTUS NORVEGICUS (RAT)//Q63342
 F-HEMBA1001910//EUKARYOTIC TRANSLATION INITIATION FACTOR 4E (EIF-4E) (EIF4E) (MRNA CAP-BINDING PROTEIN) (EIF-4F 25 KD SUBUNIT)//0.94:44:38//CAENORHABDITIS ELEGANS//Q061955
 F-HEMBA1001912//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.7e-07:53:62//HOMO SAPIENS (HUMAN)//P39188
 15 F-HEMBA1001913//GCN20 PROTEIN//1.8e-21:68:60//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P43535
 F-HEMBA1001915//KLEE PROTEIN (KCRB3 PROTEIN)//0.94:64:21//ESCHERICHIA COLI//Q52280
 F-HEMBA1001918
 20 F-HEMBA1001921
 F-HEMBA1001939//CHLOROPLAST 50S RIBOSOMAL PROTEIN L24//1.0:47:31//ODONTELLA SINENSIS//P49560
 F-HEMBA1001940//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0017:31:77//HOMO SAPIENS (HUMAN)//P39188
 25 F-HEMBA1001942//HIBERNATION-ASSOCIATED PLASMA PROTEIN HP-27 PRECURSOR (HIBERNATOR-SPECIFIC BLOOD COMPLEX, 27 KD SUBUNIT)//1.0:77:28//TAMIAS ASIATICUS (CHIPMUNK)//Q06577
 F-HEMBA1001945//HYPOTHETICAL 4.6 KD PROTEIN IN GP47-AGT INTERGENIC REGION (ORF E)//1.0:35:37//BACTERIOPHAGE T4//P32269
 F-HEMBA1001950//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.43:18:44//DROSOPHILA YAKUBA (FRUIT FLY)//P03933
 30 F-HEMBA1001960//HOMEOBOX PROTEIN HOX-C5 (HOX-3D) (CP11)//0.17:12:66//HOMO SAPIENS (HUMAN)//Q00444
 F-HEMBA1001962//HYPOTHETICAL 9.0 KD PROTEIN IN ADH4 5'REGION//1.0:30:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53056
 35 F-HEMBA1001964
 F-HEMBA1001967//HYPOTHETICAL PROTEIN UL61//0.027:111:36//HUMAN CYTOMEGALOVIRUS (STRAIN AD169)//P16818
 F-HEMBA1001979
 F-HEMBA1001987//HYPOTHETICAL 11.2 KD PROTEIN (ORF117)//1.0:83:32//ORGYIA PSEUDOTSUGATA
 40 MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10356
 F-HEMBA1001991//NEUROTOXIN 1 (TOXIN ATX-I)//0.99:31:45//ANEMONIA SULCATA (SNAKE-LOCKS SEA ANEMONE)//P01533
 F-HEMBA1002003//GLYCERALDEHYDE 3-PHOSPHATE DEHYDROGENASE, TESTIS-SPECIFIC (EC 1.2.1.12) (GAPDH)//5.5e-07:109:32//MUS MUSCULUS (MOUSE)//Q64467
 45 F-HEMBA1002008
 F-HEMBA1002018//EC PROTEIN HOMOLOG 2 (FRAGMENT)//0.83:66:33//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//Q42377
 F-HEMBA1002022//INSULIN//1.0:59:32//SQUALUS ACANTHIAS (SPINY DOGFISH)//P12704
 F-HEMBA1002035//MONOCYTIC LEUKEMIA ZINC FINGER PROTEIN//8.3e-15:64:40//HOMO SAPIENS (HUMAN)//Q92794
 50 F-HEMBA1002039//HYPOTHETICAL PROLINE-RICH PROTEIN KIAA0269//0.0070:70:40//HOMO SAPIENS (HUMAN)//Q92558
 F-HEMBA1002049//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.5e-07:37:75//HOMO SAPIENS (HUMAN)//P39188
 55 F-HEMBA1002084
 F-HEMBA1002092//SPT23 PROTEIN//0.12:208:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P35210
 F-HEMBA1002100

F-HEMBA1002102//ANKYRIN.//1.4e-12:106:35//MUS MUSCULUS (MOUSE).//Q02357
 F-HEMBA1002113//EARLY NODULIN 20 PRECURSOR (N-20).//0.073:155:32//MEDICAGO TRUNCATULA
 (BARREL MEDIC).//P93329
 5 F-HEMBA1002119//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.85:22:36//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 F-HEMBA1002125//GAG POLYPROTEIN [CONTAINS: CORE PROTEINS P15, P12, P30].//0.35:111:33//FELINE
 SARCOMA VIRUS (STRAIN SNYDER-THEILEN).//P03338
 F-HEMBA1002139//HYPOTHETICAL 12.4 KD PROTEIN IN SEC17-QCR1 INTERGENIC REGION.//0.88:72:25//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38192
 10 F-HEMBA1002144
 F-HEMBA1002150//THROMBOMODULIN (FETOMODULIN) (TM) (FRAGMENT).//4.8e-10:65:46//BOS TAURUS
 (BOVINE).//P06579
 F-HEMBA1002151//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//0.24:146:28//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P32323
 15 F-HEMBA1002153//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0.93:58:25//APIS MEL-
 LIFERA (HONEYBEE).//P34859
 F-HEMBA1002160//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.1e-21:94:65//HOMO SAPIENS (HUMAN).//
 P39193
 20 F-HEMBA1002161//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM.//1.4e-51:180:56//SUS
 SCROFA (PIG).//P79293
 F-HEMBA1002162//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.1e-40:102:75//HOMO SAPIENS (HU-
 MAN).//P39193
 F-HEMBA1002166//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.8e-13:133:45//HOMO SAPIENS (HUMAN).//
 P39188
 25 F-HEMBA1002177//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//0.0014:153:26//HOMO SAPIENS (HU-
 MAN).//P52746
 F-HEMBA1002185
 F-HEMBA1002189//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/0.86:46:45//HOMO SAPIENS (HUMAN).//
 P39194
 30 F-HEMBA1002191//MALE SPECIFIC SPERM PROTEIN MST84DC.//0.037:14:57//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01644
 F-HEMBA1002199
 F-HEMBA1002204
 F-HEMBA1002212//DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE
 35 KINASE DSOR1 (EC 2.7.1.-) (DOWNSTREAM OF RAF) (MAPKK).//3.2e-13:201:30//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q24324
 F-HEMBA1002215//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//1.1e-62:147:84//MUS MUSCULUS
 (MOUSE).//P47226
 40 F-HEMBA1002226//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.6e-26:168:44//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1002229//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!!/6.8e-18:68:72//HOMO SAPIENS (HU-
 MAN).//P39190
 F-HEMBA1002237//EAMZP30-47 PROTEIN (FRAGMENT).//0.96:21:61//EIMERIA ACERVULINA.//P21959
 F-HEMBA1002241//METALLOTHIONEIN (MT).//0.95:25:48//PARACENTROTUS LIVIDUS (COMMON SEA UR-
 45 CHIN).//P80367
 F-HEMBA1002253//METALLOTHIONEIN-II (MT-II).//0.97:27:48//MESOCRICETUS AURATUS (GOLDEN HAM-
 STER).//P17808
 F-HEMBA1002257
 F-HEMBA1002265//MALE SPECIFIC SPERM PROTEIN MST84DC.//0.95:24:50//DROSOPHILA MELA-
 50 NOGASTER (FRUIT FLY).//Q01644
 F-HEMBA1002267//NEURONAL PROTEIN 3.1 (P311 PROTEIN).//0.94:33:33//GALLUS GALLUS (CHICKEN).//
 Q90667
 F-HEMBA1002270
 F-HEMBA1002321//HYPOTHETICAL IMMUNITY REGION PROTEIN 14.//0.99:22:40//BACTERIOPHAGE PHI-
 55 105.//P10437
 F-HEMBA1002328
 F-HEMBA1002337
 F-HEMBA1002341//P53-BINDING PROTEIN 53BP2 (FRAGMENT).//3.7e-55:109:96//MUS MUSCULUS

(MOUSE).//Q62415
F-HEMBA1002348//PROBABLE E5 PROTEIN.//0.43:30:50//HUMAN PAPILLOMAVIRUS TYPE 35.//P27226
F-HEMBA1002349
F-HEMBA1002363//CHROMOSOME ASSEMBLY PROTEIN XCAP-E.//5.7e-105:278:71//XENOPUS LAEVIS
5 (AFRICAN CLAWED FROG).//P50533
F-HEMBA1002381//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.3e-24:69:73//HOMO SAPIENS (HUMAN).//
P39188
F-HEMBA1002389//EARLY NODULIN 20 PRECURSOR (N-20).//0.16:110:31//MEDICAGO TRUNCATULA (BAR-
REL MEDIC).//P93329
10 F-HEMBA1002417//TIGHT JUNCTION PROTEIN ZO-1 (TIGHT JUNCTION PROTEIN 1).//2.6e-51:187:56//MUS
MUSCULUS (MOUSE).//P39447
F-HEMBA1002419//PROLINE-RICH PEPTIDE P-B.//1.0:18:61//HOMO SAPIENS (HUMAN).//P02814
F-HEMBA1002430//HYPOTHETICAL 12.3 KD PROTEIN IN GAP1-NAP1 INTERGENIC REGION.//0.042:41:46//
SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36140
15 F-HEMBA1002439//CHLOROPLAST 50S RIBOSOMAL PROTEIN L27 (FRAGMENT).//0.99:47:29//CALYPTRO-
SPHAERA SPHAEROIDEA.//P41548
F-HEMBA1002458//OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74.//4.1e-24:109:55//HOMO SAPI-
ENS (HUMAN).//Q00994
F-HEMBA1002460
20 F-HEMBA1002462//SALIVARY PROLINE-RICH PROTEIN II-1 (FRAGMENT).//0.00025:80:30//HOMO SAPIENS
(HUMAN).//P81489
F-HEMBA1002469//PUTATIVE TUMOR SUPPRESSOR LUCA15.//0.0012:110:33//HOMO SAPIENS (HUMAN).//
P52756
F-HEMBA1002475//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//0.37:106:33//MUS MUSCULUS
25 (MOUSE).//P05143
F-HEMBA1002477//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.3e-34:96:71//HOMO SAPIENS (HU-
MAN).//P39194
F-HEMBA1002486
F-HEMBA1002495//LIGHT-MEDIATED DEVELOPMENT PROTEIN DET1.//2.9e-31:110:39//ARABIDOPSIS
30 THALIANA (MOUSE-EAR CRESS).//P48732
F-HEMBA1002498//SFT2 PROTEIN.//1.0:54:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
P38166
F-HEMBA1002503//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.0e-06:49:63//HOMO SAPIENS (HUMAN).//
P39188
35 F-HEMBA1002508//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.6e-22:169:44//HOMO SAPIENS (HU-
MAN).//P39195
F-HEMBA1002513//HYPOTHETICAL 89.8 KD PROTEIN F41H10.6 IN CHROMOSOME IV.//0.00017:79:35//
CAENORHABDITIS ELEGANS.//Q20296
F-HEMBA1002515
40 F-HEMBA1002538//ATP SYNTHASE E CHAIN, MITOCHONDRIAL (EC 3.6.1.34).//1.0:53:37//SACCHAROMY-
CES CEREVISIAE (BAKER'S YEAST).//P81449
F-HEMBA1002542//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.7e-32:96:75//HOMO SAPIENS (HUMAN).//
P39188
F-HEMBA1002547//AGRIN PRECURSOR.//2.5e-100:218:80//RATTUS NORVEGICUS (RAT).//P25304
45 F-HEMBA1002552//HEP27 PROTEIN (PROTEIN D).//9.5e-12:29:82//HOMO SAPIENS (HUMAN).//Q13268
F-HEMBA1002555//COLLAGEN ALPHA 1(III) CHAIN.//2.4e-15:207:36//BOS TAURUS (BOVINE).//P04258
F-HEMBA1002558//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.0:34:50//HOMO SAPIENS (HUMAN).//
P39193
F-HEMBA1002561//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.5e-05:49:46//NYCTICEBUS COU-
50 CANG (SLOW LORIS).//P08548
F-HEMBA1002569//SINGLE-STRANDED DNA-BINDING PROTEIN P12.//0.97:60:33//BACTERIOPHAGE
PRD1.//P17637
F-HEMBA1002583
F-HEMBA1002590//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.6e-15:54:55//HOMO SAPIENS (HUMAN).//
55 P39188
F-HEMBA1002592//HISTIDINE-RICH PROTEIN.//0.99:39:28//PLASMODIUM FALCIPARUM (ISOLATE FCM17 /
SENEGAL).//P14586
F-HEMBA1002609//SSM4 PROTEIN.//1.9e-12:135:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//

P40318
 F-HEMBA1002621//CYTOCHROME B6-F COMPLEX 3.5 KD SUBUNIT (CYTOCHROME B6-F COMPLEX SUB-UNIT 6).//1.0:20:55//ZEA MAYS (MAIZE).//P19445
 F-HEMBA1002624//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//
 5 0.0035:124:33//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-HEMBA1002628
 F-HEMBA1002629//IMMEDIATE-EARLY PROTEIN IE180.//0.84:80:36//PSEUDORABIES VIRUS (STRAIN KAP-LAN) (PRV).//P33479
 F-HEMBA1002645//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.8e-16:57:68//HOMO SAPIENS (HUMAN).//
 10 P39193
 F-HEMBA1002651
 F-HEMBA1002659//CUTICLE COLLAGEN 2.//0.0077:77:38//CAENORHABDITIS ELEGANS.//P17656
 F-HEMBA1002661//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.3e-89:116:72//HOMO SAPIENS (HU-MAN).//P08547
 15 F-HEMBA1002666//BETA CRYSTALLIN A4.//0.18:58:44//GALLUS GALLUS (CHICKEN).//P49152
 F-HEMBA1002678
 F-HEMBA1002679//GLUTAMIC ACID-RICH PROTEIN PRECURSOR.//5.7e-06:219:27//PLASMODIUM FALCI-PARUM (ISOLATE FC27 / PAPUA NEW GUINEA).//P13816
 F-HEMBA1002688//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//1.1e-07:198:32//NEPHILA CLA-VIPES (ORB SPIDER).//P46804
 20 F-HEMBA1002696//COLLAGEN ALPHA 1(VII) CHAIN PRECURSOR (LONG-CHAIN COLLAGEN) (LC COLLA-GEN).//0.16:158:33//HOMO SAPIENS (HUMAN).//Q02388
 F-HEMBA1002703//HYPOTHETICAL BHLF1 PROTEIN.//0.78:147:29//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
 25 F-HEMBA1002712//11.2 KD PROTEIN (ORF 103).//0.029:75:34//BACTERIOPHAGE PF1.//P25133
 F-HEMBA1002716//50S RIBOSOMAL PROTEIN L28.//1.0:44:27//BACILLUS SUBTILIS.//P37807
 F-HEMBA1002728//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.4e-18:56:75//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBA1002730//HYPOTHETICAL PROTEIN MJ0316.//0.097:84:35//METHANOCOCCUS JANNASCHII.//
 30 Q57764
 F-HEMBA1002742//APOLIPOPROTEIN C-III PRECURSOR (APO-CIII).//0.97:26:50//SUS SCROFA (PIG).//
 P27917
 F-HEMBA1002746//CALPHOTIN.//0.35:65:35//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q02910
 F-HEMBA1002748//PLATELET GLYCOPROTEIN IB BETA CHAIN PRECURSOR (GP-IB BETA) (GPIIB).//1.0:
 35 74:32//MUS MUSCULUS (MOUSE).//P56400
 F-HEMBA1002750//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/7.0e-15:49:75//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1002768//HYPOTHETICAL 72.2 KD PROTEIN C12C2.05C IN CHROMOSOME II.//0.00036:197:26//
 40 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09746
 F-HEMBA1002770//UTEROGLOBIN PRECURSOR (BLASTOKININ).//023:88:27//ORYCTOLAGUS CUNICU-LUS (RABBIT).//P02779
 F-HEMBA1002777//HOMEBOX PROTEIN HOX-A4 (HOX-1.4) (MH-3).//0.00018:67:43//MUS MUSCULUS (MOUSE).//P06798
 F-HEMBA1002779//HYPOTHETICAL 17.6 KD PROTEIN IN NPR1-RPS3 INTERGENIC REGION.//0.70:30:53//
 45 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53880
 F-HEMBA1002780//OLFACTORY RECEPTOR 3 (K10) (FRAGMENT).//1.0:31:45//MUS MUSCULUS (MOUSE).//
 Q60879
 F-HEMBA1002794//HMG-Y RELATED PROTEIN B (SB16B PROTEIN) (FRAGMENT).//0.0044:66:37//GLYCINE
 MAX (SOYBEAN).//Q10370
 50 F-HEMBA1002801
 F-HEMBA1002810//HYPOTHETICAL 25.9 KD PROTEIN AH6.3 IN CHROMOSOME II.//0.0033:116:31//
 CAENORHABDITIS ELEGANS.//Q09202
 F-HEMBA1002816//HYPOTHETICAL 47.1 KD PROTEIN C9G1.13C IN CHROMOSOME I.//1.0e-17:68:48//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14308
 55 F-HEMBA1002818//FIBULIN-2 PRECURSOR.//2.1e-27:92:44//MUS MUSCULUS (MOUSE).//P37889
 F-HEMBA1002826//DNA-BINDING PROTEIN 65 (PROTEIN GP65).//0.28:46:34//BACTERIOPHAGE T4.//
 P16012
 F-HEMBA1002833

F-HEMBA1002850//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:27:37//METRIDIDIUM SENILE
 (BROWN SEA ANEMONE) (FRILLED SEA ANEMONE)//O47493
 F-HEMBA1002863//PHOTOSYSTEM I REACTION CENTRE SUBUNIT IV (PHOTOSYSTEM I 8.1 KD PROTEIN)
 (P30 PROTEIN) (PSI-E)//0.84:37:43//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//P12975
 5 F-HEMBA1002876//OCTAPEPTIDE-REPEAT PROTEIN T2//0.74:58:34//MUS MUSCULUS (MOUSE)//Q06666
 F-HEMBA1002886
 F-HEMBA1002896//HOMEODOMAIN PROTEIN HOX-B3 (HOX-2G) (HOX-2.7)//4.7e-05:84:35//HOMO SAPIENS
 (HUMAN)//P14651
 F-HEMBA1002921//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN)//0.21:42:42//HUMAN IMU-
 NODEFICIENCY VIRUS TYPE 1 (RF/HAT ISOLATE) (HIV-1)//P05908
 10 F-HEMBA1002924//EC PROTEIN HOMOLOG 2 (FRAGMENT)//0.85:75:22//ARABIDOPSIS THALIANA
 (MOUSE-EAR CRESS)//Q42377
 F-HEMBA1002934//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.4e-31:92:72//HOMO SAPIENS (HUMAN)//
 P39188
 15 F-HEMBA1002935//GASTRULA ZINC FINGER PROTEIN XLCGF58.1 (FRAGMENT)//7.7e-06:187:29//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG)//P18730
 F-HEMBA1002937//SUPPRESSOR PROTEIN SRP40//0.00031:150:24//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P32583
 F-HEMBA1002939//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN)//5.2e-25:225:33//HO-
 20 MO SAPIENS (HUMAN)//P16157
 F-HEMBA1002944
 F-HEMBA1002951//TRICHOHYALIN//0.0011:220:24//HOMO SAPIENS (HUMAN)//Q07283
 F-HEMBA1002954//PROBABLE E8 PROTEIN//0.98:49:32//BOVINE PAPILLOMAVIRUS TYPE 4//P08352
 F-HEMBA1002968//ACCESSORY GLAND PEPTIDE PRECURSOR (PARAGONIAL PEPTIDE B)//0.93:41:34//
 25 DROSOPHILA SECHELLIA (FRUIT FLY)//O18417
 F-HEMBA1002970//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/0.00010:35:62//HOMO SAPIENS (HU-
 MAN)//P39193
 F-HEMBA1002971//INSULIN//1.0:31:35//HYDROLAGUS COLLIEI (SPOTTED RATFISH) (PACIFIC RATFISH),
 AND CHIMAERA MONSTROSA (RABBIT FISH)//P09536 F-HEMBA1002973//CAMP-DEPENDENT 3',5'-CY-
 30 CLIC PHOSPHODIESTERASE 4B (EC 3.1.4.17) (DPDE4)//3.0e-29:63:100//RATTUS NORVEGICUS (RAT)//
 P14646
 F-HEMBA1002997//HYPOTHETICAL 106.5 KD PROTEIN IN CTT1-PRP31 INTERGENIC REGION//1.0e-08:
 211:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53253
 F-HEMBA1002999//SUPPRESSOR PROTEIN SRP40//0.026:175:23//SACCHAROMYCES CEREVISIAE (BAK-
 35 ER'S YEAST)//P32583
 F-HEMBA1003021//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.3e-36:102:70//HOMO SAPIENS (HU-
 MAN)//P39194
 F-HEMBA1003033//HYPOTHETICAL 23.1 KD PROTEIN CY277.20C//0.029:75:29//MYCOBACTERIUM TU-
 BERCULOSIS//P71779
 40 F-HEMBA1003034//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/6.3e-23:144:46//HOMO SAPIENS (HU-
 MAN)//P39192
 F-HEMBA1003035//HYPOTHETICAL 13.3 KD PROTEIN IN AROD-COMER INTERGENIC REGION//0.99:55:
 30//BACILLUS SUBTILIS//P54457
 F-HEMBA1003037//DNA-BINDING PROTEIN INHIBITOR ID-4//0.17:42:40//HOMO SAPIENS (HUMAN)//
 45 P47928
 F-HEMBA1003041//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//0.69:28:46//HO-
 MO SAPIENS (HUMAN)//P30808
 F-HEMBA1003046//MITOCHONDRIAL PROCESSING PROTEASE BETA SUBUNIT PRECURSOR (EC
 3.4.24.64) (BETA-MPP) (P-52)//7.9e-124:253:96//HOMO SAPIENS (HUMAN)//O75439
 50 F-HEMBA1003064//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3)//0.25:263:22//TRYPANOS-
 OMA BRUCEI BRUCEI//P04540
 F-HEMBA1003067//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION//4.1e-05:
 189:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 F-HEMBA1003071//CUTICLE COLLAGEN 40//6.0e-07:126:38//CAENORHABDITIS ELEGANS//P34804
 55 F-HEMBA1003077//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN)//2.4e-12:
 139:34//HOMO SAPIENS (HUMAN)//Q06828
 F-HEMBA1003078//RETROVIRUS-RELATED POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE]//7.2e-05:60:40//MUS MUSCULUS (MOUSE)//P11369

F-HEMBA1003079//PROTEIN Q300.//0.0012:16:87//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBA1003083//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/3.3e-32:95:75//HOMO SAPIENS (HUMAN).//
 P39189
 F-HEMBA1003086
 5 F-HEMBA1003096//PROTAMINE IA (IRIDINE IA).//0.36:20:40//SALMO IRIDEUS (RAINBOW TROUT).//P02328
 F-HEMBA1003098//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.4e-09:43:72//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1003117//PUTATIVE CUTICLE COLLAGEN C09G5.5.//1.0:88:38//CAENORHABDITIS ELEGANS.//
 Q09456
 10 F-HEMBA1003129//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0.61:63:25//APIS MEL-
 LIFERA (HONEYBEE).//P34859
 F-HEMBA1003133//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT).//0.48:79:
 37//HOMO SAPIENS (HUMAN).//P25067
 F-HEMBA1003136//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-1-
 15 PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE).//3.6e-25:190:34//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//P41940
 F-HEMBA1003142
 F-HEMBA1003148//HYPOTHETICAL 56.4 KD PROTEIN IN RPL30-CWH41 INTERGENIC REGION PRECUR-
 SOR.//0.068:171:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53189
 20 F-HEMBA1003166//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.8e-13:54:66//HOMO SAPIENS (HUMAN).//
 P39192
 F-HEMBA1003175//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//0.015:147:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53214
 F-HEMBA1003179//PROBABLE TRNA (5-METHYLAMINOMETHYL-2-THIOURIDYLATE)-METHYLTRANS-
 25 FERASE (EC 2.1.1.61).//2.6e-51:164:47//BACILLUS SUBTILIS.//O35020
 F-HEMBA1003197
 F-HEMBA1003199//HOMEBOX PROTEIN HOX-A4 (HOX-1D) (HOX-1.4).//0.00049:83:38//HOMO SAPIENS
 (HUMAN).//Q00056
 30 F-HEMBA1003202//SPERM PROTAMINE P1.//0.98:53:28//PLANIGALE GILESII (FLAT-SKULLED MARSUPIAL
 MOUSE).//O18747
 F-HEMBA1003204//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/5.2e-22:42:80//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1003212//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.6e-18:74:71//HOMO SAPIENS (HUMAN).//
 P39193
 35 F-HEMBA1003220//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.3e-18:56:78//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1003222//HYPOTHETICAL 37.5 KD PROTEIN IN GNTR-HTPG INTERGENIC REGION.//0.0018:159:
 27//BACILLUS SUBTILIS.//P46327
 F-HEMBA1003229//DIHYDRODIPICOLINATE SYNTHASE 1 PRECURSOR (EC 4.2.1.52) (DHDPS).//1.0:85:28//
 40 TRITICUM AESTIVUM (WHEAT).//P24846
 F-HEMBA1003235//TROPOMYOSIN.//8.3e-07:109:33//SCHIZOSACCHAROMYCES POMBE (FISSION
 YEAST).//Q02088
 F-HEMBA1003250
 F-HEMBA1003257//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//1.5e-07:27:74//OWENIA FUSI-
 45 FORMIS.//P21260
 F-HEMBA1003273
 F-HEMBA1003276
 F-HEMBA1003278
 F-HEMBA1003281//HOMEBOX PROTEIN HOX-A4 (CHOX-1.4).//0.0053:116:36//GALLUS GALLUS (CHICK-
 50 EN).//P17277
 F-HEMBA1003286//DNA-DIRECTED RNA POLYMERASE SUBUNIT N (EC 2.7.7.6).//0.96:37:35//SULFOLOBUS
 ACIDOCALDARIUS.//P39472
 F-HEMBA1003291//5'-AMP-ACTIVATED PROTEIN KINASE, CATALYTIC ALPHA-2 CHAIN (EC 2.7.1.-) (AMPK
 ALPHA-2 CHAIN) (FRAGMENT).//3.3e-15:68:39//SUS SCROFA (PIG).//Q28948
 55 F-HEMBA1003296//PULMONARY SURFACTANT-ASSOCIATED PROTEIN B (SP-B) (6 KD PROTEIN) (PULMO-
 NARY SURFACTANT-ASSOCIATED PROTEOLIPID SPL(PHE)).//0.98:49:28//BOS TAURUS (BOVINE).//P15781
 F-HEMBA1003304//MITOCHONDRIAL RIBOSOMAL PROTEIN S19.//0.99:36:30//PROTOTHECA WICKER-
 HAMII.//P46750

F-HEMBA1003309//HYPOTHETICAL 7.9 KD PROTEIN.//0.69:54:37//VACCINIA VIRUS (STRAIN WR), AND
 VACCINIA VIRUS (STRAIN COPENHAGEN).//P04306
 F-HEMBA1003314//MIXED LINEAGE KINASE 2 (EC 2.7.1.-) (FRAGMENT).//2.3e-06:143:22//HOMO SAPIENS
 (HUMAN).//Q02779
 5 F-HEMBA1003322//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.5e-30:53:77//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1003327
 F-HEMBA1003328//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT).//0.53:21:42//
 HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1).//P04612
 10 F-HEMBA1003330//LONG NEUROTOXIN 3 (TOXIN VN2).//1.0:26:34//DENDROASPIS POLYLEPIS POLYLEPIS
 (BLACK MAMBA).//P25667
 F-HEMBA1003348//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//6.5e-09:56:66//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1003369//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG PRECURSOR.//0.0042:97:36//ARABI-
 15 DOPSIS THALIANA (MOUSE-EAR CRESS).//P40602
 F-HEMBA1003370//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//7.0e-18:99:53//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1003373
 F-HEMBA1003376//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//4.7e-16:60:75//HOMO SAPIENS (HUMAN).//
 20 P39189
 F-HEMBA1003380//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.8e-10:50:68//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1003384
 F-HEMBA1003395//PROBABLE E5 PROTEIN.//0.62:64:29//HUMAN PAPILLOMAVIRUS TYPE 16.//P06927
 25 F-HEMBA1003402//HYPOTHETICAL 12.0 KD PROTEIN IN TUB1-CPR3 INTERGENIC REGION PRECURSOR.//
 0.89:74:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04521
 F-HEMBA1003403//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT).//0.0010:
 69:33//RATTUS NORVEGICUS (RAT).//P10164
 30 F-HEMBA1003408//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31).//4.8e-06:93:25//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P38968
 F-HEMBA1003417//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN].//
 0.0021:140:34//MUS MUSCULUS (MOUSE).//P28481
 F-HEMBA1003418//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//1.7e-14:188:33//HOMO SAPIENS (HUMAN).//Q08170
 35 F-HEMBA1003433//DNA REPAIR PROTEIN XRS2.//1.0:88:35//SACCHAROMYCES CEREVISIAE (BAKER'S
 YEAST).//P33301
 F-HEMBA1003447//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT).//0.0061:
 69:33//RATTUS NORVEGICUS (RAT).//P10164
 40 F-HEMBA1003461//SPIDROIN 1 (DRAGLINE SILK FIBROIN 1) (FRAGMENT).//2.3e-09:239:33//NEPHILA CLA-
 VIPES (ORB SPIDER).//P19837
 F-HEMBA1003463//METALLOTHIONEIN-A (MTA) (FRAGMENT).//1.0:40:35//SPHAERECHINUS GRANULARIS
 (PURPLE SEA URCHIN).//Q26497
 F-HEMBA1003480//FUSARIC ACID RESISTANCE PROTEIN FUSB.//0.0043:96:32//BURKHOLDERIA CEPACIA
 (PSEUDOMONAS CEPACIA).//P24127.
 45 F-HEMBA1003528//36.4 KD PROLINE-RICH PROTEIN.//6.4e-15:167:33//LYCOPERSICON ESCULENTUM
 (TOMATO).//Q00451
 F-HEMBA1003531//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.2e-18:56:78//HOMO SAPIENS (HUMAN).//
 P39189
 F-HEMBA1003538//COMPLEMENT C1R COMPONENT PRECURSOR (EC 3.4.21.41).//2.5e-28:136:47//HOMO
 50 SAPIENS (HUMAN).//P00736
 F-HEMBA1003545//INSULIN GENE ENHANCER PROTEIN ISL-2 (ISLET-2).//9.2e-105:217:85//RATTUS NOR-
 VEGICUS (RAT).//P50480
 F-HEMBA1003548
 F-HEMBA1003555//HYPOTHETICAL 31.9 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION.//8.7e-57:180:
 55 55//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40558
 F-HEMBA1003556//HYPOTHETICAL 19.2 KD PROTEIN IN COX-REP INTERGENIC REGION (ORF5) (ORF21).//
 0.53:97:25//BACTERIOPHAGE HP1.//P51706
 F-HEMBA1003560//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-2 SUBUNIT (G GAM-

- MA-I).//1.8e-32:71:100//BOS TAURUS (BOVINE).//P16874
 F-HEMBA1003568//ZINC-FINGER PROTEIN RFP (RET FINGER PROTEIN).//4.1e-19:126:31//HOMO SAPIENS (HUMAN).//P14373
 F-HEMBA1003569//METASTASIS-ASSOCIATED PROTEIN MTA1.//3.9e-83:143:74//HOMO SAPIENS (HUMAN).//Q13330
 5 F-HEMBA1003571//HYPOTHETICAL 8.7 KD PROTEIN (READING FRAME D).//1.0:64:25//STAPHYLOCOCCUS AUREUS.//P03860
 F-HEMBA1003579//CYTOTOXIN 1 (CYTOTOXIN V-II-1) (TOXIN V(II)1).//1.0:41:29//NAJA MELANOLEUCA (FOREST COBRA) (BLACK-LIPPED COBRA).//P01448
 10 F-HEMBA1003581//TALIN.//3.7e-36:52:98//MUS MUSCULUS (MOUSE).//P26039
 F-HEMBA1003591//CHLOROPLAST 28 KD RIBONUCLEOPROTEIN PRECURSOR (28RNP).//1.6e-05:91:31//NICOTIANA SYLVESTRIS (WOOD TOBACCO).//P19682
 F-HEMBA1003595//HYPOTHETICAL 12.0 KD PROTEIN IN DST1-HEM2 INTERGENIC REGION.//1.0:55:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53182
 15 F-HEMBA1003597
 F-HEMBA1003598//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11).//4.9e-10:85:41//ORYCTOLAGUS CUNICULUS (RABBIT).//P06333
 F-HEMBA1003615//PUTATIVE MINOR COAT PROTEIN (ORF43).//0.086:10:70//BACTERIOPHAGE PHI-LF.//Q07482
 20 F-HEMBA1003617//HYPOTHETICAL 36.8 KD PROTEIN C26A3.16 IN CHROMOSOME I.//4.4e-13:58:48//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10169
 F-HEMBA1003621//LONG NEUROTOXIN 1 (NEUROTOXIN A).//0.096:40:37//OPHIOPHAGUS HANNAH (KING COBRA) (NAJA HANNAH).//P01387
 F-HEMBA1003622
 25 F-HEMBA1003630
 F-HEMBA1003637//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.4e-13:47:74//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBA1003640//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//0.87:25:64//HOMO SAPIENS (HUMAN).//P39193
 30 F-HEMBA1003645//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS CONTAINING PROTEIN C14B1.4 IN CHROMOSOME III.//1.8e-10:157:26//CAENORHABDITIS ELEGANS.//Q17963
 F-HEMBA1003646//SERINE-ARGININE PROTEIN 55 (SRP55) (ENHANCER OF DEFORMED) (52-KD BRACKETING PROTEIN) (B52 PROTEIN).//4.9e-05:207:27//DROSOPHILA MELANOGASTER (FRUIT FLY).//P26686
 F-HEMBA1003656
 35 F-HEMBA1003662//PROLINE-RICH PEPTIDE P-B.//0.57:17:52//HOMO SAPIENS (HUMAN).//P02814
 F-HEMBA1003667//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//6.0e-16:43:72//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1003679
 40 F-HEMBA1003680//PUTATIVE AMINOPEPTIDASE ZK353.6 IN CHROMOSOME III (EC 3.4.11.-).//3.9e-08:137:27//CAENORHABDITIS ELEGANS.//P34629
 F-HEMBA1003684//ZINC FINGER PROTEIN 151 (POLYOMAVIRUS LATE INITIATOR PROMOTER BINDING PROTEIN) (LP-1) (ZINC FINGER PROTEIN Z13).//2.1e-20:127:40//MUS MUSCULUS (MOUSE).//Q60821
 F-HEMBA1003690//HYPOTHETICAL PROTEIN KIAA0288 (HA6116).//3.0e-85:201:78//HOMO SAPIENS (HUMAN).//P56524
 45 F-HEMBA1003692//CELL DIVISION CONTROL PROTEIN 1.//0.13:69:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40986
 F-HEMBA1003711//CARCINOEMBRYONIC ANTIGEN PRECURSOR (CEA) (MECONIUM ANTIGEN 100) (CD66E ANTIGEN).//0.021:153:26//HOMO SAPIENS (HUMAN).//P06731
 F-HEMBA1003714//ABAECIN.//0.99:34:32//BOMBUS PASCUORUM.//P81463
 50 F-HEMBA1003715
 F-HEMBA1003720//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.4e-34:155:56//HOMO SAPIENS (HUMAN).//P08547
 F-HEMBA1003725//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.3e-27:181:41//HOMO SAPIENS (HUMAN).//P08547
 55 F-HEMBA1003729//PTB-ASSOCIATED SPLICING FACTOR (PSF).//0.0037:103:33//HOMO SAPIENS (HUMAN).//P23246
 F-HEMBA1003733//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.0e-54:210:58//HOMO SAPIENS (HUMAN).//P08547

F-HEMBA1003742//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.066:72:33//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01643
 F-HEMBA1003758
 F-HEMBA1003760//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PROTEIN).//1.5e-51:220:52//MUS MUSCULUS (MOUSE).//Q61221
 5 F-HEMBA1003773
 F-HEMBA1003783
 F-HEMBA1003784
 F-HEMBA1003799//SHORT NEUROTOXIN 1 (TOXIN AA C).//0.95:27:37//ACANTHOPHIS ANTARCTICUS (COMMON DEATH ADDER).//P01434
 10 F-HEMBA1003803//GAG POLYPROTEIN [CONTAINS: CORE PROTEINS P15, P12, P30].//0.46:96:34//FELINE SARCOMA VIRUS (STRAIN SNYDER-THEILEN).//P03338
 F-HEMBA1003804//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.019:30:50//HOMO SAPIENS (HUMAN).//P30808
 15 F-HEMBA1003805//HYPOTHETICAL 75.0 KD PROTEIN B0280.11 IN CHROMOSOME III.//1.8e-20:109:47//CAENORHABDITIS ELEGANS.//P42083
 F-HEMBA1003807
 F-HEMBA1003827//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//2.1e-09:23:78//OWENIA FUSIFORMIS.//P21260
 20 F-HEMBA1003836//MOB1 PROTEIN (MPS1 BINDER 1).//2.0e-31:134:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40484
 F-HEMBA1003838//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.9e-22:39:76//HOMO SAPIENS (HUMAN).//P39192
 F-HEMBA1003856
 25 F-HEMBA1003864//HYPOTHETICAL 39.4 KD PROTEIN IN MET1-SIS2 INTERGENIC REGION.//1.5e-15:194:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36151
 F-HEMBA1003866//PROTEIN A39.//0.0027:72:33//VACCINIA VIRUS (STRAIN COPENHAGEN).//P21062
 F-HEMBA1003879//80 KD NUCLEAR CAP BINDING PROTEIN (NCBP 80 KD SUBUNIT) (CBP80).//2.9e-16:22:100//HOMO SAPIENS (HUMAN).//Q09161
 30 F-HEMBA1003880//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.99:39:38//FELIS SILVESTRIUS (CAT).//P48896
 F-HEMBA1003885//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.5e-28:47:76//HOMO SAPIENS (HUMAN).//P39193
 F-HEMBA1003893//HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//1.7e-57:215:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53215
 35 F-HEMBA1003902
 F-HEMBA1003908
 F-HEMBA1003926//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.3e-10:60:63//HOMO SAPIENS (HUMAN).//P39188
 40 F-HEMBA1003937//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/8.1e-29:68:64//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1003939//PROTEIN Q300.//0.0025:24:62//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBA1003942//EXCITATORY INSECT TOXIN BJXTR-IT PRECURSOR (BJ-XTRIT).//0.084:67:31//BUTHOTUS JUDAICUS (SCORPION) (HOTTENTOTTA JUDAICA).//P56637
 45 F-HEMBA1003950//HYPOTHETICAL 8.1 KD PROTEIN IN SPEA-METK INTERGENIC REGION (O71).//0.95:26:34//ESCHERICHIA COLI.//P46878
 F-HEMBA1003953//ZINC FINGER PROTEIN MFG-1 (ZINC FINGER PROTEIN 58) (FRAGMENT).//2.5e-17:89:46//MUS MUSCULUS (MOUSE).//P16372
 F-HEMBA1003958//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.2e-23:43:76//HOMO SAPIENS (HUMAN).//P08547
 50 F-HEMBA1003959
 F-HEMBA1003976//HYPOTHETICAL PROTEIN KIAA0076 (HA0936).//0.99:88:28//HOMO SAPIENS (HUMAN).//Q14999
 F-HEMBA1003978//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.98:19:57//HOMO SAPIENS (HUMAN).//P22531
 55 F-HEMBA1003985//LYSYL-TRNA SYNTHETASE (EC 6.1.1.6) (LYSINE-TRNA LIGASE) (LYSRS) (FRAGMENT).//1.0:40:32//MYCOBACTERIUM LEPRAE.//P46861
 F-HEMBA1003987//HYPOTHETICAL PROTEIN UL66.//0.27:65:33//HUMAN CYTOMEGALOVIRUS (STRAIN

AD169).//P16822
 F-HEMBA1003989//MALE SPECIFIC SPERM PROTEIN MST84DB.//5.2e-05:64:40//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01643
 F-HEMBA1004000//PROTEIN Q300.//0.00042:17:82//MUS MUSCULUS (MOUSE).//Q02722
 5 F-HEMBA1004011//ALPHA-TYPE CALCITONIN GENE-RELATED PEPTIDE PRECURSOR (CGRP-1).//0.47:106:32//HOMO SAPIENS (HUMAN).//P06881
 F-HEMBA1004012//ATP SYNTHASE PROTEIN 9, MITOCHONDRIAL (EC 3.6.1.34) (LIPID-BINDING PROTEIN).//0.96:36:33//PARAMECIUM TETRAURELIA.//P16001
 10 F-HEMBA1004015//HYPOTHETICAL 29.3 KD PROTEIN B0280.6 IN CHROMOSOME III.//0.00018:90:34//CAENORHABDITIS ELEGANS.//P41997
 F-HEMBA1004024//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//5.1e-34:75:80//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1004038
 F-HEMBA1004042
 15 F-HEMBA1004045//40S RIBOSOMAL PROTEIN S27A.//1.0:20:55//ASPARAGUS OFFICINALIS (GARDEN ASPARAGUS).//P31753
 F-HEMBA1004048//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.3e-06:158:35//MUS MUSCULUS (MOUSE).//P05143
 20 F-HEMBA1004049//32 KD HEAT SHOCK PROTEIN (4-1 PROTEIN).//0.098:106:32//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P54658
 F-HEMBA1004055//HYPOTHETICAL PROTEIN HI0258/259.//0.87:133:23//HAEMOPHILUS INFLUENZAE.//P43974
 F-HEMBA1004056//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//3.3e-25:39:64//HOMO SAPIENS (HUMAN).//P39191
 25 F-HEMBA1004074//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//9.9e-08:35:68//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBA1004086
 F-HEMBA1004097//IMMEDIATE-EARLY PROTEIN IE4 (IE68) (FRAGMENT).//0.71:95:35//HERPES SIMPLEX VIRUS (TYPE 2).//P14379
 30 F-HEMBA1004111//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//4.7e-26:84:64//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBA1004131//SEPTIN 2 HOMOLOG (FRAGMENT).//2.8e-34:108:63//HOMO SAPIENS (HUMAN).//Q14141
 F-HEMBA1004132//HYPOTHETICAL PROTEIN HI1736.//1.0:44:34//HAEMOPHILUS INFLUENZAE.//P44300
 35 F-HEMBA1004133//HYPOTHETICAL 8.5 KD PROTEIN CY274.40C.//0.89:21:57//MYCOBACTERIUM TUBERCULOSIS.//Q10826
 F-HEMBA1004138//EARLY NODULIN 75 (N-75) (NGM-75) (FRAGMENT).//0.016:39:41//MEDICAGO SATIVA (ALFALFA).//P11728
 40 F-HEMBA1004143//CYTOCHROME C OXIDASE POLYPEPTIDE VIII PRECURSOR (EC 1.9.3.1).//0.93:34:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P04039
 F-HEMBA1004146//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//0.63:52:36//HOMO SAPIENS (HUMAN).//P02811
 F-HEMBA1004150//METALLOTHIONEIN-II (MT-II).//1.0:20:45//MUS MUSCULUS (MOUSE).//P02798
 45 F-HEMBA1004164//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//3.0e-13:57:71//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBA1004168//V-TYPE SODIUM ATP SYNTHASE SUBUNIT F (EC 3.6.1.34) (NA(+)-TRANSLOCATING ATPASE SUBUNIT F).//0.00035:90:34//ENTEROCOCCUS HIRAE.//P43437
 F-HEMBA1004199//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III.//5.1e-14:115:31//CAENORHABDITIS ELEGANS.//P34529
 50 F-HEMBA1004200
 F-HEMBA1004202//YPT1-RELATED PROTEIN 1.//2.5e-24:96:52//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P11620
 F-HEMBA1004203//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//2.2e-09:48:64//HOMO SAPIENS (HUMAN).//P39193
 55 F-HEMBA1004207//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70).//0.98:51:33//ASTASIA LONGA (EUGLENOPHYCEAN ALGA).//P34779
 F-HEMBA1004225//METALLOTHIONEIN-II.//1.0:30:33//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLABRATA).//P15114

F-HEMBA1004227//PUTATIVE PROTEIN PHOSPHATASE 2C (EC 3.1.3.16) (PP2C) (KIAA0015).//5.9e-06:109:
 33//HOMO SAPIENS (HUMAN).//P49593
 F-HEMBA1004238//VERY HYPOTHETICAL XYLU PROTEIN.//0.98:39:38//ESCHERICHIA COLI.//P05056
 F-HEMBA1004241//SOX-13 PROTEIN (FRAGMENT).//0.66:36:38//MUS MUSCULUS (MOUSE).//Q04891
 5 F-HEMBA1004246
 F-HEMBA1004248//INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 (IMMEDIATE-EARLY PROTEIN
 CL-6).//1.0e-43:98:84//RATTUS NORVEGICUS (RAT).//Q08755
 F-HEMBA1004264//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//0.014:160:28//NEPHILA CLA-
 VIPES (ORB SPIDER).//P46804
 10 F-HEMBA1004267//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.8e-52:56:83//HOMO SAPIENS (HUMAN).//
 P39189
 F-HEMBA1004272
 F-HEMBA1004274//HYPOTHETICAL 13.0 KD PROTEIN F59B2.10 IN CHROMOSOME III.//0.00084:33:54//
 CAENORHABDITIS ELEGANS.//P34485
 15 F-HEMBA1004275//HYPOTHETICAL 56.5 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION//9.3e-06:125:
 27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40034
 F-HEMBA1004276//BETA-ADAPTIN 1 (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN BETA SUBUNIT)
 (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 BETA LARGE CHAIN) (AP105A).//3.7e-30:239:32//HOMO SA-
 PIENS (HUMAN).//Q10567
 20 F-HEMBA1004286//CUTICLE COLLAGEN 34.//0.0027:71:38//CAENORHABDITIS ELEGANS.//P34687
 F-HEMBA1004289//PTR3 PROTEIN (SSY3 PROTEIN).//1.0:76:28//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P43606
 F-HEMBA1004295//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.075:58:39//HO-
 MO SAPIENS (HUMAN).//P30808
 25 F-HEMBA1004306//HYPOTHETICAL 29.3 KD PROTEIN (ORF92).//0.020:132:30//ORGYIA PSEUDOTSUGATA
 MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//O10341
 F-HEMBA1004312//EARLY PROTEIN I73R.//0.99:65:32//AFRICAN SWINE FEVER VIRUS (STRAIN BA71V)
 (ASFV).//P27946
 30 F-HEMBA1004321//ZINC FINGER PROTEIN 90 (ZFP-90) (ZINC FINGER PROTEIN NK10).//4.3e-43:133:44//
 MUS MUSCULUS (MOUSE).//Q61967
 F-HEMBA1004323
 F-HEMBA1004327//SMALL PROLINE-RICH PROTEIN 2-1.//0.027:48:43//HOMO SAPIENS (HUMAN).//P35326
 F-HEMBA1004330//HOMEBOX PROTEIN ENGRAILED-1 (HU-EN-1).//0.46:70:34//HOMO SAPIENS (HU-
 MAN).//Q05925
 35 F-HEMBA1004334//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.7e-05:83:34//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1004335//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.0e-24:41:80//HOMO SAPIENS (HUMAN).//
 P39195
 40 F-HEMBA1004341//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//2.8e-06:148:35//MUS MUSCULUS
 (MOUSE).//P05143
 F-HEMBA1004353//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.2e-29:57:80//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBA1004354//CHL1 PROTEIN.//0.017:40:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P22516
 45 F-HEMBA1004356
 F-HEMBA1004366//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.00045:49:46//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1004372//VERY HYPOTHETICAL 20.6 KD PROTEIN C56F8.15 IN CHROMOSOME I.//1.0:125:28//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10263
 50 F-HEMBA1004389//HYPOTHETICAL 113.1 KD PROTEIN IN PRE5-FET4 INTERGENIC REGION.//0.76:170:25//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04893
 F-HEMBA1004394
 F-HEMBA1004396//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.2e-10:72:51//HOMO SAPIENS (HU-
 MAN).//P08547
 55 F-HEMBA1004405
 F-HEMBA1004408//PEPTIDYL-PROLYL CIS-TRANS ISOMERASE 10 (EC 5.2.1.8) (PPIASE) (ROTAMASE) (CY-
 CLOPHILIN-10).//2.7e-29:146:48//CAENORHABDITIS ELEGANS.//P52017
 F-HEMBA1004429//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//0.0019:47:59//HOMO SAPIENS (HU-

MAN).//P39191
 F-HEMBA1004433!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.1e-20:47:68//HOMO SAPIENS (HUMAN).//
 P39192
 5 F-HEMBA1004460!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/6.2e-64:134:69//HOMO SAPIENS (HU-
 MAN).//P39193
 F-HEMBA1004461//METALLOTHIONEIN-LIKE PROTEIN 1//1.0:39:35//PISUM SATIVUM (GARDEN PEA).//
 P20830
 F-HEMBA1004479//HYPOXIA-INDUCIBLE FACTOR 1 ALPHA (HIF-1 ALPHA) (ARNT INTERACTING PRO-
 TEIN).//9.7e-43:101:48//MUS MUSCULUS (MOUSE).//Q61221
 10 F-HEMBA1004482//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34).//1.0:41:36//CANDIDA GLABRATA (YEAST)
 (TORULOPSIS GLABRATA).//P05040
 F-HEMBA1004499//TUBULIN BETA CHAIN.//0.00021:55:36//CAENORHABDITIS ELEGANS.//P52275
 F-HEMBA1004502
 F-HEMBA1004506//HYPOTHETICAL PROTEIN ORF-1137.//5.3-11:119:35//MUS MUSCULUS (MOUSE).//
 15 P11260
 F-HEMBA1004507//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66).//0.00072:90:37//HOMO
 SAPIENS (HUMAN).//Q15428
 F-HEMBA1004509//HYPOTHETICAL 52.2 KD PROTEIN IN MPR1-GCN20 INTERGENIC REGION.//6.3e-28:169:
 42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43589
 20 F-HEMBA1004534//ENDOTHELIAL ACTIN-BINDING PROTEIN (ABP-280) (NONMUSCLE FILAMIN) (FILAMIN
 1).//1.3e-80:226:66//HOMO SAPIENS (HUMAN).//P21333
 F-HEMBA1004538//HYPOTHETICAL PROTEIN MJ0764.//0.96:28:35//METHANOCOCCUS JANNASCHII.//
 Q58174
 F-HEMBA1004542//METALLOTHIONEIN (MT).//0.78:36:41//GADUS MORHUA (ATLANTIC COD).//P51902
 25 F-HEMBA1004554
 F-HEMBA1004560//HYPOTHETICAL PROTEIN KIAA0281 (HA6725).//4.2e-15:56:69//HOMO SAPIENS (HU-
 MAN).//Q92556
 F-HEMBA1004573//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS).//0.65:31:58//PLASMODIUM
 BERGHEI.//P06915
 30 F-HEMBA1004577!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/3.9e-08:35:80//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBA1004586!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/6.6e-08:64:54//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1004596//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN C (HNRNP C) (HNRNP CORE
 35 PROTEIN C) (FRAGMENT).//0.00057:88:31//RATTUS NORVEGICUS (RAT).//P17132
 F-HEMBA1004604//COLLAGEN ALPHA 2(XI) CHAIN PRECURSOR (FRAGMENT).//0.045:37:45//MUS MUSCU-
 LUS (MOUSE).//Q64739
 F-HEMBA1004610!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.3e-11:73:54//HOMO SAPIENS (HUMAN).//
 P39188
 40 F-HEMBA1004617
 F-HEMBA1004629
 F-HEMBA1004631//HYPOTHETICAL 7.8 KD PROTEIN IN WAPA-LICT INTERGENIC REGION.//1.0:36:38//BA-
 CILLUS SUBTILIS.//P42303
 F-HEMBA1004632//PHOTOSYSTEM I REACTION CENTRE SUBUNIT X PRECURSOR (LIGHT-HARVESTING
 45 8.0 KD POLYPEPTIDE).//0.86:48:35//SYNECHOCOCCUS ELONGATUS NAEGELI.//P20453
 F-HEMBA1004637//HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III.//1.7e-32:159:42//
 CAENORHABDITIS ELEGANS.//P34535
 F-HEMBA1004638//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//2.8e-06:50:46//OWENIA FUSI-
 FORMIS.//P21260
 50 F-HEMBA1004666//TOXIN S6C4.//1.0:36:30//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMESON'S
 MAMBA).//P25682
 F-HEMBA1004669//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//1.6e-12:105:42//HOMO SAPIENS (HUMAN).//Q08170
 F-HEMBA1004670//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR.//2.5e-06:62:45//HOMO SAPIENS (HU-
 55 MAN).//P02452
 F-HEMBA1004672//HYPOTHETICAL PROTEIN MJ0437.//0.95:37:29//METHANOCOCCUS JANNASCHII.//
 Q57879
 F-HEMBA1004693//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN,

TYPE B) (NMMHC-B).//0.00035:217:23//HOMO SAPIENS (HUMAN).//P35580
 F-HEMBA1004697//IMMUNOGLOBULIN G BINDING PROTEIN H PRECURSOR (PROTEIN H).//0.058:118:30//
 STREPTOCOCCUS PYOGENES.//P50470
 F-HEMBA1004705//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.8e-09:43:72//HOMO SAPIENS (HUMAN).//
 5 P39188
 F-HEMBA1004709//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/8.8e-18:50:84//HOMO SAPIENS (HUMAN).//
 P39189
 F-HEMBA1004711//ETS-RELATED PROTEIN 71 (ETS TRANSLOCATION VARIANT 2).//0.0027:148:30//HOMO
 SAPIENS (HUMAN).//000321
 10 F-HEMBA1004725//CUTICLE COLLAGEN 2.//0.0051:41:41//CAENORHABDITIS ELEGANS.//P17656
 F-HEMBA1004730//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.4e-22:210:37//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1004733//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.7e-07:50:62//HOMO SAPIENS (HUMAN).//
 P39188
 15 F-HEMBA1004734//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.9e-39:143:52//ARABIDOPSIS THALIANA (MOUSE-EAR
 CRESS).//P42743
 F-HEMBA1004736//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.1e-60:210:61//HOMO SAPIENS (HU-
 MAN).//P08547
 20 F-HEMBA1004748
 F-HEMBA1004751//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.8e-20:88:63//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1004752//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//0.0043:126:34//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P17437
 25 F-HEMBA1004753//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/7.8e-28:47:78//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBA1004756//HYPOTHETICAL 53.3 KD PROTEIN IN HXT8-CAN1 INTERGENIC REGION.//0.22:77:27//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39981
 F-HEMBA1004758
 30 F-HEMBA1004763//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//1.1e-06:58:43//OWENIA FUSI-
 FORMIS.//P21260
 F-HEMBA1004768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.7e-65:298:53//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1004770
 35 F-HEMBA1004771
 F-HEMBA1004776//GRANULIN 1.//0.78:28:42//CYPRINUS CARPIO (COMMON CARP).//P81013
 F-HEMBA1004778
 F-HEMBA1004795//CDC4-LIKE PROTEIN (FRAGMENT).//6.9e-20:74:63//HOMO SAPIENS (HUMAN).//P50851
 F-HEMBA1004803//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.4e-22:58:86//HOMO SAPIENS (HU-
 40 MAN).//P08547
 F-HEMBA1004806//HYPOTHETICAL 24.3 KD PROTEIN IN PSBH-RPL11 INTERGENIC REGION (ORF182).//
 0.72:75:33//CYANOPHORA PARADOXA.//P48324
 F-HEMBA1004807
 F-HEMBA1004816
 45 F-HEMBA1004820//HEMOLYMPH TRYPSIN INHIBITOR A (BPI-TYPE) (FRAGMENT).//1.0:50:38//MANDUCA
 SEXTA (TOBACCO HAWKMOTH) (TOBACCO HORNWORM).//P26226
 F-HEMBA1004847//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//3.0e-76:171:91//CANIS FA-
 MILIARIS (DOG).//Q00004
 F-HEMBA1004850//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//3.0e-05:64:43//BOS TAURUS (BO-
 50 VINE).//P25508
 F-HEMBA1004863//TOXIN C13S1C1 PRECURSOR.//0.38:52:30//DENDROASPIS ANGUSTICEPS (EASTERN
 GREEN MAMBA).//P18329
 F-HEMBA1004864//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT).//0.89:24:50//
 HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1).//P04612
 55 F-HEMBA1004865
 F-HEMBA1004880
 F-HEMBA1004889//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//0.66:23:47//HOMO SAPIENS
 (HUMAN).//P22532

F-HEMBA1004900
 F-HEMBA1004909
 F-HEMBA1004918//CHLOROPLAST 30S RIBOSOMAL PROTEIN S8 (FRAGMENT).//0.56:37:32//SPINACIA OL-
 ERACEA (SPINACH).//P09597
 5 F-HEMBA1004923//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3,5e-24:44:68//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1004929//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.97:39:38//STRONGYLOCENTROTUS
 PURPURATUS (PURPLE SEA URCHIN).//P15997
 F-HEMBA1004930//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//6.6e-15:64:59//HOMO SAPIENS (HU-
 10 MAN).//P08547
 F-HEMBA1004933//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).//0.34:58:41//HOMO SAPIENS
 (HUMAN).//P50552
 F-HEMBA1004934
 F-HEMBA1004944
 15 F-HEMBA1004954//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 3 (EC 1.6.5.3).//0.58:78:30//PARA-
 MECIUM TETRAURELIA.//P15579
 F-HEMBA1004956//HYPOTHETICAL 18.8 KD PROTEIN (ORF4).//0.98:57:31//PARAMECIUM TETRAURELIA.//
 P15605
 F-HEMBA1004960//HYPOTHETICAL 12.6 KD PROTEIN-(ORFJ) (RETRON EC67).//1.0:58:27//ESCHERICHIA
 20 COLI.//P21324
 F-HEMBA1004972
 F-HEMBA1004973//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.90:55:30//HOMO SAPIENS
 (HUMAN).//P22531
 F-HEMBA1004977
 25 F-HEMBA1004978
 F-HEMBA1004980//MOTILIN PRECURSOR.//0.088:79:31//MACACA MULATTA (RHESUS MACAQUE).//018811
 F-HEMBA1004983//10 KD CHAPERONIN (PROTEIN CPN10) (PROTEIN GROES).//0.87:51:31//BUCHNERA
 APHIDICOLA.//Q59176
 F-HEMBA1004995//MYOCYTE-SPECIFIC ENHANCER FACTOR 2B (SERUM RESPONSE FACTOR-LIKE PRO-
 30 TEIN 2) (XMEF2) (RSRFR2).//0.17:52:40//HOMO SAPIENS (HUMAN).//Q02080
 F-HEMBA1005008//METALLOTHIONEIN (MT).//1.0:52:32//CRASSOSTREA VIRGINICA (EASTERN OYS-
 TER).//P23038
 F-HEMBA1005009//ACTIN.//3.5e-27:171:38//CANDIDA ALBICANS (YEAST).//P14235
 F-HEMBA1005019//HYPOTHETICAL PROTEIN H1222.//0.13:58:31//HAEMOPHILUS INFLUENZAE.//P44129
 35 F-HEMBA1005029//P2Y PURINOCEPTOR 5 (P2Y5) (PURINERGIC RECEPTOR 5) (6H1).//0.76:72:31//GALLUS
 GALLUS (CHICKEN).//P32250
 F-HEMBA1005035//HOMEBOX PROTEIN HB9.//0.0086:60:40//HOMO SAPIENS (HUMAN).//P50219
 F-HEMBA1005039//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//0.47:49:32//HOMO SAPIENS
 (HUMAN).//P22532
 40 F-HEMBA1005047//RAS-RELATED PROTEIN RAB-24 (RAB-16).//1.5e-19:39:100//MUS MUSCULUS
 (MOUSE).//P35290
 F-HEMBA1005050//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.074:34:44//BOS TAURUS (BOVINE).//
 P25508
 F-HEMBA1005062
 45 F-HEMBA1005066//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.1e-44:126:65//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1005075//SUPPRESSOR PROTEIN SRP40.//0.35:96:31//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P32583
 F-HEMBA1005079//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/3.6e-20:75:64//HOMO SAPIENS (HU-
 50 MAN).//P39191
 F-HEMBA1005083//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.00015:72:34//BOS TAURUS (BO-
 VINE).//P25508
 F-HEMBA1005101//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN 27C (HNRNP 48) (HRP48.1).//
 4.8e-10:176:25//DROSOPHILA MELANOGASTER (FRUIT FLY).//P48809
 55 F-HEMBA1005113
 F-HEMBA1005123//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.6e-24:99:60//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1005133//HYPOTHETICAL 13.5 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION.//0.11:22:54//

SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40490
 F-HEMBA1005149//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.7e-16:59:71//HOMO SAPIENS (HUMAN).//
 P39188
 5 F-HEMBA1005152//GENOME POLYPROTEIN 2 [CONTAINS: HELPER COMPONENT PROTEINASE (EC
 3.4.22.-) (HC-PRO); 70 KD PROTEIN].//1.0:77:27//BARLEY YELLOW MOSAIC VIRUS (JAPANESE STRAIN II-
 1) (BAYMV).//Q01207
 F-HEMBA1005159//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0.40:53:33//APIS MEL-
 LIFERA (HONEYBEE).//P34859
 10 F-HEMBA1005185//MYOSIN IB HEAVY CHAIN.//0.011:58:48//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD).//P34092
 F-HEMBA1005201//HYPOTHETICAL 56.6 KD PROTEIN C16C9.03 IN CHROMOSOME I.//3.9e-67:241:53//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09817
 F-HEMBA1005202//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//3.8e-124:257:95//CANIS
 FAMILIARIS (DOG).//Q00004
 15 F-HEMBA1005206//CUTICLE COLLAGEN 1.//0.010:118:33//CAENORHABDITIS ELEGANS.//P08124
 F-HEMBA1005219//PTB-ASSOCIATED SPLICING FACTOR (PSF).//0.99:85:40//HOMO SAPIENS (HUMAN).//
 P23246
 F-HEMBA1005223//HYPOTHETICAL GENE 1.05 PROTEIN.//0.31:75:28//BACTERIOPHAGE T3.//P07715
 F-HEMBA1005232//HYPOTHETICAL 7.8 KD PROTEIN.//0.99:48:29//VACCINIA VIRUS (STRAIN WR), AND
 20 VACCINIA VIRUS (STRAIN COPENHAGEN).//P20544
 F-HEMBA1005241//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-28:138:55//HOMO SAPIENS (HU-
 MAN).//P39193
 F-HEMBA1005244//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.014:39:41//HOMO SAPIENS
 (HUMAN).//P22531
 25 F-HEMBA1005251//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.55:15:46//DICENTRARCHUS LABRAX
 (EUROPEAN SEA BASS).//Q36362
 F-HEMBA1005252//EC PROTEIN HOMOLOG (ZINC-METALLOTHIONEIN CLASS II).//0.088:33:42//ZEA MAYS
 (MAIZE).//P43401
 F-HEMBA1005274
 30 F-HEMBA1005275//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.96:42:45//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1005293//PROBABLE COATOMER BETA' SUBUNIT (BETA'-COAT PROTEIN) (BETA'-COP).//0.55:98:
 30//CAENORHABDITIS ELEGANS.//Q20168
 F-HEMBA1005296//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2).//0.095:75:34//HOMO SAPIENS (HU-
 35 MAN).//Q02817
 F-HEMBA1005304//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/5.4e-33:103:74//HOMO SAPIENS (HU-
 MAN).//P39189
 F-HEMBA1005311//PERIOD CLOCK PROTEIN (FRAGMENT).//0.99:45:31//DROSOPHILA SALTANS (FRUIT
 FLY).//Q04536
 40 F-HEMBA1005314//HYPOTHETICAL 6.3 KD PROTEIN T19C3.3 IN CHROMOSOME III.//0.98:30:30//
 CAENORHABDITIS ELEGANS.//Q10009
 F-HEMBA1005315//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.1e-05:35:51//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1005318//OLFACTORY RECEPTOR-LIKE PROTEIN COR8 (FRAGMENT).//0.57:44:38//GALLUS
 45 GALLUS (CHICKEN).//Q98913
 F-HEMBA1005331//IMMEDIATE-EARLY PROTEIN IE180.//0.57:106:33//PSEUDORABIES VIRUS (STRAIN IN-
 DIANA-FUNKHAUSER / BECKER) (PRV).//P11675
 F-HEMBA1005338//CARTIAGE MATRIX PROTEIN PRECURSOR (MATRILIN-1).//1.8e-55:199:59//GALLUS
 GALLUS (CHICKEN).//P05099
 50 F-HEMBA1005353//CHLOROPLAST 30S RIBOSOMAL PROTEIN S17.//0.88:33:36//PORPHYRA PURPUREA.//
 P51305
 F-HEMBA1005359//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.1e-68:255:48//HOMO SA-
 PIENS (HUMAN).//P51522
 F-HEMBA1005367//ALPHA-AMYLASE INHIBITOR AAI.//1.0:25:40//AMARANTHUS HYPOCHONDRIACUS
 55 (PRINCE'S FEATHER).//P80403
 F-HEMBA1005372
 F-HEMBA1005374//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.0e-34:92:75//HOMO SAPIENS (HU-
 MAN).//P39194

F-HEMBA1005382//APOLIPOPROTEIN C-II (APO-CII).//0.99:39:33//BOS TAURUS (BOVINE).//P19034
 F-HEMBA1005389//HYPOTHETICAL 70.0 KD PROTEIN IN DNAK 3'REGION (ORF4).//0.82:164:31//LACTO-
 COCCUS LACTIS (SUBSP. LACTIS) (STREPTOCOCCUS LACTIS).//P42377
 5 F-HEMBA1005394//HYPOTHETICAL 8.9 KD PROTEIN IN IE0-IE1 INTERGENIC REGION.//0.98:44:38//
 AUTOGRAPHA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPV).//P41703
 F-HEMBA1005403//SPERM HISTONE P2 PRECURSOR (PROTAMINE MP2).//0.066:64:29//MUS MUSCULUS
 (MOUSE).//P07978
 F-HEMBA1005408//50S RIBOSOMAL PROTEIN L33.//0.77:32:25//BACILLUS SUBTILIS.//Q06798
 10 F-HEMBA1005410//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//0.0065:38:52//MUS MUSCULUS (MOUSE).//P11369
 F-HEMBA1005411//TOXIN S4C8.//0.16:46:28//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMES-
 ON'S MAMBA).//P25683
 F-HEMBA1005423//CYCLIN-DEPENDENT KINASE 6 INHIBITOR (P18-INK6) (CYCLIN-DEPENDENT KINASE
 4 INHIBITOR C) (P18-INK4C).//4.3e-09:29:96//HOMO SAPIENS (HUMAN).//P42773
 15 F-HEMBA1005426//TOXIN C10S2C2.//0.99:49:34//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAM-
 BA).//P25684
 F-HEMBA1005443//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.9e-16:78:60//HOMO SAPIENS (HUMAN).//
 P39188
 20 F-HEMBA1005447//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.99:57:31//DASYPUS NOVEMCINCTUS
 (NINE-BANDED ARMADILLO).//O21329
 F-HEMBA1005468//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 (EC 1.6.5.3) (FRAGMENTS).//0.68:41:
 31//ARTEMIA SALINA (BRINE SHRIMP).//P19040
 F-HEMBA1005469
 25 F-HEMBA1005472//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.5e-39:142:70//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1005474//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/5.8e-10:44:68//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBA1005475//U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD (U1 SNRNP 70 KD) (SNRNP70).//9.2e-
 14:179:33//HOMO SAPIENS (HUMAN).//P08621
 30 F-HEMBA1005497
 F-HEMBA1005500//60S RIBOSOMAL PROTEIN L37.//0.11:53:33//SCHISTOSOMA MANSONI (BLOOD
 FLUKE).//O44125
 F-HEMBA1005506
 F-HEMBA1005508
 35 F-HEMBA1005511//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.5e-30:92:73//HOMO SAPIENS (HUMAN).//
 P39194
 F-HEMBA1005513//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//2.0e-39:95:61//DROSOPHILA
 MELANOGASTER (FRUIT FLY).//O02193
 40 F-HEMBA1005517//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//2.1e-06:56:44//MUS MUSCULUS
 (MOUSE).//P05142
 F-HEMBA1005518//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS).//5.8e-05:192:33//BOS TAURUS (BO-
 VINE).//P02453
 F-HEMBA1005520//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.0e-18:87:57//HOMO SAPIENS (HUMAN).//
 P39188
 45 F-HEMBA1005526//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/5.1e-22:77:54//HOMO SAPIENS (HU-
 MAN).//P39191
 F-HEMBA1005528//CCR4-ASSOCIATED FACTOR 1 (CAF1).//1.2e-81:157:98//MUS MUSCULUS (MOUSE).//
 Q60809
 50 F-HEMBA1005530//POLLEN ALLERGEN AMB P 5-A PRECURSOR (AMB P V-A).//0.98:19:47//AMBROSIA PSI-
 LOSTACHYA (WESTERN RAGWEED).//P43174
 F-HEMBA1005548//TRANSCRIPTION FACTOR MAF1.//1.4e-72:137:97//RATTUS NORVEGICUS (RAT).//
 P54842
 F-HEMBA1005552//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.7e-29:47:78//HOMO SAPIENS (HUMAN).//
 P39193
 55 F-HEMBA1005558//HYPOTHETICAL 25.6 KD PROTEIN IN ABF2-CHL12 INTERGENIC REGION.//1.6e-20:202:
 30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04272
 F-HEMBA1005568
 F-HEMBA1005570//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 6 (EC 1.6.5.3).//1.0:80:31//

CAENORHABDITIS ELEGANS.//P24885
 F-HEMBA1005576//TRANSMEMBRANE PROTEIN SEX PRECURSOR.//8.5e-58:152:75//HOMO SAPIENS (HUMAN).//P51805
 F-HEMBA1005577//KERATIN, HIGH-SULFUR MATRIX PROTEIN, B2A.//0.98:57:36//OVIS ARIES (SHEEP).//P02438
 5 F-HEMBA1005581//SLIT PROTEIN PRECURSOR.//1.1e-62:254:41//DROSOPHILA MELANOGASTER (FRUIT FLY).//P24014
 F-HEMBA1005582//DYNACTIN, 150 KD ISOFORM (150 KD DYNEIN-ASSOCIATED POLYPEPTIDE) (DP-150) (DAP-150) (P150-GLUED).//0.0091:189:29//RATTUS NORVEGICUS (RAT).//P28023
 10 F-HEMBA1005583//HYPOTHETICAL 41.2 KD PROTEIN IN CPS REGION (ORF7).//0.83:119:23//KLEBSIELLA PNEUMONIAE.//Q48453
 F-HEMBA1005588//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.9e-17:108:53//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBA1005593//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//0.23:24:54//HOMO SAPIENS (HUMAN).//P22532
 15 F-HEMBA1005595//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC).//2.7e-39:257:39//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P34036
 F-HEMBA1005606
 F-HEMBA1005609//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.2e-20:27:96//HOMO SAPIENS (HUMAN).//P39192
 20 F-HEMBA1005616//LATE CONTROL GENE B PROTEIN (GPB).//0.48:51:33//BACTERIOPHAGE 186.//P08711
 F-HEMBA1005621//MITOTIC MAD2 PROTEIN.//1.2e-06:137:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40958
 F-HEMBA1005627//HYPOTHETICAL 17.1 KD PROTEIN IN PUBS 3'REGION.//0.18:100:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38898
 25 F-HEMBA1005631
 F-HEMBA1005632//HYPOTHETICAL 7.4 KD PROTEIN.//0.32:59:32//VACCINIA VIRUS (STRAIN WR).//P04309
 F-HEMBA1005634//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-14:93:58//HOMO SAPIENS (HUMAN).//P39188
 30 F-HEMBA1005666//HYPOTHETICAL PROTEIN KIAA0129.//2.1e-05:126:25//HOMO SAPIENS (HUMAN).//Q14142
 F-HEMBA1005670
 F-HEMBA1005679//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.2e-08:40:72//HOMO SAPIENS (HUMAN).//P08547
 35 F-HEMBA1005680//SMALL PROLINE-RICH PROTEIN 2-1.//0.015:19:47//HOMO SAPIENS (HUMAN).//P35326
 F-HEMBA1005685
 F-HEMBA1005699//EPHRIN-B3 PRECURSOR (EPH-RELATED RECEPTOR TYROSINE KINASE LIGAND 8) (LERK-8) (EPH-RELATED RECEPTOR TRANSMEMBRANE LIGAND ELK-L3).//4.2e-38:98:81//HOMO SAPIENS (HUMAN).//Q15768
 40 F-HEMBA1005705//PROTEIN Q300.//0.11:23:56//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBA1005717
 F-HEMBA1005732//BACTENECIN 7 PRECURSOR (BAC7).//0.22:55:41//OVIS ARIES (SHEEP).//P50415
 F-HEMBA1005737//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT).//4.5e-18:167:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P25296
 45 F-HEMBA1005746
 F-HEMBA1005755//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.4e-30:69:65//HOMO SAPIENS (HUMAN).//P08547
 F-HEMBA1005765//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.8e-19:60:63//HOMO SAPIENS (HUMAN).//P39194
 50 F-HEMBA1005780//METALLOTHIONEIN-I (MT-1).//1.0:31:38//COLUMBA LIVIA (DOMESTIC PIGEON).//P15786
 F-HEMBA1005813
 F-HEMBA1005815//CALPAIN, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEUTRAL PROTEINASE) (CANP) (MU/M-TYPE).//1.0e-23:200:31//GALLUS GALLUS (CHICKEN).//P00789
 55 F-HEMBA1005822//PROTEIN Q300.//0.0016:21:80//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBA1005829//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/9.6e-33:96:73//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1005834//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.6e-22:103:46//NYCTICEBUS COU-

CANG (SLOW LORIS)//P08548
 F-HEMBA1005852//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//8.8e-06:95:35//MUS MUSCULUS (MOUSE)//P05143
 F-HEMBA1005853//HYPOTHETICAL PROTEIN
 5 MJ0647//0.39:28:39//METHANOCOCCUS JANNASCHII//Q58063
 F-HEMBA1005884
 F-HEMBA1005891//HYPOTHETICAL PROTEIN MTH137//0.95:51:27//METHANOBACTERIUM THERMOAUTOTROPHICUM//O26240
 F-HEMBA1005894//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.6e-29:81:71//HOMO SAPIENS (HUMAN)//P39195
 10 F-HEMBA1005909//HYPOTHETICAL 8.2 KD PROTEIN B0353.1 IN CHROMOSOME III//0.98:19:52//CAENORHABDITIS ELEGANS//Q10958
 F-HEMBA1005911//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.9e-27:86:70//HOMO SAPIENS (HUMAN)//P39188
 15 F-HEMBA1005921//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.3e-38:99:81//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1005931//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1)//2.3e-17:76:51//HOMO SAPIENS (HUMAN)//P51522
 F-HEMBA1005934//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/0.024:54:40//HOMO SAPIENS (HUMAN)//P39189
 20 F-HEMBA1005962
 F-HEMBA1005963//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//1.7e-32:89:79//BOS TAURUS (BOVINE)//P53620
 F-HEMBA1005990//HYPOTHETICAL BHLF1 PROTEIN//3.0e-09:180:36//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4)//P03181
 25 F-HEMBA1005991//HYPOTHETICAL PROTEIN KIAA0032//3.0e-17:107:43//HOMO SAPIENS (HUMAN)//Q15034
 F-HEMBA1005999
 F-HEMBA1006002
 30 F-HEMBA1006005//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B)//0.0017:45:44//MUS MUSCULUS (MOUSE)//Q62267
 F-HEMBA1006031//BASIC PROLINE-RICH PEPTIDE IB-1//0.00016:84:39//HOMO SAPIENS (HUMAN)//P04281
 F-HEMBA1006035//DNAK PROTEIN 1 (HEAT SHOCK PROTEIN 70) (HSP70)//0.43:100:27//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//Q55154
 35 F-HEMBA1006036//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/6.2e-64:150:74//HOMO SAPIENS (HUMAN)//P39194
 F-HEMBA1006042
 F-HEMBA1006067//METALLOTHIONEIN A (MT-A)//0.86:34:41//THERMARCUS CERBERUS//P52721
 40 F-HEMBA1006081
 F-HEMBA1006090//SODIUM/GLUCOSE COTRANSPORTER 3 (NA(+)/GLUCOSE COTRANSPORTER 3) (LOW AFFINITY SODIUM-GLUCOSE COTRANSPORTER)//0.87:35:54//SUS SCROFA (PIG)//P31636
 F-HEMBA1006091//EARLY NODULIN 20 PRECURSOR (N-20)//0.027:87:32//MEDICAGO TRUNCATULA (BARREL MEDIC)//P93329
 45 F-HEMBA1006100//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/8.1e-09:58:60//HOMO SAPIENS (HUMAN)//P39195
 F-HEMBA1006108//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION//5.6e-16:88:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53867
 F-HEMBA1006121//HOMEBOX PROTEIN CDX-1 (CAUDAL-TYPE HOMEBOX PROTEIN 1)//3.4e-05:106:37//HOMO SAPIENS (HUMAN)//P47902
 50 F-HEMBA1006124//50S RIBOSOMAL PROTEIN L33//1.0:12:83//BACILLUS STEAROTHERMOPHILUS//P23375
 F-HEMBA1006130//SEL-10 PROTEIN//7.7e-05:129:28//CAENORHABDITIS ELEGANS//Q93794
 F-HEMBA1006138//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.8e-13:41:73//HOMO SAPIENS (HUMAN)//P39194
 55 F-HEMBA1006142//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/2.3e-39:101:77//HOMO SAPIENS (HUMAN)//P39192
 F-HEMBA1006155//GENE 33 POLYPEPTIDE//0.21:70:31//RATTUS NORVEGICUS (RAT)//P05432

F-HEMBA1006158
 F-HEMBA1006173//PROTEIN-TYROSINE PHOSPHATASE STRIATUM-ENRICHED (EC 3.1.3.48) (STEP) (NEU-
 RAL-SPECIFIC PROTEIN-TYROSINE PHOSPHATASE) (FRAGMENT).//0.017:20:95//HOMO SAPIENS (HU-
 MAN).//P54829
 5 F-HEMBA1006182//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.37:31:61//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBA1006198//HOMEBOX PROTEIN HOX-B3 (HOX-2.7) (MH-23).//0.85:61:29//MUS MUSCULUS
 (MOUSE).//P09026
 F-HEMBA1006235//50S RIBOSOMAL PROTEIN L33.//1.0:26:38//AQUIFEX AEOLICUS.//O67756
 10 F-HEMBA1006248//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.0041:64:37//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 F-HEMBA1006252//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR DE-3.//1.0:22:40//DOLICHOS AXILLARIS
 (MACROTYLOMA AXILLARE).//P01057
 F-HEMBA1006253//DISINTEGRIN ERISTICOPHIN (PLATELET AGGREGATION ACTIVATION INHIBITOR).//
 15 0.95:19:47//ERISTOCOPHIS MACMAHONI (LEAF-NOSED VIPER).//P22826
 F-HEMBA1006259
 F-HEMBA1006268//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//7.0e-05:32:65//HOMO SAPIENS (HUMAN).//
 P39192
 F-HEMBA1006272//RETROVIRUS-RELATED GAG POLYPROTEIN (VERSION 2).//4.8e-112:248:78//HOMO SA-
 PIENS (HUMAN).//P10264
 20 F-HEMBA1006278//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 FERASE) (FRAGMENT).//2.5e-71:164:75//HOMO SAPIENS (HUMAN).//P51003
 F-HEMBA1006283//50S RIBOSOMAL PROTEIN L32.//0.81:27:44//THERMUS AQUATICUS (SUBSP. THER-
 MOPHILUS).//P80339
 25 F-HEMBA1006284//CUTICLE COLLAGEN 2.//0.36:42:40//CAENORHABDITIS ELEGANS.//P17656
 F-HEMBA1006291//HYPOTHETICAL 43.3 KD PROTEIN IN EVGS-GLK INTERGENIC REGION.//2.4e-37:143:
 31//ESCHERICHIA COLI.//P76518
 F-HEMBA1006293//MYELIN-OLIGODENDROCYTE GLYCOPROTEIN PRECURSOR.//0.20:134:29//RATTUS
 NORVEGICUS (RAT).//Q63345 F-HEMBA1006309//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTER-
 GENIC REGION.//2.1e-43:187:48//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38821
 30 F-HEMBA1006310//SIGNAL TRANSDUCER CD24 PRECURSOR (HEAT STABLE ANTIGEN) (HSA)
 (NECTADRIN).//0.71:46:39//RATTUS NORVEGICUS (RAT).//Q07490
 F-HEMBA1006328//RNA POLYMERASE ALPHA SUBUNIT (EC 2.7.7.48) (NUCLEOCAPSID PHOSPHOPRO-
 TEIN).//0.44:141:24//HUMAN PARAINFLUENZA 1 VIRUS (STRAIN CI-5/73).//P32531
 35 F-HEMBA1006334//HYPOTHETICAL TRANSCRIPTIONAL REGULATOR AF1627.//0.98:26:46//ARCHAE-
 OGLOBUS FULGIDUS.//028646
 F-HEMBA1006344//EZRIN (P81) (CYTOVILLIN) (VILLIN-2).//8.8e-08:91:36//MUS MUSCULUS (MOUSE).//
 P26040
 F-HEMBA1006347//MALES-ABSENT ON THE FIRST PROTEIN (EC 2.3.1.-).//9.1e-48:149:50//DROSOPHILA
 40 MELANOGASTER (FRUIT FLY).//O2193
 F-HEMBA1006349//METALLOTHIONEIN-LIKE PROTEIN 1.//0.015:59:33//CASUARINA GLAUCA (SWAMP
 OAK).//Q39511
 F-HEMBA1006359//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//6.8e-96:261:66//HOMO SAPIENS (HU-
 MAN).//P28160
 45 F-HEMBA1006364//PUTATIVE ENDONUCLEASE C1F12.06C (EC 3.1.-.-).//0.97:60:35//SCHIZOSACCHARO-
 MYCES POMBE (FISSION YEAST).//Q10348
 F-HEMBA1006377//EARLY NODULIN 20 PRECURSOR (N-20).//0.00023:110:35//MEDICAGO TRUNCATULA
 (BARREL MEDIC).//P93329
 F-HEMBA1006380
 50 F-HEMBA1006381//METALLOTHIONEIN-II.//1.0:26:38//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLA-
 BRATA).//P15114
 F-HEMBA1006398//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//3.3e-26:123:52//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBA1006416
 55 F-HEMBA1006419//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.2e-24:102:50//HOMO SAPIENS (HU-
 MAN).//P39189
 F-HEMBA1006421//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.1e-21:101:57//HOMO SAPIENS (HUMAN).//
 P39188

F-HEMBA1006424//HYPOTHETICAL PROTEIN IORF1.//0.85:55:30//BOVINE CORONAVIRUS (STRAIN ME-BUS), AND BOVINE CORONAVIRUS (STRAIN QUEBEC).//P22053
 F-HEMBA1006426//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.8e-36:78:74//HOMO SAPIENS (HUMAN).//P39195
 5 F-HEMBA1006438//HYPOTHETICAL 8.1 KD PROTEIN (ORF65).//1.0:38:36//GUILLARDIA THETA (CRYPTO-MONAS PHI).//O78421
 F-HEMBA1006445//RAS-LIKE PROTEIN 3.//1.9e-06:40:47//RHIZOMUCOR RACEMOSUS (MUCOR CIRCINELLOIDES F. LUSITANICUS).//P22280
 F-HEMBA1006446
 10 F-HEMBA1006461//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/4.1e-18:68:67//HOMO SAPIENS (HUMAN).//P39192
 F-HEMBA1006467
 F-HEMBA1006471
 F-HEMBA1006474//40 KD PROTEIN.//1.1e-37:231:38//BORNA DISEASE VIRUS (BDV).//Q01552
 15 F-HEMBA1006483//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/6.1e-38:77:74//HOMO SAPIENS (HUMAN).//P39192
 F-HEMBA1006485//HYPOTHETICAL 9.3 KD PROTEIN IN NAD3-NAD7 INTERGENIC REGION (ORF 79).//0.91:30:40//MARCHANTIA POLYMORPHA (LIVERWORT).//P38465
 F-HEMBA1006486//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.1e-12:78:51//HOMO SAPIENS (HUMAN).//P08547
 20 F-HEMBA1006489//FUN34 PROTEIN.//0.94:58:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32907
 F-HEMBA1006492//NADH-UBIQUINONE OXIDOREDUCTASE MWFE SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3) (COMPLEX I-MWFE) (CI-MWFE).//0.87:44:36//HOMO SAPIENS (HUMAN).//O15239
 25 F-HEMBA1006494//FERREDOXIN-LIKE PROTEIN IN NIF REGION.//0.11:46:26//RHIZOBIUM LEGUMINOSARUM (BIOVAR TRIFOLI).//P42711
 F-HEMBA1006497
 F-HEMBA1006502//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.15:26:73//HOMO SAPIENS (HUMAN).//P39188
 30 F-HEMBA1006507//DIAPHANOUS PROTEIN.//0.0055:129:28//DROSOPHILA MELANOGASTER (FRUIT FLY).//P48608
 F-HEMBA1006521//3-OXOACYL-[ACYL-CARRIER PROTEIN] REDUCTASE (EC 1.1.1.100) (3-KETOACYL-ACYL CARRIER PROTEIN REDUCTASE).//1.1e-32:177:41//ESCHERICHIA COLI.//P25716
 F-HEMBA1006530//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.052:84:26//LEISHMANIA TARENTOLAE (SAUROLEISHMANIA TARENTOLAE).//P15583
 35 F-HEMBA1006535//INHIBITOR OF APOPTOSIS PROTEIN 1 (MIAP1) (MIAP-1).//6.6e-05:53:39//MUS MUSCULUS (MOUSE).//O08863
 F-HEMBA1006540//PRESYNAPTIC PROTEIN SAP97 (SYNAPSE-ASSOCIATED PROTEIN 97) (DISCS, LARGE HOMOLOG 1).//2.1e-07:206:23//RATTUS NORVEGICUS (RAT).//Q62696
 40 F-HEMBA1006546//PROBABLE E5 PROTEIN.//0.11:70:32//HUMAN PAPILLOMAVIRUS TYPE 51.//P26553
 F-HEMBA1006559//SUPPRESSOR PROTEIN SRP40.//0.015:221:20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 F-HEMBA1006562//SALIVARY PROLINE-RICH PROTEIN PO PRECURSOR (ALLELE S).//1.5e-07:122:33//HOMO SAPIENS (HUMAN).//P10163
 45 F-HEMBA1006566//CELL DIVISION PROTEIN KINASE 2 (EC 2.7.1.-) (CDC2 HOMOLOG EG1 PROTEIN KINASE).//0.63:53:37//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P23437
 F-HEMBA1006569//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT).//4.4e-06:88:39//BOS TAURUS (BOVINE).//P02465
 F-HEMBA1006579
 50 F-HEMBA1006583//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//0.011:61:40//MUS MUSCULUS (MOUSE).//P05142
 F-HEMBA1006595//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/5.6e-34:93:77//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1006597//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.9e-26:75:74//HOMO SAPIENS (HUMAN).//P39195
 55 F-HEMBA1006612//SUPPRESSOR PROTEIN SRP40.//0.026:221:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 F-HEMBA1006617//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.6e-20:73:63//HOMO SAPIENS (HUMAN).//

P39188
 F-HEMBA1006624//HYPOTHETICAL 41.9 KD PROTEIN IN SDS3-THS1 INTERGENIC REGION.//2.6e-31:209:44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40506
 F-HEMBA1006631//HYPOTHETICAL 62.8 KD PROTEIN IN TAF145-YOR1 INTERGENIC REGION.//1.5e-15:131:41//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53331
 5 F-HEMBA1006635
 F-HEMBA1006639//POLYADENYLATE-BINDING PROTEIN 1 (POLY(A) BINDING PROTEIN 1) (PABP 1).//2.2e-11:48:75//MUS MUSCULUS (MOUSE).//P29341
 F-HEMBA1006643//LONG NEUROTOXIN CR1 PRECURSOR (KAPPA NEUROTOXIN).//0.28:48:27//BUNGARUS MULTICINCTUS (MANY-BANDED KRAIT).//P15817
 10 F-HEMBA1006648//ZINC FINGER PROTEIN 12 (ZINC FINGER PROTEIN KOX3) (FRAGMENT).//0.26:17:47//HOMO SAPIENS (HUMAN).//P17014
 F-HEMBA1006652//60S RIBOSOMAL PROTEIN L7.//2.4e-44:206:47//MUS MUSCULUS (MOUSE).//P14148
 F-HEMBA1006653
 15 F-HEMBA1006659
 F-HEMBA1006665//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.018:43:58//HOMO SAPIENS (HUMAN).//P08547
 F-HEMBA1006674//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135) (TAFII-130) (TAFII130).//2.9e-05:154:33//HOMO SAPIENS (HUMAN).//O00268
 20 F-HEMBA1006676//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//3.6e-09:52:51//OWENIA FUSIFORMIS.//P21260
 F-HEMBA1006682
 F-HEMBA1006695//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.1e-06:35:65//HOMO SAPIENS (HUMAN).//P39188
 25 F-HEMBA1006696
 F-HEMBA1006708//HYPOTHETICAL 46.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMC1-TFG2 INTERGENIC REGION.//3.4e-19:104:45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53196
 F-HEMBA1006709//RETINOIC ACID RECEPTOR RXR-BETA.//0.24:111:36//HOMO SAPIENS (HUMAN).//P28702
 30 F-HEMBA1006717
 F-HEMBA1006737//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT).//5.8e-09:111:40//HOMO SAPIENS (HUMAN).//Q01485
 F-HEMBA1006744//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//1.8e-32:84:78//HOMO SAPIENS (HUMAN).//P39191
 35 F-HEMBA1006754//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.3e-75:220:62//HOMO SAPIENS (HUMAN).//P08547
 F-HEMBA1006758//VASCULAR ENDOTHELIAL-CADHERIN PRECURSOR (VECADHERIN) (CADHERIN-5) (7B4 ANTIGEN) (CD144 ANTIGEN).//0.024:110:29//HOMO SAPIENS (HUMAN).//P33151
 F-HEMBA1006767
 40 F-HEMBA1006779//MITOCHONDRIAL RIBOSOMAL PROTEIN S12.//0.67:19:42//LEISHMANIA TARENTOLAE (SAUROLEISHMANIA TARENTOLAE).//Q34940
 F-HEMBA1006780
 F-HEMBA1006789//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//0.056:98:30//MUS MUSCULUS (MOUSE).//P05143
 45 F-HEMBA1006795//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.9e-11:143:30//NYCTICEBUS CUCANG (SLOW LORIS).//P08548
 F-HEMBA1006796//WISKOTT-ALDRICH SYNDROME PROTEIN HOMOLOG (WASP).//0.16:38:42//MUS MUSCULUS (MOUSE).//P70315
 F-HEMBA1006807//HYPOTHETICAL 46.4 KD PROTEIN T16H12.5 IN CHROMOSOME III.//4.4e-75:184:77//CAENORHABDITIS ELEGANS.//P34568
 50 F-HEMBA1006821//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//0.011:20:85//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBA1006824//PROTEIN B11.//0.44:27:44//VACCINIA VIRUS (STRAIN WR).//Q01229
 F-HEMBA1006832//HYPOTHETICAL 34.6 KD PROTEIN C13G5.2 IN CHROMOSOME III.//1.0:46:36//CAENORHABDITIS ELEGANS.//P34327
 55 F-HEMBA1006849
 F-HEMBA1006865//ACROSIN INHIBITORS IIA AND IIB (BUSI-II).//1.0:41:31//BOS TAURUS (BOVINE).//P01001
 F-HEMBA1006877//OXYSTEROL-BINDING PROTEIN.//3.7e-26:239:36//ORYCTOLAGUS CUNICULUS (RAB-

BIT).//P16258
 F-HEMBA1006885//HYPOTHETICAL 27.2 KD PROTEIN F09E5.8 IN CHROMOSOME II.//4.5e-38:185:43//
 CAENORHABDITIS ELEGANS.//P52057
 F-HEMBA1006900
 5 F-HEMBA1006914//UBIQUITIN-ACTIVATING ENZYME E1-LIKE (POLYMERASE-INTERACTING PROTEIN 2).//
 5.2e-27:269:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P52488
 F-HEMBA1006921//CYTOTOXIN 3 (COMPONENT 3.20).//0.99:32:37//NAJA MELANOLEUCA (FOREST CO-
 BRA) (BLACK-LIPPED COBRA).//P01473
 F-HEMBA1006926//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//0.0024:148:
 10 33//RATTUS NORVEGICUS (RAT).//P54258
 F-HEMBA1006929//HYPOTHETICAL PROTEIN MJ0525.//0.95:35:20//METHANOCOCCUS JANNASCHII.//
 Q57945
 F-HEMBA1006936//SALIVARY ACIDIC PROLINE-RICH PHOSPHOPROTEIN 1/2 PRECURSOR (PRP-1 / PRP-
 3) (PRP-2 / PRP-4) (PIF-F / PIF-S) (PROTEIN A / PROTEIN C) [CONTAINS: PEPTIDE P-C].//0.074:116:31//HOMO
 15 SAPIENS (HUMAN).//P02810
 F-HEMBA1006938
 F-HEMBA1006941//THIOREDOXIN H-TYPE 1 (TRX-H1).//2.1e-13:90:33//NICOTIANA TABACUM (COMMON
 TOBACCO).//P29449
 F-HEMBA1006949
 20 F-HEMBA1006973//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.75:29:55//BOS TAURUS (BOVINE).//
 P25508
 F-HEMBA1006976//CMP-N-ACETYLNEURAMINATE-BETA-GALACTOSAMIDE-ALPHA-2,3-SIALYLTRANS-
 FERASE (EC 2.4.99.-) (BETA-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERASE) (ST3GALIII) (ALPHA 2,3-ST)
 (GAL-NAC6S) (STZ) (SIAT4-C) (SAT-3) (ST-4).//3.9e-108:117:95//HOMO SAPIENS (HUMAN).//Q11206
 25 F-HEMBA1006993
 F-HEMBA1006996//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70).//
 0.12:51:33//ASTASIA LONGA (EUGLENOPHYCEAN ALGA).//P34779
 F-HEMBA1007002//PLATELET GLYCOPROTEIN IX PRECURSOR (GPIX) (CD42A).//0.00096:60:33//HOMO SA-
 PIENS (HUMAN).//P14770
 30 F-HEMBA1007017//HYPOTHETICAL 7.2 KD PROTEIN IN CYAY-DAPF INTERGENIC REGION.//1.0:25:56//ES-
 CHERICHIA COLI.//P39166
 F-HEMBA1007018//DYNEIN LIGHT INTERMEDIATE CHAIN 1, CYTOSOLIC (LIC57/59) (DYNEIN LIGHT CHAIN
 A) (DLC-A).//8.5e-120:278:80//GALLUS GALLUS (CHICKEN).//Q90828
 F-HEMBA1007045//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//2.1e-12:158:29//
 35 XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P17437
 F-HEMBA1007051
 F-HEMBA1007052//60S RIBOSOMAL PROTEIN L37-B (L35) (YP55).//0.94:37:35//SACCHAROMYCES CERE-
 VISIAE (BAKER'S YEAST).//P51402
 F-HEMBA1007062//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.93:55:29//RHINOCEROS UNICORNIS
 40 (GREATER INDIAN RHINOCEROS).//Q96063
 F-HEMBA1007066//ECLOSION HORMONE PRECURSOR (ECDYSIS ACTIVATOR) (EH).//0.58:49:38//BOM-
 BYX MORI (SILK MOTH).//P25331
 F-HEMBA1007073//PUTATIVE SMALL MEMBRANE PROTEIN (ORF 4).//0.86:46:34//CANINE ENTERIC
 CORONAVIRUS (STRAIN INSAVC-1) (CCV).//P36696
 45 F-HEMBA1007078//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//8.6e-29:56:67//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBA1007080//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//0.028:122:30//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG).//P17437
 F-HEMBA1007085//RTOA PROTEIN (RATIO-A).//7.4e-11:221:31//DICTYOSTELIUM DISCOIDEUM (SLIME
 50 MOLD).//P54681
 F-HEMBA1007087//HYPOTHETICAL PROTEIN MJ0162.//3.3e-29:173:36//METHANOCOCCUS JANNASCHII.//
 Q57626
 F-HEMBA1007112
 F-HEMBA1007113
 55 F-HEMBA1007121//INOSITOL POLYPHOSPHATE 1-PHOSPHATASE (EC 3.1.3.57) (IPP).//5.4e-07:90:28//HO-
 MO SAPIENS (HUMAN).//P49441
 F-HEMBA1007129//HIRUSTASIN.//0.88:37:32//HIRUDO MEDICINALIS (MEDICINAL LEECH) //P80302
 F-HEMBA1007147//HYPOTHETICAL 12.0 KD PROTEIN IN DST1-HEM2 INTERGENIC REGION.//0.92:23:34//

SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53182
 F-HEMBA1007149//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17).//0.0078:17:70//ESCHERICHIA COLI.//P05834
 F-HEMBA1007151//WDNM1 PROTEIN PRECURSOR.//0.25:45:37//MUS MUSCULUS (MOUSE).//Q62477
 5 F-HEMBA1007174//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION.//6.9e-18:97:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47160
 F-HEMBA1007178//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!9.8e-06:38:65//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBA1007194//GLUCOSE-6-PHOSPHATE 1-DEHYDROGENASE, CHOLOROPLAST ISOFORM PRECURSOR (EC 1.1.1.49) (G6PD).//1.0:80:32//NICOTIANA TABACUM (COMMON TOBACCO).//Q43793
 10 F-HEMBA1007203//PROTEIN A22.//1.0:115:26//VARIOLA VIRUS.//P33845
 F-HEMBA1007206
 F-HEMBA1007224//HYPOTHETICAL 35.7 KD PROTEIN C41C4.6 IN CHROMOSOME II.//2.4e-05:92:30//CAENORHABDITIS ELEGANS.//Q09275
 15 F-HEMBA1007243//HYPOXANTHINE-GUANINE PHOSPHORIBOSYLTRANSFERASE (EC 2.4.2.8) (HGPRT) (HGPRTASE) (HPRT B).//3.1e-74:205:67//MUS MUSCULUS (MOUSE).//P00493
 F-HEMBA1007251//VITELLINE MEMBRANE PROTEIN VM26AB PRECURSOR (PROTEIN TU-4) (PROTEIN SV23).//0.52:108:30//DROSOPHILA MELANOGASTER (FRUIT FLY).//P13238
 F-HEMBA1007256
 20 F-HEMBA1007267//CALICIN (FRAGMENT).//0.060:88:31//HOMO SAPIENS (HUMAN).//Q13939
 F-HEMBA1007273//HYPOTHETICAL 8.1 KD PROTEIN (ORF65).//0.95:40:37//GUILLARDIA THETA (CRYPTOMONAS PHI).//O78421
 F-HEMBA1007279//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!4.6e-24:98:64//HOMO SAPIENS (HUMAN).//P39188
 25 F-HEMBA1007281
 F-HEMBA1007288//HYPOTHETICAL 13.5 KD PROTEIN IN ZMS1-MNS1 INTERGENIC REGION.//0.88:11:54//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47162
 F-HEMBA1007300//CGMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE (EC 3.1.4.17) (CGB-PDE).//2.7e-43:220:41//BOS TAURUS (BOVINE).//Q28156
 30 F-HEMBA1007301//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR.//3.3e-22:115:33//HOMO SAPIENS (HUMAN).//P02461
 F-HEMBA1007319
 F-HEMBA1007320//HYPOTHETICAL 28.0 KD PROTEIN IN GLOB-RNHA INTERGENIC REGION.//1.0:48:37//ESCHERICHIA COLI.//P75672
 35 F-HEMBA1007322//THREONINE DEHYDRATASE OPERON ACTIVATOR PROTEIN.//1.0:59:33//ESCHERICHIA COLI.//P11866
 F-HEMBA1007327
 F-HEMBA1007341//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!9.1e-12:37:62//HOMO SAPIENS (HUMAN).//P39188
 40 F-HEMBA1007342//PROBABLE E5 PROTEIN.//0.89:96:29//PYGMY CHIMPANZEE PAPILLOMAVIRUS TYPE 1.//Q02268
 F-HEMBA1007347//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 2 PRECURSOR (IGFBP-2) (IBP-2) (IGF-BINDING PROTEIN 2).//0.92:62:43//OVIS ARIES (SHEEP).//Q29400
 F-HEMBA1000005//WEAK NEUROTOXIN 5.//0.98:30:33//NAJA NAJA (INDIAN COBRA).//P29179
 45 F-HEMBA1000008//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!2.7e-35:73:84//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBA1000018//HYPOTHETICAL BHLF1 PROTEIN.//0.39:90:37//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-HEMBA1000024//VIRE LOCUS 9 KD VIRULENCE PROTEIN.//0.66:36:41//AGROBACTERIUM TUMEFACIENS.//P08061
 50 F-HEMBA1000025//MUSCARINIC TOXIN ALPHA (MT-ALPHA).//0.46:32:40//DENDROASPIS POLYLEPIS POLYLEPIS (BLACK MAMBA).//P80494
 F-HEMBA1000030//SUPPRESSOR PROTEIN SRP40.//6.7e-07:50:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 55 F-HEMBA1000036//HYPOTHETICAL 43.2 KD PROTEIN C34E10.1 IN CHROMOSOME III.//2.5e-07:120:29//CAENORHABDITIS ELEGANS.//P46576
 F-HEMBA1000037//HYPOTHETICAL 59.9 KD PROTEIN-IN SGA1-KTR7 INTERGENIC REGION.//1.7e-05:71:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40492

F-HEMBB1000039//VERY HYPOTHETICAL 11.9 KD PROTEIN C4H3.12C IN CHROMOSOME I.//1.0:61:21//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10219
 F-HEMBB1000044
 F-HEMBB1000048//HYPOTHETICAL 15.7 KD PROTEIN IN IDH-DEOR INTERGENIC REGION.//1.0:63:31//BA-
 CILLUS SUBTILIS.//P54942
 5 F-HEMBB1000050//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/9.0e-14:34:79//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBB1000054//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.9e-31:45:73//HOMO SAPIENS (HUMAN).//
 P39193
 10 F-HEMBB1000055//MUSCARINIC TOXIN ALPHA (MT-ALPHA).//1.0:14:57//DENDROASPIS POLYLEPIS
 POLYLEPIS (BLACK MAMBA).//P80494
 F-HEMBB1000059//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.0e-21:82:59//HOMO SAPIENS (HUMAN).//
 P39195
 15 F-HEMBB1000083//CHROMOGRANIN A PRECURSOR (CGA) [CONTAINS: PANCREASTATIN; BETA-GRANIN;
 WE-14].//0.87:172:28//RATTUS NORVEGICUS (RAT).//P10354
 F-HEMBB1000089//HYPOTHETICAL 9.5 KD PROTEIN IN SPEA-METK INTERGENIC REGION (F83).//1.0:42:
 33//ESCHERICHIA COLI.//P46879
 F-HEMBB1000099//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/7.7e-08:31:87//HOMO SAPIENS (HUMAN).//
 P39189
 20 F-HEMBB1000103//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.4e-38:136:58//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBB1000113//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.9e-13:57:64//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBB1000119//MAF PROTEIN.//3.6e-32:195:43//BACILLUS SUBTILIS.//Q02169
 25 F-HEMBB1000136//HYPOTHETICAL 12.7 KD PROTEIN IN PCS60-ABD1 INTERGENIC REGION.//0.65:71:32//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38327
 F-HEMBB1000141//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.00014:34:64//HOMO SAPI-
 ENS (HUMAN).//P20931
 F-HEMBB1000144//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/2.0e-26:81:69//HOMO SAPIENS (HU-
 MAN).//P39191
 30 F-HEMBB1000173//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/9.2e-29:91:71//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBB1000175//ANTIMICROBIAL PEPTIDE ENAP-1 (FRAGMENT).//0.97:41:36//EQUUS CABALLUS
 (HORSE).//P80930
 35 F-HEMBB1000198//HYPOTHETICAL 7.7 KD PROTEIN YCF33 (ORF67).//0.91:21:52//PORPHYRA PURPU-
 REA.//P51329
 F-HEMBB1000215//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.4e-08:39:76//HOMO SAPIENS (HUMAN).//
 P39192
 F-HEMBB1000217//DNA DAMAGE TOLERANCE PROTEIN RHC31 (RAD31 HOMOLOG).//2.9e-32:174:40//
 40 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q06624
 F-HEMBB1000218//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.73:31:38//MICROTUS PENNSYLVAN-
 ICUS (MEADOW VOLE).//P24949
 F-HEMBB1000226//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II.//6.5e-26:191:34//
 CAENORHABDITIS ELEGANS.//Q09217
 45 F-HEMBB1000240
 F-HEMBB1000244//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.9e-05:44:61//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBB1000250
 F-HEMBB1000258
 50 F-HEMBB1000264//CUTICLE COLLAGEN SQT-1.//0.15:89:33//CAENORHABDITIS ELEGANS.//P12114
 F-HEMBB1000266//TRANSLATION INITIATION FACTOR IF-2.//2.7e-06:167:22//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P39730
 F-HEMBB1000272//CYTOCHROME C OXIDASE POLYPEPTIDE VIB (EC 1.9.3.1) (AED).//0.75:30:43//BOS TAU-
 RUS (BOVINE).//P00429
 55 F-HEMBB1000274//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
 MOUS CELL MARKER) (SPRP).//1.0:38:36//SUS SCROFA (PIG).//P35323
 F-HEMBB1000284//CALTRIN (CALCIUM TRANSPORT INHIBITOR).//1.0:56:30//MUS MUSCULUS (MOUSE).//
 Q09098

F-HEMBB1000307
 F-HEMBB1000312
 F-HEMBB1000317//THROMBOSPONDIN 1 PRECURSOR.//3.2e-32:135:43//HOMO SAPIENS (HUMAN).//
 P07996
 5 F-HEMBB1000318//PUTATIVE SMALL MEMBRANE PROTEIN (NONSTRUCTURAL PROTEIN NS3) (NON-
 STRUCTURAL 9.5 KD PROTEIN).//0.41:51:31//HUMAN CORONAVIRUS (STRAIN OC43).//Q04854
 F-HEMBB1000335//ZINC FINGER PROTEIN 13 (ZFP-13) (KROX-8 PROTEIN) (FRAGMENT).//0.82:33:45//MUS
 MUSCULUS (MOUSE).//P10754
 F-HEMBB1000336//ALDEHYDE OXIDASE (EC 1.2.3.1) (FRAGMENTS).//0.80:44:40//ORYCTOLAGUS CUNIC-
 10 ULUS (RABBIT).//P80456
 F-HEMBB1000337//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//0.94:118:22//HOMO SAPIENS (HUMAN).//Q08170
 F-HEMBB1000338//MALE SPECIFIC SPERM PROTEIN MST84DA.//0.042:33:39//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01642
 15 F-HEMBB1000339//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.2e-14:54:55//HOMO SAPIENS (HUMAN).//
 P39188
 F-HEMBB1000341//GENE 74 PROTEIN (GP74).//1.0:39:33//MYCOBACTERIOPHAGE L5.//Q05289
 F-HEMBB1000343
 F-HEMBB1000354//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-15:83:56//HOMO SAPIENS (HUMAN).//
 20 P39188
 F-HEMBB1000369//PROTEIN Q300.//0.99:27:40//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBB1000374//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/4.7e-34:56:78//HOMO SAPIENS (HUMAN).//
 P39189
 F-HEMBB1000376
 25 F-HEMBB1000391//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.0013:79:35//BOS TAURUS (BO-
 VINE).//P25508
 F-HEMBB1000399//CHECKPOINT PROTEIN RAD17.//2.8e-15:187:31//SCHIZOSACCHAROMYCES POMBE
 (FISSION YEAST).//P50531
 F-HEMBB1000402//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.027:60:
 30 38//LEISHMANIA TARENTOLAE (SAUROLEISHMANIA TARENTOLAE).//P15583
 F-HEMBB1000404//CYANELLE 50S RIBOSOMAL PROTEIN L28.//0.94:29:27//CYANOPHORA PARADOXA.//
 P48129
 F-HEMBB1000420//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53).//0.023:97:35//HOMO SA-
 PIENS (HUMAN).//Q15427
 35 F-HEMBB1000434//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.8e-20:111:54//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBB1000438//HYPOTHETICAL 7.9 KD PROTEIN IN GP55-NRDG INTERGENIC REGION.//0.93:24:50//
 BACTERIOPHAGE T4.//P07076
 F-HEMBB1000441//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.4e-23:85:70//HOMO SAPIENS (HUMAN).//
 40 P39188
 F-HEMBB1000449//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.88:27:51//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBB1000455
 F-HEMBB1000472
 45 F-HEMBB1000480//PROTEIN STBC.//1.0:52:30//ESCHERICHIA COLI.//P11905
 F-HEMBB1000487//SHORT NEUROTOXIN 1 (NEUROTOXIN ALPHA) (NEUROTOXIN II).//0.93:29:34//NAJA
 OXIANA (CENTRAL ASIAN COBRA) (OXUS COBRA).//P01427
 F-HEMBB1000490//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.3e-16:50:80//HOMO SAPIENS (HUMAN).//
 P39195
 50 F-HEMBB1000491
 F-HEMBB1000493//3A PROTEIN.//1.0:51:35//AVIAN INFECTIOUS BRONCHITIS VIRUS (STRAIN BEAU-
 DETTE) (IBV).//P30237
 F-HEMBB1000510//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.7e-27:132:45//HOMO SAPIENS (HU-
 MAN).//P08547
 55 F-HEMBB1000518//CYTOCHROME C OXIDASE POLYPEPTIDE III (EC 1.9.3.1).//0.021:47:40//LEISHMANIA
 TARENTOLAE (SAUROLEISHMANIA TARENTOLAE).//P14546
 F-HEMBB1000523
 F-HEMBB1000530//COLLAGEN ALPHA 1(XIV) CHAIN PRECURSOR (UNDULIN).//9.8e-14:43:83//GALLUS

GALLUS (CHICKEN).//P32018
 F-HEMBB1000550//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3).//0.19:97:30//TRYPA-
 SOMA BRUCEI BRUCEI.//P04540
 F-HEMBB1000554//MATERNAL B9.10 PROTEIN (P30 B9.10).//0.94:82:25//XENOPUS LAEVIS (AFRICAN
 5 CLAWED FROG).//P40744
 F-HEMBB1000556//TRANSCRIPTION INITIATION FACTOR TFIIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130).//0.043:201:29//HOMO SAPIENS (HUMAN).//000268
 F-HEMBB1000564//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:5:2:34//METRIDIDIUM SENILE
 (BROWN SEA ANEMONE) (FRILLED SEA ANEMONE).//O47493
 10 F-HEMBB1000573//ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/2.3e-10:52:73//HOMO SAPIENS (HU-
 MAN).//P39191
 F-HEMBB1000575//ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.8e-26:76:76//HOMO SAPIENS (HUMAN).//
 P39192
 F-HEMBB1000586//NADH-UBIQUINONE OXIDOREDUCTASE MLRQ SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3)
 15 (COMPLEX I-MLRQ) (CI-MLRQ).//0.74:23:52//HOMO SAPIENS (HUMAN).//O00483
 F-HEMBB1000589//ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.9e-25:61:75//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBB1000591//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:34:35//PETROMYZON MARINUS
 (SEA LAMPREY).//Q35537
 20 F-HEMBB1000592//SMALL PROLINE-RICH PROTEIN 2-1.//0.0016:49:42//HOMO SAPIENS (HUMAN).//P35326
 F-HEMBB1000593//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENTS).//0.0070:189:32//GALLUS GALLUS
 (CHICKEN).//P12105
 F-HEMBB1000598//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.7e-10:110:41//NYCTICEBUS COU-
 CANG (SLOW LORIS).//P08548
 25 F-HEMBB1000623//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III.//0.0022:98:28//
 CAENORHABDITIS ELEGANS.//P34284
 F-HEMBB1000630
 F-HEMBB1000631//ALPHA-2C-1 ADRENERGIC RECEPTOR (ALPHA-2C-1 ADRENOCEPTOR) (SUBTYPE
 C4).//8.8e-06:59:40//HOMO SAPIENS (HUMAN).//P18825
 30 F-HEMBB1000632//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//7.3e-13:173:28//MUS MUSCU-
 LUS (MOUSE).//P27671
 F-HEMBB1000637//ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.6e-41:94:82//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBB1000638//INVOLUCRIN.//1.9e-06:144:29//HOMO SAPIENS (HUMAN).//P07476
 35 F-HEMBB1000643//ALU SUBFAMILY SX WARNING ENTRY !!!!!/8.3e-30:77:76//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBB1000649//ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.5e-37:58:81//HOMO SAPIENS (HUMAN).//
 P39189
 F-HEMBB1000652//ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.2e-37:61:77//HOMO SAPIENS (HUMAN).//
 40 P39193
 F-HEMBB1000665//HYPOTHETICAL PROTEIN BBD24.//0.83:38:36//BORRELIA BURGDORFERI (LYME DIS-
 EASE SPIROCHETE).//P70845
 F-HEMBB1000671//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//6.8e-51:74:71//HOMO SAPIENS (HU-
 MAN).//P08547
 45 F-HEMBB1000673//HEAT-STABLE ENTEROTOXIN A3/A4 PRECURSOR (STA3/STA4) (ST-IB) (ST-H).//0.012:
 37:37//ESCHERICHIA COLI.//P07965
 F-HEMBB1000684//ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.1e-21:66:72//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBB1000693//HUNTINGTIN ASSOCIATED PROTEIN 1 (HAP1).//5.2e-26:121:49//RATTUS NORVEGICUS
 50 (RAT).//P54256
 F-HEMBB1000705
 F-HEMBB1000706
 F-HEMBB1000709//HYPOTHETICAL 5.8 KD PROTEIN.//1.0:29:44//CLOVER YELLOW MOSAIC VIRUS
 (CYMV).//P16485
 55 F-HEMBB1000725//RAS-RELATED PROTEIN RAB-8B.//7.4e-105:205:98//RATTUS NORVEGICUS (RAT).//
 P70550
 F-HEMBB1000726//ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.4e-25:85:70//HOMO SAPIENS (HU-
 MAN).//P39194

F-HEMBB1000738//50S RIBOSOMAL PROTEIN L33.//1.0:41:31//THERMUS AQUATICUS (SUBSP. THERMOPHILUS).//P35871
 F-HEMBB1000749//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.3e-29:42:85//HOMO SAPIENS (HUMAN).//P39194
 5 F-HEMBB1000763//NIFU PROTEIN.//0.089:63:36//FRANKIA ALNI.//P46045
 F-HEMBB1000770//CALTRIN-LIKE PROTEIN II.//0.98:13:69//CAVIA PORCELLUS (GUINEA PIG).//P22075
 F-HEMBB1000774//HIGH MOBILITY GROUP PROTEIN HMG-Y.//0.029:53:32//MUS MUSCULUS (MOUSE).//P17095
 F-HEMBB1000781//MAPK/ERK KINASE KINASE 2 (EC 2.7.1.-) (MEK KINASE 2) (MEKK 2).//3.5e-75:144:98//
 10 MUS MUSCULUS (MOUSE).//Q61083
 F-HEMBB1000789//PUTATIVE 90.2 KD ZINC FINGER PROTEIN IN CCA1-ADK2 INTERGENIC REGION.//2.6e-49:232:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39956
 F-HEMBB1000790//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.9e-16:93:51//HOMO SAPIENS (HUMAN).//P39188
 15 F-HEMBB1000794
 F-HEMBB1000807//MUSCARINIC ACETYLCHOLINE RECEPTOR M3.//0.54:111:27//GALLUS GALLUS (CHICKEN).//P49578
 F-HEMBB1000810
 F-HEMBB1000821
 20 F-HEMBB1000822//HYPOTHETICAL 10 KD PROTEIN (ORF 6).//0.10:50:34//NARCISSUS MOSAIC VIRUS (NMV).//P15099
 F-HEMBB1000826//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.00025:73:39//HOMO SAPIENS (HUMAN).//P20931
 F-HEMBB1000827//HYPOTHETICAL 7.4 KD PROTEIN.//0.89:23:52//THERMOPROTEUS TENAX VIRUS 1 (STRAIN KRA1) (TTV1).//P19302
 25 F-HEMBB1000831//MALE SPECIFIC SPERM PROTEIN MST87F.//0.98:35:40//DROSOPHILA MELANOGASTER (FRUIT FLY).//P08175
 F-HEMBB1000835//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.8e-31:96:46//HOMO SAPIENS (HUMAN).//P08547
 30 F-HEMBB1000840//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.00012:102:36//NYCTICEBUS COUCANG (SLOW LORIS).//P08548
 F-HEMBB1000848//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.3e-97:239:70//HOMO SAPIENS (HUMAN).//P08547
 F-HEMBB1000852
 35 F-HEMBB1000870
 F-HEMBB1000876//METALLOTHIONEIN (MT).//0.99:14:64//PERCA FLUVIATILIS (PERCH).//P52725
 F-HEMBB1000883//HYPOTHETICAL 7.8 KD PROTEIN (ORF62).//0.34:60:33//GUILLARDIA THETA (CRYPTOMONAS PHI).//O78459
 F-HEMBB1000887//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE.//1.0:26:42//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI).//Q48251
 40 F-HEMBB1000888
 F-HEMBB1000890
 F-HEMBB1000893
 F-HEMBB1000908//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0074:45:51//HOMO SAPIENS (HUMAN).//P39188
 45 F-HEMBB1000910//PROBABLE E5 PROTEIN.//1.0:49:36//HUMAN PAPILLOMAVIRUS TYPE 58.//P26552
 F-HEMBB1000913//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.29:56:46//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBB1000915//CYTOCHROME B (EC 1.10.2.2).//2.5e-24:62:90//HOMO SAPIENS (HUMAN).//P00156
 50 F-HEMBB1000917//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.9e-26:53:66//HOMO SAPIENS (HUMAN).//P39193
 F-HEMBB1000927//NEURONAL CALCIUM SENSOR 1 (NCS-1) (FREQUENIN).//3.9e-44:182:45//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//Q91614
 F-HEMBB1000947//SMALL PROLINE-RICH PROTEIN 2-1.//0.24:69:27//HOMO SAPIENS (HUMAN).//P35326
 55 F-HEMBB1000959//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/3.0e-31:89:68//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBB1000973//CONNECTIVE TISSUE GROWTH FACTOR PRECURSOR.//0.96:66:36//BOS TAURUS (BOVINE).//O18739

F-HEMBB1000975//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR (HISTIDINE-PROLINE RICH GLYCO-
 PROTEIN) (HPRG).//0.00042:77:41//HOMO SAPIENS (HUMAN).//P04196
 F-HEMBB1000981
 F-HEMBB1000985//MIPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN).//1.0e-18:
 5 178:30//MUS MUSCULUS (MOUSE).//P28575
 F-HEMBB1000991
 F-HEMBB1000996//HYPOTHETICAL 10.1 KD PROTEIN IN RHSD-GCL INTERGENIC REGION (ORFD3).//0.58:
 34:35//ESCHERICHIA COLI.//P33669
 F-HEMBB1001004//PROBABLE E4 PROTEIN.//0.24:110:35//HUMAN PAPILLOMAVIRUS TYPE 5B.//P26550
 10 F-HEMBB1001008
 F-HEMBB1001011//ZINC FINGER PROTEIN 7 (ZINC FINGER PROTEIN KOX4) (ZINC FINGER PROTEIN HF.
 16).//3.2e-17:104:47//HOMO SAPIENS (HUMAN).//P17097
 F-HEMBB1001014//EOTAXIN PRECURSOR (EOSINOPHIL CHEMOTACTIC PROTEIN).//1.0:58:39//RATTUS
 NORVEGICUS (RAT).//P97545
 15 F-HEMBB1001020//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.4e-07:36:75//HOMO SAPIENS (HUMAN).//
 P39189
 F-HEMBB1001024
 F-HEMBB1001037//FERREDOXIN.//1.0:52:25//MOORELLA THERMOACETICA (CLOSTRIDIUM THER-
 MOACETICUM).//P00203
 20 F-HEMBB1001047
 F-HEMBB1001051//PROTEIN FAN (FACTOR ASSOCIATED WITH N-SMASE ACTIVATION).//3.4e-21:50:100//
 HOMO SAPIENS (HUMAN).//Q92636
 F-HEMBB1001056//HYPOTHETICAL 29.3 KD PROTEIN (ORF92).//0.0099:115:35//ORGYIA PSEUDOTSUGATA
 MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//O10341
 25 F-HEMBB1001058//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.1e-33:95:76//HOMO SAPIENS (HUMAN).//
 P39192
 F-HEMBB1001060//HYPOTHETICAL 8.2 KD PROTEIN ZC21.7 IN CHROMOSOME III.//1.0:38:36//
 CAENORHABDITIS ELEGANS.//P34591
 F-HEMBB1001063
 30 F-HEMBB1001068
 F-HEMBB1001096//NOXIUSTOXIN (NTX) (TOXIN II.11).//0.99:36:38//CENTRUROIDES NOXIUS (MEXICAN
 SCORPION).//P08815
 F-HEMBB1001102//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//1.1e-27:115:36//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09701
 35 F-HEMBB1001105//CLASS II HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN PRECURSOR.//0.80:70:40//
 HOMO SAPIENS (HUMAN).//P28067
 F-HEMBB1001112//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//1.1e-126:287:85//RATTUS
 NORVEGICUS (RAT).//P38378
 F-HEMBB1001114//HYPOTHETICAL 9.6 KD PROTEIN (ORF2).//0.84:62:27//BACTERIOPHAGE L2.//P42537
 40 F-HEMBB1001117
 F-HEMBB1001119//COLLAGEN ALPHA 1(XII) CHAIN PRECURSOR.//1.6e-21:50:98//HOMO SAPIENS (HU-
 MAN).//Q99715
 F-HEMBB1001126//HYPOTHETICAL 55.9 KD PROTEIN EEED8.6 IN CHROMOSOME II.//1.7e-50:184:53//
 CAENORHABDITIS ELEGANS.//Q09296
 45 F-HEMBB1001133//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.4e-09:53:62//HOMO SAPIENS (HUMAN).//
 P39192
 F-HEMBB1001137//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAG-
 MENT).//2.0e-05:206:27//CRICETULUS GRISEUS (CHINESE HAMSTER).//P11414
 F-HEMBB1001142//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.1e-05:46:56//HOMO SAPIENS (HUMAN).//
 50 P39193
 F-HEMBB1001151//HYPOTHETICAL 33.5 KD PROTEIN C1D4.02C IN CHROMOSOME I.//2.3e-23:109:44//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10149
 F-HEMBB1001153//PROCOLLAGEN ALPHA 2(IV) CHAIN PRECURSOR.//0.75:76:34//ASCARIS SUUM (PIG
 ROUNDWORM) (ASCARIS LUMBRICOIDES).//P27393
 55 F-HEMBB1001169//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.4e-16:71:59//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBB1001175//ANKYRIN.//3.2e-12:169:31//MUS MUSCULUS (MOUSE).//Q02357
 F-HEMBB1001177//PERIODIC TRYPTOPHAN PROTEIN 2 HOMOLOG.//9.4e-07:148:27//HOMO SAPIENS (HU-

MAN).//Q15269
 F-HEMBB1001182//HYPOTHETICAL 36.0 KD PROTEIN.//1.3e-09:110:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P54858
 F-HEMBB1001199
 5 F-HEMBB1001208//HYPOTHETICAL PROTEIN LAMBDA-SP5.//0.053:23:47//MUS MUSCULUS (MOUSE).//P15974
 F-HEMBB1001209
 F-HEMBB1001210//HYPOTHETICAL PROTEIN LAMBDA-SP5.//0.14:40:37//MUS MUSCULUS (MOUSE).//P15974
 10 F-HEMBB1001218//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.4e-19:49:67//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBB1001221//CYTOCHROME C OXIDASE POLYPEPTIDE VIIA-LIVER PRECURSOR (EC 1.9.3.1).//0.11:44:38//HOMO SAPIENS (HUMAN).//P14406
 F-HEMBB1001234//65 KD YES-ASSOCIATED PROTEIN (YAP65).//2.0e-45:192:53//MUS MUSCULUS (MOUSE).//P46938
 15 F-HEMBB1001242//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN CHROMOSOME I.//5.5e-37:226:41//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09876
 F-HEMBB1001249//OXALOACETATE DECARBOXYLASE GAMMA CHAIN (EC 4.1.1.3).//1.0:23:43//KLEBSIELLA PNEUMONIAE.//P13155
 20 F-HEMBB1001253//METALLOTHIONEIN-IH (MT-1H) (METALLOTHIONEIN-O) (MT-0).//0.14:16:43//HOMO SAPIENS (HUMAN).//P80294
 F-HEMBB1001254//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.4e-12:40:75//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBB1001267//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//1.0e-12:33:78//HOMO SAPIENS (HUMAN).//P39193
 25 F-HEMBB1001271//HYPOTHETICAL 25.1 KD PROTEIN B0302.5 IN CHROMOSOME X.//1.0:58:37//CAENORHABDITIS ELEGANS.//Q10928
 F-HEMBB1001282//ANKYRIN HOMOLOG PRECURSOR.//9.5e-13:206:31//CHROMATIUM VINOSUM.//Q06527
 F-HEMBB1001288//COPPER HOMEOSTASIS PROTEIN CUTC.//4.6e-42:163:51//ESCHERICHIA COLI.//P46719
 30 F-HEMBB1001289//HYPOTHETICAL PROTEIN ORF-1137.//1.0e-05:106:26//MUS MUSCULUS (MOUSE).//P11260
 F-HEMBB1001294//GTP-BINDING PROTEIN TC10.//1.3e-34:58:94//HOMO SAPIENS (HUMAN).//P17081
 F-HEMBB1001302//HOMEBOX PROTEIN CDX-2 (CAUDAL-TYPE HOMEBOX PROTEIN 2) (CDX-3).//0.24:49:46//HOMO SAPIENS (HUMAN).//Q99626
 35 F-HEMBB1001304//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN (CLONE W10-1) (FRAGMENT).//1.0:17:70//LYCOPERSICON ESCULENTUM (TOMATO).//Q01157
 F-HEMBB1001314//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR.//0.21:104:27//DROSOPHILA ERECTA (FRUIT FLY).//P13730
 40 F-HEMBB1001315//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.3e-24:53:71//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBB1001317//HYPOTHETICAL 85.7 KD PROTEIN C13G6.03 IN CHROMOSOME I.//0.24:90:31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09782
 F-HEMBB1001326//HYPOTHETICAL PROTEIN LAMBDA-SP5.//0.36:26:50//MUS MUSCULUS (MOUSE).//P15974
 45 F-HEMBB1001331//HYPOTHETICAL BHLF1 PROTEIN.//1.0:127:33//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-HEMBB1001335//ESCARGOT/SNAIL PROTEIN HOMOLOG (FRAGMENT).//0.85:44:29//SCIARA COPROPHILA (FUNGUS GNAT).//Q01799
 50 F-HEMBB1001337//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//4.2e-20:62:62//HOMO SAPIENS (HUMAN).//P39194
 F-HEMBB1001339//HYPOTHETICAL 17.3 KD PROTEIN CY1A11.16C.//8.2e-07:123:34//MYCOBACTERIUM TUBERCULOSIS.//Q50606
 F-HEMBB1001346//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.2e-14:60:45//HOMO SAPIENS (HUMAN).//P08547
 55 F-HEMBB1001348//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//5.6e-14:61:62//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBB1001356

F-HEMBB1001364
 F-HEMBB1001366/HISTIDINE-RICH PROTEIN.//0.87:26:42//PLASMODIUM FALCIPARUM (ISOLATE FCM17 /
 SENEGAL).//P14586
 5 F-HEMBB1001367//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/8.6e-40:146:61//HOMO SAPIENS (HU-
 MAN).//P39192
 F-HEMBB1001369
 F-HEMBB1001380//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.9e-25:49:83//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBB1001384//BH3 INTERACTING DOMAIN DEATH AGONIST (BID).//0.80:95:29//MUS MUSCULUS
 10 (MOUSE).//P70444
 F-HEMBB1001387//PEA2 PROTEIN (PPF2 PROTEIN).//0.022:117:34//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P40091
 F-HEMBB1001394//ALPHA-ADAPTIN A (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-A LARGE
 CHAIN) (100 KD COATED VESICLE PROTEIN A) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA
 15 A SUBUNIT).//0.38:85:31//MUS MUSCULUS (MOUSE).//P17426
 F-HEMBB1001410
 F-HEMBB1001424//PHOTOSYSTEM II 4 KD REACTION CENTRE PROTEIN PRECURSOR.//0.99:37:21//
 ORYZA SATIVA (RICE).//P12162
 F-HEMBB1001426//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.0035:40:60//HOMO SAPIENS (HUMAN).//
 20 P39195
 F-HEMBB1001429//CYTOSOL AMINOPEPTIDASE (EC 3.4.11.1) (LEUCINE AMINOPEPTIDASE) (LAP) (LEU-
 CYL AMINOPEPTIDASE) (PROLINE AMINOPEPTIDASE) (EC 3.4.11.5) (PROLYL AMINOPEPTIDASE).//1.1e-
 99:21:86//BOS TAURUS (BOVINE).//P00727
 F-HEMBB1001436//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/3.4e-30:57:78//HOMO SAPIENS (HUMAN).//
 25 P39195
 F-HEMBB1001443//[PYRUVATE DEHYDROGENASE (LIPOAMIDE)]-PHOSPHATASE PRECURSOR (PDP) (EC
 3.1.3.43) (PYRUVATE DEHYDROGENASE PHOSPHATASE, CATALYTIC SUBUNIT (PDPC).//2.5e-79:155:97//
 BOS TAURUS (BOVINE).//P35816
 F-HEMBB1001449
 30 F-HEMBB1001454//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//1.1e-05:196:31//HOMO SAPIENS (HUMAN).//P10161
 F-HEMBB1001458//24 KD ANTIGEN (FRAGMENT).//0.94:18:50//PLASMODIUM CHABAUDI.//P14592
 F-HEMBB1001463
 35 F-HEMBB1001464//PPF2L ANTIGEN (FRAGMENT).//1.0:45:28//PLASMODIUM FALCIPARUM (ISOLATE PALO
 ALTO / UGANDA).//P07765
 F-HEMBB1001482//GASTRULA ZINC FINGER PROTEIN XLCGF16.1 (FRAGMENT).//4.2e-10:37:43//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG).//P18712 F-HEMBB1001500
 F-HEMBB1001521//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.4e-39:59:72//HOMO SAPIENS (HUMAN).//
 P39188
 40 F-HEMBB1001527//HOMEBOX PROTEIN HOX-B5 (XLHBOX-4) (XHOX-1B) (FRAGMENT).//0.21:131:25//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P09019
 F-HEMBB1001531//GENE 32 PROTEIN (GP32).//0.88:95:30//MYCOBACTERIOPHAGE L5.//Q05241
 F-HEMBB1001535//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:31:38//LUMBRICUS TERRESTRIS
 (COMMON EARTHWORM).//Q34942
 45 F-HEMBB1001536
 F-HEMBB1001537//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/0.0063:52:50//HOMO SAPIENS (HU-
 MAN).//P39191
 F-HEMBB1001555//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.9e-23:69:63//HOMO SAPIENS (HUMAN).//
 P39188
 50 F-HEMBB1001562//RABPHILIN-3A.//0.087:147:27//RATTUS NORVEGICUS (RAT).//P47709
 F-HEMBB1001564//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.9e-27:107:54//HOMO SAPIENS (HU-
 MAN).//P08547
 F-HEMBB1001565//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.9e-12:51:54//HOMO SAPIENS (HU-
 MAN).//P39194
 55 F-HEMBB1001585
 F-HEMBB1001586
 F-HEMBB1001588//HYPOTHETICAL 12.3 KD PROTEIN IN GAP1-NAP1 INTERGENIC REGION.//0.0031:31:48//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36140

F-HEMBB1001603
 F-HEMBB1001618//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//0.00076:47:44//MUS MUSCULUS (MOUSE).//P11369
 F-HEMBB1001619//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//1.0:52:32//HOMO SAPIENS
 5 (HUMAN).//P22531
 F-HEMBB1001630
 F-HEMBB1001635//METALLOTHIONEIN-LIKE PROTEIN TYPE 2 A.//1.0:27:44//LYCOPERSICON ESCULEN-
 TUM (TOMATO).//Q40157
 F-HEMBB1001637//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.0042:26:73//HOMO SAPIENS (HUMAN).//
 10 P39188
 F-HEMBB1001641
 F-HEMBB1001653//SURVIVAL MOTOR NEURON PROTEIN 1.//0.51:36:47//CANIS FAMILIARIS (DOG).//
 O02771
 F-HEMBB1001665//HOMEBOX PROTEIN ENGRAILED-1 (HU-EN-1).//0.0030:135:34//HOMO SAPIENS (HU-
 15 MAN).//Q05925
 F-HEMBB1001668//PROBABLE 60S RIBOSOMAL PROTEIN L39.//0.99:25:44//CAENORHABDITIS ELEGANS.//
 P52814
 F-HEMBB1001673//HYPOTHETICAL 46.1 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION.//0.0054:128:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38823.
 20 F-HEMBB1001684//SUPPRESSOR PROTEIN SRP40.//0.56:81:34//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P32583
 F-HEMBB1001685//CYTOCHROME C OXIDASE POLYPEPTIDE VIII-HEART PRECURSOR (EC 1.9.3.1) (VIIIb)
 (IX).//1.0:21:47//BOS TAURUS (BOVINE).//P10175
 F-HEMBB1001695//MYOSIN IC HEAVY CHAIN.//8.9e-05:86:40//ACANTHAMOEBA CASTELLANII (AMOEBA).//
 25 P10569
 F-HEMBB1001704//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//9.0e-08:35:71//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBB1001706//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
 MOUS CELL MARKER) (SPRP).//0.91:39:41//SUS SCROFA (PIG).//P35323
 30 F-HEMBB1001707//FERREDOXIN-LIKE PROTEIN IN NIF REGION.//1.0:43:23//BRADYRHIZOBIUM JAPONI-
 CUM.//P27394
 F-HEMBB1001717//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4 (EC 1.6.5.3) (FRAGMENT).//1.0:71:25//
 LEMUR CATTAL (RING-TAILED LEMUR).//Q34878
 F-HEMBB1001735//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//9.0e-35:97:74//HOMO SAPIENS (HU-
 35 MAN).//P39194
 F-HEMBB1001736//EUKARYOTIC TRANSLATION INITIATION FACTOR 3 BETA SUBUNIT (EIF-3 BETA) (EIF3
 P116) (EIF3 P110).//0.00069:180:28//HOMO SAPIENS (HUMAN).//P55884
 F-HEMBB1001747
 F-HEMBB1001749//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.8e-43:75:70//HOMO SAPIENS (HUMAN).//
 40 P39195
 F-HEMBB1001753//PROTEIN Q300.//0.00091:16:81//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBB1001756//CYCLIN-DEPENDENT KINASES REGULATORY SUBUNIT 2 (XE-P9).//0.94:35:42//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG).//Q91879
 F-HEMBB1001760
 45 F-HEMBB1001762//GENE 35 PROTEIN (GP35).//0.76:21:47//MYCOBACTERIOPHAGE L5.//Q05245
 F-HEMBB1001785
 F-HEMBB1001797//CHLOROPLAST 50S RIBOSOMAL PROTEIN L35.//0.99:41:31//PORPHYRA PURPUREA.//
 P51270
 F-HEMBB1001802
 50 F-HEMBB1001812//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//2.2e-39:54:77//HOMO SAPIENS (HUMAN).//
 P39193
 F-HEMBB1001816//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.1e-19:97:57//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBB1001831//HYPOTHETICAL 45.6 KD PROTEIN IN COX5A-ALG11 INTERGENIC REGION.//0.62:204:
 23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53951
 55 F-HEMBB1001834//GLYCINE-RICH RNA-BINDING PROTEIN 1 (FRAGMENT).//0.0014:40:45//SORGHUM VUL-
 GARE (SORGHUM).//Q99069
 F-HEMBB1001836//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//7.1e-14:85:61//HOMO SAPIENS (HU-

MAN).//P39191
 F-HEMBB1001839//PROBABLE E4 PROTEIN.//0.61:49:34//HUMAN PAPILLOMAVIRUS TYPE 6C.//P20969
 F-HEMBB1001850
 F-HEMBB1001863//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.7e-30:57:68//HOMO SAPIENS (HUMAN).//P39194
 5 F-HEMBB1001867
 F-HEMBB1001868//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//0.00036:47:53//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-HEMBB1001869//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//7.0e-11:95:45//HOMO SAPIENS (HUMAN).//P39188
 10 F-HEMBB1001872//HYPOTHETICAL 8.2 KD PROTEIN IN LEF8-FP INTERGENIC REGION.//1.0:34:38//AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41459
 F-HEMBB1001874
 F-HEMBB1001875
 15 F-HEMBB1001880
 F-HEMBB1001899//GENE 11 PROTEIN.//1.0:45:31//SPIROPLASMA VIRUS SPV1-R8A2 B.//P15902
 F-HEMBB1001905//HYPOTHETICAL 81.7 KD PROTEIN IN MOL1-NAT2 INTERGENIC REGION.//8.8e-54:216:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P48234
 F-HEMBB1001906
 20 F-HEMBB1001908//MONOCYTIC LEUKEMIA ZINC FINGER PROTEIN.//6.3e-51:138:80//HOMO SAPIENS (HUMAN).//Q92794
 F-HEMBB1001910
 F-HEMBB1001911
 25 F-HEMBB1001915//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME 64E).//2.3e-27:71:70//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q24574
 F-HEMBB1001921//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.8e-13:75:53//HOMO SAPIENS (HUMAN).//P08547
 F-HEMBB1001922
 30 F-HEMBB1001925//EPITHELIAL MEMBRANE PROTEIN-1 (EMP-1) (TUMOR-ASSOCIATED MEMBRANE PROTEIN).//1.0:55:30//MUS MUSCULUS (MOUSE).//P47801
 F-HEMBB1001930//HYPOTHETICAL 9.6 KD PROTEIN K10D2.7 IN CHROMOSOME III.//0.43:49:26//CAENORHABDITIS ELEGANS.//Q09412
 F-HEMBB1001944//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//5.1e-34:63:85//HOMO SAPIENS (HUMAN).//P39189
 35 F-HEMBB1001945//NONSPECIFIC LIPID-TRANSFER PROTEIN (LTP) (PHOSPHOLIPID TRANSFER PROTEIN) (PLTP).//0.28:45:40//AMARANTHUS CAUDATUS (LOVE-LIES-BLEEDING) (INCA-WHEAT).//P80450
 F-HEMBB1001947//PROTEIN UL24.//0.48:42:47//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN 17).//P10208
 F-HEMBB1001950//HYPOTHETICAL 42.6 KD PROTEIN IN GSHB-ANSB INTERGENIC REGION (O378).//1.6e-24:162:36//ESCHERICHIA COLI.//P52062
 40 F-HEMBB1001952
 F-HEMBB1001953
 F-HEMBB1001957//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.7e-11:51:60//HOMO SAPIENS (HUMAN).//P39188
 45 F-HEMBB1001962//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//7.6e-24:163:42//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBB1001967//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.1e-35:55:80//HOMO SAPIENS (HUMAN).//P39189
 F-HEMBB1001973//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//2.1e-37:108:75//HOMO SAPIENS (HUMAN).//P39192
 50 F-HEMBB1001983//LYSIS PROTEIN (E PROTEIN) (GPE).//0.84:45:37//BACTERIOPHAGE ALPHA-3.//P31280
 F-HEMBB1001988
 F-HEMBB1001990
 F-HEMBB1001996//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.4e-14:98:40//HOMO SAPIENS (HUMAN).//P08547
 55 F-HEMBB1001997//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//4.1e-19:38:73//HOMO SAPIENS (HUMAN).//P39188
 F-HEMBB1002002//CYTOCHROME C BIOGENESIS PROTEIN CCSA.//1.0:150:25//PORPHYRA PURPUREA.//

P51369
 F-HEMBB1002005//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/7.6e-12:94:40//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBB1002009
 5 F-HEMBB1002015//HYPOTHETICAL 7.7 KD PROTEIN IN MRR-TSR INTERGENIC REGION (F67).//1.0:17:47//
 ESCHERICHIA COLI.//P39395
 F-HEMBB1002042//CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYP1VC1).//2.4e-50:139:55//BLABERUS DIS-
 COIDALIS (TROPICAL COCKROACH).//P29981
 F-HEMBB1002043//HYPOTHETICAL 9.5 KD PROTEIN IN DHFR 3'REGION (ORF3).//0.052:40:42//HERPESVI-
 10 RUS SAIMIRI (SUBGROUP C / STRAIN 488).//P22577
 F-HEMBB1002044//CELLULOSE COMPLEMENTING PROTEIN.//0.45:87:33//ACETOBACTER XYLINUM (AC-
 ETOBACTER PASTEURIANUS).//P37697
 F-HEMBB1002045//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.78:18:55//HOMO SAPIENS (HUMAN).//
 P03928
 15 F-HEMBB1002049
 F-HEMBB1002050//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC
 PEPTIDE P-F] (FRAGMENT).//1.0e-06:188:27//HOMO SAPIENS (HUMAN).//P02812
 F-HEMBB1002068//HOMEBOX PROTEIN HOX-A4 (CHOX-1.4).//0.0023:56:44//GALLUS GALLUS (CHICK-
 EN).//P17277
 20 F-HEMBB1002069//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//
 0.0074:134:33//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-HEMBB1002092//ENV POLYPROTEIN PRECURSOR (COAT POLYPROTEIN) [CONTAINS: OUTER MEM-
 BRANE PROTEIN GP70; TRANSMEMBRANE PROTEIN P20E].//2.4e-07:75:40//BABOON ENDOGENOUS VI-
 RUS (STRAIN M7).//P10269
 25 F-HEMBB1002094//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/1.9e-24:63:82//HOMO SAPIENS (HU-
 MAN).//P39191
 F-HEMBB1002115//EC PROTEIN HOMOLOG (ZINC-METALLOTHIONEIN CLASS II).//0.94:26:42//ZEA MAYS
 (MAIZE).//P43401
 F-HEMBB1002134//ZINC-FINGER PROTEIN NEURO-D4.//4.6e-57:176:67//RATTUS NORVEGICUS (RAT).//
 30 P56163
 F-HEMBB1002139//CHLOROPLAST 50S RIBOSOMAL PROTEIN L35.//1.0:17:52//PORPHYRA PURPUREA.//
 P51270
 F-HEMBB1002142//EARLY NODULIN 20 PRECURSOR (N-20).//0.087:52:36//MEDICAGO TRUNCATULA (BAR-
 REL MEDIC).//P93329
 35 F-HEMBB1002152//HYPOTHETICAL 12.3 KD PROTEIN IN RPL3-RPL33 INTERGENIC REGION (ORF102).//
 5.8e-05:61:37//CYANOPHORA PARADOXA.//P15811
 F-HEMBB1002189//HYPOTHETICAL PROTEIN UL125.//1.0:77:32//HUMAN CYTOMEGALOVIRUS (STRAIN
 AD169).//P16835
 F-HEMBB1002190
 40 F-HEMBB1002193//TYROSINE-PROTEIN KINASE RECEPTOR TYRO3 PRECURSOR (TYROSINE-PROTEIN
 KINASE RSE) (TYROSINE-PROTEIN KINASE SKY) (TYROSINE-PROTEIN KINASE DTK).//1.2e-27:59:100//
 HOMO SAPIENS (HUMAN).//Q06418
 F-HEMBB1002217//ZINC FINGER PROTEIN 184 (FRAGMENT).//6.6e-22:106:50//HOMO SAPIENS (HUMAN).//
 Q99676
 45 F-HEMBB1002218//PROTEIN Q300.//0.85:19:52//MUS MUSCULUS (MOUSE).//Q02722
 F-HEMBB1002232//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/9.6e-21:56:71//HOMO SAPIENS (HUMAN).//
 P39195
 F-HEMBB1002247
 F-HEMBB1002249//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.2e-29:93:69//HOMO SAPIENS (HU-
 50 MAN).//P39194
 F-HEMBB002254//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.0e-29:101:67//HOMO SAPIENS (HU-
 MAN).//P39194
 F-HEMBB1002255//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 3 (EC 1.6.5.3).//1.0:73:28//PARA-
 MECIUM TETRAURELIA.//P15579
 55 F-HEMBB1002266//GLUTAMIC ACID-RICH PROTEIN PRECURSOR.//0.0079:151:26//PLASMODIUM FALCI-
 PARUM (ISOLATE FC27 / PAPUA NEW GUINEA).//P13816
 F-HEMBB1002280//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.2e-15:182:36//NYCTICEBUS COU-
 CANG (SLOW LORIS).//P08548

F-HEMBB1002300
 F-HEMBB1002306//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.00011:26:84//HOMO SAPIENS (HUMAN).//P39195
 5 F-HEMBB1002327//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/4.1e-11:41:85//HOMO SAPIENS (HUMAN).//P39189
 F-HEMBB1002329//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION.//9.9e-17:232:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40032
 F-HEMBB1002340
 10 F-HEMBB1002342//HYPOTHETICAL 32.5 KD PROTEIN IN MSH6-BMH2 INTERGENIC REGION.//3.6e-40:102:57//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q03835
 F-HEMBB1002358//THYMIDYLATE KINASE (EC 2.7.4.9) (DTMP KINASE).//6.1e-30:63:96//HOMO SAPIENS (HUMAN).//P23919
 F-HEMBB1002359//HYPOTHETICAL 7.1 KD PROTEIN C6G9.01C IN CHROMOSOME I.//0.97:28:46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q92346
 15 F-HEMBB1002364//RETROVIRUS-RELATED POL POLYPROTEIN (FRAGMENT).//0.47:119:25//HOMO SAPIENS (HUMAN).//P12895
 F-HEMBB1002371//HYPOTHETICAL 15.5 KD PROTEIN C2F7.12 IN CHROMOSOME I PRECURSOR.//3.0e-05:111:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09703
 F-HEMBB1002381//PUTATIVE CUTICLE COLLAGEN C09G5.4.//0.34:105:34//CAENORHABDITIS ELEGANS.//Q09455
 20 F-HEMBB1002383//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6).//0.049:103:32//AQUIFEX AEOLICUS.//066566
 F-HEMBB1002387//10 KD CHAPERONIN (PROTEIN CPN10) (PROTEIN GROES) (HEAT SHOCK PROTEIN 11).//0.18:75:28//RICKETTSIA TSUTSUGAMUSHI.//P16626
 25 F-HEMBB1002409//HIGH MOBILITY GROUP PROTEIN HMG-Y.//0.014:61:36//MUS MUSCULUS (MOUSE).//P17095
 F-HEMBB1002415
 F-HEMBB1002425//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.8e-18:55:70//HOMO SAPIENS (HUMAN).//P39194
 30 F-HEMBB1002442//LIN-10 PROTEIN.//5.1e-15:121:31//CAENORHABDITIS ELEGANS.//P34692
 F-HEMBB1002453//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.2e-32:54:75//HOMO SAPIENS (HUMAN).//P39189
 F-HEMBB1002457//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.5e-07:31:64//HOMO SAPIENS (HUMAN).//P39188
 35 F-HEMBB1002458//MALE SPECIFIC SPERM PROTEIN MST84DA.//0.92:28:53//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01642
 F-HEMBB1002477//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT).//0.0066:198:27//CRICETULUS GRISEUS (CHINESE HAMSTER).//P11414
 F-HEMBB1002489//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53).//0.030:182:28//HOMO SAPIENS (HUMAN).//Q15427
 40 F-HEMBB1002492
 F-HEMBB1002495//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/2.1e-08:41:75//HOMO SAPIENS (HUMAN).//P39192
 F-HEMBB1002502//RETROVIRUS-RELATED POL POLYPROTEIN (FRAGMENT).//0.00030:31:77//HOMO SAPIENS (HUMAN).//P12895
 45 F-HEMBB1002509
 F-HEMBB1002510
 F-HEMBB1002520//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//6.8e-36:162:50//NYCTICEBUS COUCANG (SLOW LORIS).//P08548
 50 F-HEMBB1002522//7 KD PROTEIN (ORF 4).//0.77:32:40//CHRYSANTHEMUM VIRUS B (CVB).//P37990
 F-HEMBB1002531
 F-HEMBB1002534//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/3.1e-36:80:73//HOMO SAPIENS (HUMAN).//P39195
 F-HEMBB1002545
 55 F-HEMBB1002550//HOMEBOX PROTEIN HOX-D11 (HOX-4.6) (HOX-5.5).//3.8e-05:83:34//MUS MUSCULUS (MOUSE).//P23813
 F-HEMBB1002556
 F-HEMBB1002579//SPLICING FACTOR U2AF 35 KD SUBUNIT (U2 AUXILIARY FACTOR 35 KD SUBUNIT) (U2

SNRNP AUXILIARY FACTOR SMALL SUBUNIT) (FRAGMENT).//5.0e-06:27:77//SUS SCROFA (PIG).//Q29350
F-HEMBB1002582//PROTEINASE INHIBITOR.//1.0:27:40//SOLANUM MELONGENA (EGGPLANT) (AUBER-
GINE).//P01078
5 F-HEMBB1002590//HYPOTHETICAL PROTEIN IN MMSB 3'REGION (ORF1) (FRAGMENT).//1.9e-20:90:54//
PSEUDOMONAS AERUGINOSA.//P28812
F-HEMBB1002596
F-HEMBB1002600//NOVEL ANTIGEN 2 (NAG-2).//1.9e-60:187:59//HOMO SAPIENS (HUMAN).//O14817
F-HEMBB1002601//M PROTEIN, SEROTYPE 6 PRECURSOR.//1.0:71:35//STREPTOCOCCUS PYOGENES.//
P08089
10 F-HEMBB1002603
F-HEMBB1002607//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
MENT).//0.0032:142:33//HOMO SAPIENS (HUMAN).//P10162
F-HEMBB1002610//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.0e-11:79:49//HOMO SAPIENS (HU-
MAN).//P08547
15 F-HEMBB1002613//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.9e-08:41:60//HOMO SAPIENS (HUMAN).//
P39188
F-HEMBB1002614//HYPOTHETICAL 9.5 KD PROTEIN.//1.0:40:35//VACCINIA VIRUS (STRAIN COPENHA-
GEN).//P20553
F-HEMBB1002617//INSECT TOXIN 1 (BOT IT1).//1.0:44:29//BUTHUS OCCITANUS TUNETANUS (COMMON
20 EUROPEAN SCORPION).//P55902
F-HEMBB1002623//HYPOTHETICAL 9.7 KD PROTEIN (ORF88) (PUTATIVE DNA-BINDING PROTEIN).//0.42:
31:54//BACTERIOPHAGE P4.//P12552
F-HEMBB1002635//STRESS-ACTIVATED PROTEIN KINASE JNK3 (EC 2.7.1.-) (C-JUN N-TERMINAL KINASE
3) (MAP KINASE P49 3F12).//6.2e-17:44:95//HOMO SAPIENS (HUMAN).//P53779
25 F-HEMBB1002664//SMALL NUCLEAR RIBONUCLEOPROTEIN ASSOCIATED PROTEIN B (SM-B) (SNRNP-B)
(SM11) (FRAGMENT).//1.0:57:36//RATTUS NORVEGICUS (RAT).//P17136
F-HEMBB1002677//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.9e-06:194:34//NYCTICEBUS COU-
CANG (SLOW LORIS).//P08548
F-HEMBB1002683//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.96:56:
30 35//LEMUR CATTAL (RING-TAILED LEMUR).//Q34879
F-HEMBB1002684//SILLUCIN.//1.0:16:50//RHIZOMUCOR PUSILLUS.//P02885
F-HEMBB1002686
F-HEMBB1002692
F-HEMBB1002697//HELIX-DESTABILIZING PROTEIN (SINGLE-STRANDED DNA BINDING PROTEIN) (GPV).//
35 0.57:36:38//BACTERIOPHAGE FD, BACTERIOPHAGE F1, AND BACTERIOPHAGE M13.//P03669
F-HEMBB1002699
F-HEMBB1002702
F-HEMBB1002705//HYPOTHETICAL 34.8 KD PROTEIN C4H3.04C IN CHROMOSOME I.//3.6e-40:180:37//
SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10212
40 F-HEMBB1002712
F-MAMMA1000009//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.2e-32:95:75//HOMO SAPIENS (HU-
MAN).//P39189
F-MAMMA1000019
F-MAMMA1000020//DIMETHYLANILINE MONOOXYGENASE [N-OXIDE FORMING] 5 (EC 1.14.13.8) (HEPATIC
45 FLAVIN-CONTAINING MONOOXYGENASE 5) (FMO 5) (DIMETHYLANILINE OXIDASE 5).//5.2e-12:24:100//HO-
MO SAPIENS (HUMAN).//P49326
F-MAMMA1000025//BETA-2-MICROGLOBULIN PRECURSOR.//1.0:73:26//BRACHYDANIO RERIO (ZE-
BRA FISH) (ZEBRA DANIO).//Q04475
F-MAMMA1000043//HYPOTHETICAL PXBL-I PROTEIN (FRAGMENT).//0.057:130:31//BOVINE LEUKEMIA VI-
50 RUS (JAPANESE ISOLATE BLV-1) (BLV).//P03412
F-MAMMA1000045
F-MAMMA1000055//TESTIN 2 (TES2) [CONTAINS: TESTIN 1 (TES1)].//7.5e-44:138:55//MUS MUSCULUS
(MOUSE).//P47226
F-MAMMA1000057//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.2e-39:92:69//HOMO SAPIENS (HU-
55 MAN).//P39194
F-MAMMA1000069//HYPOTHETICAL 29.3 KD PROTEIN (ORF92).//0.0044:96:34//ORGYIA PSEUDOTSUGATA
MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//O10341
F-MAMMA1000084//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//5.4e-28:94:73//HOMO SAPIENS (HU-

MAN).//P39195
 F-MAMMA1000085//PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C (EC 6.1.1.16) (CYSTEINE-
 TRNA LIGASE) (CYSRS).//6.6e-38:90:51//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09860
 F-MAMMA1000092//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//6.4e-30:43:86//HOMO SAPIENS (HU-
 5 MAN).//P39192
 F-MAMMA1000103//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.038:17:52//HOMO SAPIENS
 (HUMAN).//P22531
 F-MAMMA1000117//50S RIBOSOMAL PROTEIN L24E (HL21/HL22).//0.90:25:48//HALOARcula MARISMOR-
 TUI (HALOBACTERIUM MARISMORTUI).//P14116
 10 F-MAMMA1000129//HYPOTHETICAL BHLF1 PROTEIN.//0.0016:75:40//EPSTEIN-BARR VIRUS (STRAIN
 B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-MAMMA1000133
 F-MAMMA1000134//HYPOTHETICAL PROTEIN MJ0647.//1.0:41:41//METHANOCOCCUS JANNASCHII.//
 Q58063
 15 F-MAMMA1000139//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-3 SUBUNIT.//0.99:
 69:28//BOS TAURUS (BOVINE), AND MUS MUSCULUS (MOUSE).//P29798
 F-MAMMA1000143//CALPAIN INHIBITOR (CALPASTATIN) (FRAGMENT).//0.023:111:27//MUS MUSCULUS
 (MOUSE).//P51125
 F-MAMMA1000155//PUTATIVE CUTICLE COLLAGEN C09G5.5.//0.018:125:34//CAENORHABDITIS ELE-
 20 GANS.//Q09456
 F-MAMMA1000163//MERCURIC TRANSPORT PROTEIN PERIPLASMIC COMPONENT PRECURSOR (PERI-
 PLASMIC MERCURY ION BINDING PROTEIN) (MERCURY SCAVENGER PROTEIN).//0.11:88:25//SHEWANEL-
 LA PUTREFACIENS (PSEUDOMONAS PUTREFACIENS).//Q54463
 F-MAMMA1000171
 25 F-MAMMA1000173//DREBRIN E.//7.6e-41:197:43//HOMO SAPIENS (HUMAN).//Q16643
 F-MAMMA1000175//GAMMA-THIONIN HOMOLOG PPT PRECURSOR.//0.92:39:38//PETUNIA INTEGRIFOLIA
 (VIOLET-FLOWERED PETUNIA) (PETUNIA INFLATA).//Q40901
 F-MAMMA1000183//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//2.4e-106:249:61//HOMO SA-
 PIENS (HUMAN).//P51523
 30 F-MAMMA1000198//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.0014:35:42//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01645
 F-MAMMA1000221
 F-MAMMA1000227//6.8 KD MITOCHONDRIAL PROTEOLIPID.//1.0:30:40//MUS MUSCULUS (MOUSE).//
 P56379
 35 F-MAMMA1000241//PHOTOSYSTEM I REACTION CENTRE SUBUNIT X (PSI-K).//1.0:40:37//PORPHYRA PUR-
 PUREA.//P51370
 F-MAMMA1000251//HYPOTHETICAL 6.8 KD PROTEIN IN FIC-PPIA INTERGENIC REGION.//0.99:29:48//SAL-
 MONELLA TYPHIMURIUM.//P37771
 F-MAMMA1000254//HYPOTHETICAL 6.0 KD PROTEIN IN THI12 5'REGION.//1.0:20:50//SACCHAROMYCES
 40 CEREVISIAE (BAKER'S YEAST).//P53820
 F-MAMMA1000257//HYPOTHETICAL 50.0 KD PROTEIN IN HEML 3'REGION (ORF2).//0.22:50:44//PSEU-
 DOMONAS AERUGINOSA.//Q51470
 F-MAMMA1000264//GASTRIN-RELEASING PEPTIDE RECEPTOR (GRP-R) (GRP-PREFERRING BOMBESIN
 RECEPTOR).//0.80:39:43//HOMO SAPIENS (HUMAN).//P30550
 45 F-MAMMA1000266
 F-MAMMA1000270//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//9.5e-42:95:84//HOMO SAPIENS (HU-
 MAN).//P39189
 F-MAMMA1000277//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN].//
 0.0062:90:34//MUS MUSCULUS (MOUSE).//P28481
 50 F-MAMMA1000278//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT).//0.00096:59:33//HORDEUM VULGARE
 (BARLEY).//P17991
 F-MAMMA1000279//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//8.4e-17:56:76//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1000284//ARYL HYDROCARBON RECEPTOR NUCLEAR TRANSLOCATOR 2 (ARNT PROTEIN 2).//
 0.017:146:30//MUS MUSCULUS (MOUSE).//Q61324
 55 F-MAMMA1000287//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.5e-32:84:58//HOMO SAPIENS (HU-
 MAN).//P39189
 F-MAMMA1000302//C-HORDEIN (CLONE PC-919) (FRAGMENT).//1.0:42:33//HORDEUM VULGARE (BAR-

LEY).//P17992
 F-MAMMA1000307//PROBABLE E4 PROTEIN.//0.21:71:30//RHESUS PAPILLOMAVIRUS TYPE 1 (RHPV 1).//
 P24832
 F-MAMMA1000309//COLLAGEN ALPHA 1(VIII) CHAIN PRECURSOR (ENDOTHELIAL COLLAGEN).//0.0026:
 5 141:36//HOMO SAPIENS (HUMAN).//P27658
 F-MAMMA1000312
 F-MAMMA1000313//DNA REPAIR PROTEIN RAD51 HOMOLOG (25 KD PROTEIN) (FRAGMENT).//0.76:52:32//
 STAPHYLOCOCCUS AUREUS.//P31337
 F-MAMMA1000331
 10 F-MAMMA1000339//50S RIBOSOMAL PROTEIN L29P.//0.78:32:46//METHANOBACTERIUM THERMAUTOTROPHICUM.//Q26117
 F-MAMMA1000340//HYPOTHETICAL 29.4 KD PROTEIN IN STE6-LOS1 INTERGENIC REGION.//1.0:29:58//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36039
 F-MAMMA1000348//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//7.5e-09:63:60//HOMO SAPIENS (HUMAN).//
 15 P39188
 F-MAMMA1000356//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.3e-05:42:52//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1000360
 F-MAMMA1000361//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//4.4e-33:84:72//HOMO SAPIENS (HU-
 20 MAN).//P39189
 F-MAMMA1000372//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//6.6e-21:53:71//HOMO SAPIENS (HU-
 MAN).//P39193
 F-MAMMA1000385
 F-MAMMA1000388//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTI-
 25 VATED GLYCOPROTEIN 1 RECEPTOR) (CD134 ANTIGEN).//0.40:72:36//HOMO SAPIENS (HUMAN).//P43489
 F-MAMMA1000395//RABPHILIN-3A (FRAGMENT).//0.032:125:25//MUS MUSCULUS (MOUSE).//P47708
 F-MAMMA1000402//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//3.1e-28:266:40//HOMO SAPIENS (HU-
 MAN).//P08547
 F-MAMMA1000410//NADH-UBIQUINONE OXIDOREDUCTASE 13 KD-B SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3)
 30 (COMPLEX I-13KD-B) (CI-13KD-B) (B13).//5.9e-06:32:68//HOMO SAPIENS (HUMAN).//Q16718
 F-MAMMA1000413//RETROVIRUS-RELATED POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//6.7e-05:93:31//MUS MUSCULUS (MOUSE).//P11369
 F-MAMMA1000414
 F-MAMMA1000416//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//4.1e-28:119:53//
 35 CAENORHABDITIS ELEGANS.//Q09232
 F-MAMMA1000421//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.7e-23:68:76//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1000422//METALLOTHIONEIN (MT).//0.037:42:42//GADUS MORHUA (ATLANTIC COD).//P51902
 F-MAMMA1000423
 40 F-MAMMA1000424//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//0.048:23:73//HOMO SAPIENS (HUMAN).//
 P39189
 F-MAMMA1000429//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS5.//2.7e-05:110:30//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q92331
 F-MAMMA1000431//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//9.4e-15:85:58//HOMO SAPIENS (HU-
 45 MAN).//P39194
 F-MAMMA1000444//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//4.3e-25:65:76//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1000446//ZYXIN.//0.79:155:29//GALLUS GALLUS (CHICKEN).//Q04584
 F-MAMMA1000458//HYPOTHETICAL 37.7 KD PROTEIN C18B11.06 IN CHROMOSOME I.//0.0048:46:43//
 50 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09713
 F-MAMMA1000468//PERIOD CLOCK PROTEIN (FRAGMENT).//0.50:20:55//DROSOPHILA ROBUSTA (FRUIT
 FLY).//Q03296
 F-MAMMA1000472//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.5e-17:106:55//HOMO SAPIENS (HUMAN).//
 P39188
 55 F-MAMMA1000478//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//3.9e-35:80:68//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1000483//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//2.8e-24:74:77//HOMO SAPIENS (HU-
 MAN).//P39193

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F-MAMMA1000490//TYROSINE-PROTEIN KINASE TXK (EC 2.7.1.112) (PTK-RL-18) (RESTING LYMPHOCYTE KINASE)//0.43:21:57//MUS MUSCULUS (MOUSE)//P42682
F-MAMMA1000500//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN)//0.61:33:54//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (Z2/CDC-Z34 ISOLATE) (HIV-1)//P12506
5 F-MAMMA1000501//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.1e-32:43:83//HOMO SAPIENS (HUMAN)//P39194
F-MAMMA1000516
F-MAMMA1000522//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.0015:113:32//HOMO SAPIENS (HUMAN)//P08547
10 F-MAMMA1000524//HYPOTHETICAL HOST RANGE 8.5 KD PROTEIN//1.0:63:31//VACCINIA VIRUS (STRAIN WR)//P17359
F-MAMMA1000559//METALLOTHIONEIN-I (MT-I) (MT-IB/MT-IA)//0.31:16:50//CALLINECTES SAPIDUS (BLUE CRAB)//P55949
F-MAMMA1000565//FERREDOXIN-TYPE PROTEIN NAPF//0.98:37:35//ESCHERICHIA COLI//P33939
15 F-MAMMA1000567//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.5e-37:95:76//HOMO SAPIENS (HUMAN)//P39195
F-MAMMA1000576//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/4.1e-07:34:64//HOMO SAPIENS (HUMAN)//P39191
F-MAMMA1000583
20 F-MAMMA1000585//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.5e-28:89:75//HOMO SAPIENS (HUMAN)//P39194
F-MAMMA1000594//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.8e-24:38:71//HOMO SAPIENS (HUMAN)//P39195
F-MAMMA1000597//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.1e-25:74:77//HOMO SAPIENS (HUMAN)//P39195
25 F-MAMMA1000605//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.1e-18:83:50//HOMO SAPIENS (HUMAN)//P39195
F-MAMMA1000612//HYPOTHETICAL 34.0 KD TRP-ASP REPEATS CONTAINING PROTEIN IN SIS1-MRPL2 INTERGENIC REGION//4.0e-42:166:48//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P41318
30 F-MAMMA1000616
F-MAMMA1000621
F-MAMMA1000623//METALLOTHIONEIN-IK (MT-1K)//0.0045:25:48//HOMO SAPIENS (HUMAN)//P80296
F-MAMMA1000625//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.00078:79:35//MUS MUSCULUS (MOUSE)//P05143
35 F-MAMMA1000643//HYPOTHETICAL 9.3 KD PROTEIN//1.0:25:28//MAGUARI VIRUS//P16607
F-MAMMA1000664
F-MAMMA1000669//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//4.2e-05:186:30//HOMO SAPIENS (HUMAN)//P08547
F-MAMMA1000670//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//1.6e-06:195:30//MUS MUSCULUS (MOUSE)//P05143
40 F-MAMMA1000672//VITELLOGENIC CARBOXYPEPTIDASE PRECURSOR (EC 3.4.16.-)//3.8e-28:184:35//AEDES AEGYPTI (YELLOW FEVER MOSQUITO)//P42660
F-MAMMA1000684//DNA-BINDING PROTEIN (VMW21)//1.1e-07:55:56//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN 17)//P04487
45 F-MAMMA1000696//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.2e-31:97:74//HOMO SAPIENS (HUMAN)//P39194
F-MAMMA1000707//METALLOTHIONEIN-II (MT-II) (MT-IIB/MT-IIA)//0.31:19:42//CALLINECTES SAPIDUS (BLUE CRAB)//P55950
F-MAMMA1000713//XYLULOSE KINASE (EC 2.7.1.17) (XYLULOKINASE)//1.6e-05:88:35//LACTOBACILLUS PENTOSUS//P21939
50 F-MAMMA1000714//PROTEIN-LYSINE 6-OXIDASE PRECURSOR (EC 1.4.3.13) (LYSYL OXIDASE)//0.44:126:30//RATTUS NORVEGICUS (RAT)//P16636
F-MAMMA1000718//METALLOTHIONEIN-III (MT-2E)//1.0:51:31//ORYCTOLAGUS CUNICULUS (RABBIT)//P80292
55 F-MAMMA1000720//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.3e-28:60:71//HOMO SAPIENS (HUMAN)//P39193
F-MAMMA1000723//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.7e-14:63:53//HOMO SAPIENS (HUMAN)//P08547

F-MAMMA1000731//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 2 (CHD-2)//1.8e-43:258:43//HO-
 MO SAPIENS (HUMAN)//O14647
 F-MAMMA1000732//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/9.9e-12:76:55//HOMO SAPIENS (HUMAN)//
 P39188
 5 F-MAMMA1000733
 F-MAMMA1000734//NPL1 PROTEIN (SEC63 PROTEIN)//2.5e-18:181:39//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P14906
 F-MAMMA1000738//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I//5.4e-52:196:58//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P87115
 10 F-MAMMA1000744//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!!/6.3e-36:144:47//HOMO SAPIENS (HU-
 MAN)//P39190
 F-MAMMA1000746
 F-MAMMA1000752
 F-MAMMA1000760//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/6.6e-29:75:72//HOMO SAPIENS (HU-
 15 MAN)//P39195
 F-MAMMA1000761//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.6e-09:59:64//HOMO SAPIENS (HU-
 MAN)//P39194
 F-MAMMA1000775
 F-MAMMA1000776//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/3.3e-35:99:74//HOMO SAPIENS (HU-
 20 MAN)//P39193
 F-MAMMA1000778//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.1e-19:65:70//HOMO SAPIENS (HU-
 MAN)//P39195
 F-MAMMA1000782
 F-MAMMA1000798//HYPOTHETICAL PROTEIN ORF-1137//0.015:59:37//MUS MUSCULUS (MOUSE)//
 25 P11260
 F-MAMMA1000802//MYOSIN IC HEAVY CHAIN//0.35:94:41//ACANTHAMOEBA CASTELLANII (AMOEBA)//
 P10569
 F-MAMMA1000824//ACTIN 1//0.046:60:31//ZEA MAYS (MAIZE)//P02582
 F-MAMMA1000831//PROBABLE NI/FE-HYDROGENASE 1 B-TYPE CYTOCHROME SUBUNIT//1.0:30:46//ES-
 30 CHERICHIA COLI//P19929
 F-MAMMA1000839//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-28:80:58//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1000841//PUTATIVE AMIDASE (EC 3.5.1.4)//1.5e-39:130:36//METHANOBACTERIUM THERMOAU-
 TOTROPHICUM//O27540
 35 F-MAMMA1000842//C-HORDEIN (CLONE PC-919) (FRAGMENT)//0.064:43:41//HORDEUM VULGARE (BAR-
 LEY)//P17992
 F-MAMMA1000843
 F-MAMMA1000845//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 2 (EC 1.6.5.3)//0.43:58:34//DROSOPHI-
 LA YAKUBA (FRUIT FLY)//P03895
 40 F-MAMMA1000851//CUTICLE COLLAGEN 34//0.019:107:29//CAENORHABDITIS ELEGANS//P34687
 F-MAMMA1000855//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66)//0.00098:149:32//HOMO
 SAPIENS (HUMAN)//Q15428
 F-MAMMA1000856//METALLOTHIONEIN (MT)//0.63:39:41//POTAMON POTAMIOS//P55952
 F-MAMMA1000859//GLYCOPROTEIN X PRECURSOR//0.014:192:28//EQUINE HERPESVIRUS TYPE 1
 45 (STRAIN AB4P) (EHV-1)//P28968
 F-MAMMA1000862//DISINTEGRIN KISTRIN (PLATELET AGGREGATION ACTIVATION INHIBITOR)//1.0:66:
 27//AGKISTRODON RHODOSTOMA (MALAYAN PIT VIPER) (CALLOSELASMA RHODOSTOMA)//P17494
 F-MAMMA1000863//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.4e-16:41:68//HOMO SAPIENS (HUMAN)//
 P39188
 50 F-MAMMA1000865//SALIVARY PROUNE-RICH PROTEIN II-1 (FRAGMENT)//0.030:100:32//HOMO SAPIENS
 (HUMAN)//P81489
 F-MAMMA1000867//APTOTOXIN IX (PARALYTIC PEPTIDE IX) (PP IX)//0.98:43:32//APTOSTICHUS SCHLIN-
 GERI (TRAP-DOOR SPIDER)//P49272
 F-MAMMA1000875//PROLINE-RICH PEPTIDE P-B//0.18:21:47//HOMO SAPIENS (HUMAN)//P02814
 55 F-MAMMA1000876//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.5e-22:85:71//HOMO SAPIENS (HU-
 MAN)//P39189
 F-MAMMA1000877//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.2e-38:62:74//HOMO SAPIENS (HUMAN)//
 P39188

F-MAMMA1000880//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.49:79:32//BOS TAURUS (BOVINE)//
 P25508
 F-MAMMA1000883//HYPOTHETICAL 6.1 KD PROTEIN C03B1.10 IN CHROMOSOME X//0.87:15:60//
 CAENORHABDITIS ELEGANS//Q11116
 5 F-MAMMA1000897//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H4 PRECURSOR (ITI HEAVY CHAIN
 H4) (INTER-ALPHA-TRYPSIN INHIBITOR FAMILY HEAVY CHAIN-RELATED PROTEIN) (PLASMA KALLIKREIN
 SENSITIVE GLYCOPROTEIN 120) (PK-120)//5.3e-17:130:40//HOMO SAPIENS (HUMAN)//Q14624
 F-MAMMA1000905
 F-MAMMA1000906
 10 F-MAMMA1000908//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//8.0e-17:70:62//HOMO SAPIENS (HU-
 MAN)//P08547
 F-MAMMA1000914//HYPOTHETICAL 6.2 KD PROTEIN//0.97:36:36//THERMOPROTEUS TENAX VIRUS 1
 (STRAIN KRA1) (TTV1)//P19299
 F-MAMMA1000921
 15 F-MAMMA1000931//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.6e-10:49:65//HOMO SAPIENS (HUMAN)//
 P39188
 F-MAMMA1000940//MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L32//0.42:22:54//RECLINOMONAS
 AMERICANA//O21281
 F-MAMMA1000941//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.3e-25:55:69//HOMO SAPIENS (HUMAN)//
 20 P39188
 F-MAMMA1000942//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.3e-08:36:75//HOMO SAPIENS (HU-
 MAN)//P39194
 F-MAMMA1000943
 F-MAMMA1000956//SMALL HISTIDINE-ALANINE-RICH PROTEIN PRECURSOR (SHARP) (ANTIGEN 57)//
 25 0.041:122:25//PLASMODIUM FALCIPARUM (ISOLATE FC27 / PAPUA NEW GUINEA)//P04930
 F-MAMMA1000957//HEAT-STABLE ENTEROTOXIN A2 PRECURSOR (STA2)//0.024:37:37//ESCHERICHIA
 COLI//Q47185
 F-MAMMA1000962//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/6.0e-39:61:78//HOMO SAPIENS (HU-
 MAN)//P39189
 30 F-MAMMA1000968//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/0.0054:29:72//HOMO SAPIENS (HUMAN)//
 P39194
 F-MAMMA1000975//CUTICLE COLLAGEN DPY-2 PRECURSOR//1.0:93:30//CAENORHABDITIS ELEGANS//
 P35799
 F-MAMMA1000979//PROLINE-RICH PEPTIDE P-B//0.012:12:66//HOMO SAPIENS (HUMAN)//P02814
 35 F-MAMMA1000987//HYPOTHETICAL PROTEIN LAMBDA-SP34//1.0:47:40//MUS MUSCULUS (MOUSE)//
 P15973
 F-MAMMA1000998
 F-MAMMA1001003//PROBABLE E5 PROTEIN//1.0:52:42//HUMAN PAPILLOMAVIRUS TYPE 33//P06426
 F-MAMMA1001008//PROGASTRICIN PRECURSOR (EC 3.4.23.3) (PEPSINOGEN C) (FRAGMENT)//3.2e-14:
 40 131:35//MACACA FUSCATA FUSCATA (JAPANESE MACAQUE)//P03955
 F-MAMMA1001021//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556//0.016:61:42//STREPTO-
 MYCES FRADIAE//P20186
 F-MAMMA1001024
 45 F-MAMMA1001030//LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR (LH/CG-R) (LSH-R)
 (LUTEINIZING HORMONE RECEPTOR) (FRAGMENT)//2.4e-20:234:29//GALLUS GALLUS (CHICKEN)//
 Q90674
 F-MAMMA1001035//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.7e-15:52:78//HOMO SAPIENS (HU-
 MAN)//P39193
 F-MAMMA1001038//NEUROTOXIN II (TOXIN RP-II) (SODIUM CHANNEL TOXIN II)//0.53:25:48//RADIANTHUS
 50 PAUMOTENSIS (SEA ANEMONE) (HETERACTIS PAUMOTENSIS)//P01534
 F-MAMMA1001041//SPECTRIN BETA CHAIN, ERYTHROCYTE//6.3e-18:112:43//MUS MUSCULUS
 (MOUSE)//P15508
 F-MAMMA1001050
 F-MAMMA1001059//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06//1.3e-34:187:47//SCHIZOSAC-
 55 CHAROMYCES POMBE (FISSION YEAST)//Q09747
 F-MAMMA1001067//PROTEIN Q300//0.36:12:75//MUS MUSCULUS (MOUSE)//Q02722
 F-MAMMA1001073//HEPATOCYTE NUCLEAR FACTOR 3 FORKHEAD HOMOLOG 1 (HFH-1)//1.0:70:37//RAT-
 TUS NORVEGICUS (RAT)//Q63244

F-MAMMA1001074//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.00067:163:32//HOMO SAPIENS (HUMAN).//P08547
 F-MAMMA1001075//RETINOBLASTOMA BINDING PROTEIN 1 (RBBP-1).//0.53:72:34//HOMO SAPIENS (HUMAN).//P29374
 5 F-MAMMA1001078//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.0e-79:184:73//HOMO SAPIENS (HUMAN).//P08547
 F-MAMMA1001080//IG HEAVY CHAIN PRECURSOR V-III REGION (VH26).//1.7e-27:82:71//HOMO SAPIENS (HUMAN).//P01764
 F-MAMMA1001082
 10 F-MAMMA1001091//HYPOTHETICAL BHLF1 PROTEIN.//3.1e-05:198:32//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-MAMMA1001092//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.1e-21:65:72//HOMO SAPIENS (HUMAN).//P08547
 F-MAMMA1001105//OVO PROTEIN (SHAVEN BABY PROTEIN).//1.0e-18:68:48//DROSOPHILA MELANOGASTER (FRUIT FLY).//P51521
 15 F-MAMMA1001110//PROCOLLAGEN ALPHA 1(IV) CHAIN PRECURSOR.//0.080:108:37//MUS MUSCULUS (MOUSE).//P02463
 F-MAMMA1001126//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.3e-07:66:45//HOMO SAPIENS (HUMAN).//P39189
 20 F-MAMMA1001133//HYPOTHETICAL 13.2 KD PROTEIN IN RPS4A-BAT2 INTERGENIC REGION.//0.96:43:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47174
 F-MAMMA1001139//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II.//5.4e-42:81:62//CAENORHABDITIS ELEGANS.//Q09201
 F-MAMMA1001143//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00014:36:66//HOMO SAPIENS (HUMAN).//P39188
 25 F-MAMMA1001145
 F-MAMMA1001154//CSBA PROTEIN.//1.0:39:38//BACILLUS SUBTILIS.//P37953
 F-MAMMA1001161//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//5.2e-23:53:64//HOMO SAPIENS (HUMAN).//P39188
 30 F-MAMMA1001162//CD27L RECEPTOR PRECURSOR (T-CELL ACTIVATION ANTIGEN CD27).//0.69:86:31//MUS MUSCULUS (MOUSE).//P41272
 F-MAMMA1001181//HYPOTHETICAL 81.0 KD PROTEIN C35D10.4 IN CHROMOSOME III.//0.00010:74:47//CAENORHABDITIS ELEGANS.//Q18486
 F-MAMMA1001186//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//9.0e-32:44:86//HOMO SAPIENS (HUMAN).//P39194
 35 F-MAMMA1001191//OCTAMER-BINDING TRANSCRIPTION FACTOR 1 (OTF-1) (NF-A1) (FRAGMENT).//0.096:40:40//MACROPUS EUGENII (TAMMAR WALLABY).//Q28466
 F-MAMMA1001198//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN EPS15) (AF-1P PROTEIN).//2.5e-75:204:70//HOMO SAPIENS (HUMAN).//P42566
 40 F-MAMMA1001202//METALLOTHIONEIN-II (MT-II) (MT-IIB/MT-IIA).//0.52:46:32//CALLINECTES SAPIDUS (BLUE CRAB).//P55950
 F-MAMMA1001203//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//7.3e-11:82:58//HOMO SAPIENS (HUMAN).//P39192
 F-MAMMA1001206//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.9e-17:67:71//HOMO SAPIENS (HUMAN).//P39188
 45 F-MAMMA1001215//9 KD PROTEIN.//1.0:51:33//HOMO SAPIENS (HUMAN).//P13994
 F-MAMMA1001220//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//3.4e-37:55:87//HOMO SAPIENS (HUMAN).//P39189
 F-MAMMA1001222//HYPOTHETICAL 73.6 KD PROTEIN CY49.21.//3.7e-06:168:38//MYCOBACTERIUM TUBERCULOSIS.//Q10690
 50 F-MAMMA1001243
 F-MAMMA1001244//TRP OPERON LEADER PEPTIDE.//1.0:18:55//SERRATIA MARCESCENS.//P03055
 F-MAMMA1001249//HYPOTHETICAL 7.2 KD PROTEIN IN RPS2 3'REGION (ORF57).//0.57:23:34//ASTASIA LONGA (EUGLENOPHYCEAN ALGA).//P34774
 55 F-MAMMA1001256//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.3e-07:79:44//HOMO SAPIENS (HUMAN).//P39188
 F-MAMMA1001259//PUTATIVE DNA HELICASE II HOMOLOG (EC 3.6.1.-).//0.046:86:32//MYCOPLASMA GENITALIUM.//P47486

F-MAMMA1001260//MYOSIN HEAVY CHAIN, PERINATAL SKELETAL MUSCLE.//2.7e-05:219:27//HOMO SAPI-
 ENS (HUMAN).//P13535
 F-MAMMA1001268//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.7e-27:89:67//HOMO SAPIENS (HU-
 MAN).//P08547
 5 F-MAMMA1001271//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//4.0e-06:126:
 38//HOMO SAPIENS (HUMAN).//P54259
 F-MAMMA1001274/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!//7.4e-29:57:66//HOMO SAPIENS (HU-
 MAN).//P39194
 10 F-MAMMA1001280//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17).//0.27:24:54//ESCHERICHIA CO-
 LI.//P05834
 F-MAMMA1001292//HYPOTHETICAL PROTEIN KIAA0176 (FRAGMENT).//1.3e-73:208:69//HOMO SAPIENS
 (HUMAN).//Q14681
 F-MAMMA1001296/////ALU SUBFAMILY SP WARNING ENTRY !!!!!//6.9e-22:41:80//HOMO SAPIENS (HU-
 MAN).//P39193
 15 F-MAMMA1001298//HYPOTHETICAL PROTEIN HI0371.//0.99:29:37//HAEMOPHILUS INFLUENZAE.//P44668
 F-MAMMA1001305//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL GTPASE PROTEIN
 ACTIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//9.9e-62:222:54//HOMO SAPIENS
 (HUMAN).//Q07960
 F-MAMMA1001322//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//2.1e-09:46:60//HOMO SAPI-
 20 ENS (HUMAN).//P20931
 F-MAMMA1001324//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); RIBONUCLEASE H (EC 3.1.26.4)].//2.5e-43:128:50//FRIEND MURINE LEUKEMIA VIRUS (ISO-
 LATE PVC-211) (F-MULV).//P26808
 F-MAMMA1001330//HEMOGLOBIN ZETA CHAIN (FRAGMENTS).//0.30:51:37//MACROPUS EUGENII (TAM-
 25 MAR WALLABY).//P81044
 F-MAMMA1001341//TRISTETRAPROLINE (TTP) (TIS11A) (TIS11) (ZFP-36) (GROWTH FACTOR- INDUCIBLE
 NUCLEAR PROTEIN NUP475).//0.024:89:39//HOMO SAPIENS (HUMAN).//P26651
 F-MAMMA1001343//PROBABLE E5 PROTEIN.//0.60:64:29//HUMAN PAPILLOMAVIRUS TYPE 16.//P06927
 F-MAMMA1001346//PROTEINASE INHIBITOR IIB (FRAGMENTS).//0.97:33:45//SOLANUM TUBEROSUM (PO-
 30 TATO).//P01082
 F-MAMMA1001383/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.2e-30:86:77//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1001388//LEUCINE-RICH ALPHA-2-GLYCOPROTEIN (LRG).//9.2e-91:195:92//HOMO SAPIENS
 (HUMAN).//P02750
 35 F-MAMMA1001397/////ALU SUBFAMILY J WARNING ENTRY !!!!!//3.5e-19:55:69//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1001408//SALIVARY GLUE PROTEIN SGS-7 PRECURSOR.//0.60:45:35//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P02841
 F-MAMMA1001411//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 40 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//5.8e-06:153:26//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P08640
 F-MAMMA1001419/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.3e-16:99:51//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1001420/////ALU SUBFAMILY SB1 WARNING ENTRY !!!!!//0.0018:23:65//HOMO SAPIENS (HU-
 45 MAN).//P39190
 F-MAMMA1001435/////ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.7e-22:60:58//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1001442
 F-MAMMA1001446/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.2e-23:48:75//HOMO SAPIENS (HU-
 50 MAN).//P39194
 F-MAMMA1001452//GENE 35 PROTEIN (GP35).//0.61:31:45//MYCOBACTERIOPHAGE L5.//Q05245
 F-MAMMA1001465//HYPOTHETICAL PROTEIN E-115.//0.0026:68:38//HUMAN ADENOVIRUS TYPE 2.//
 P03290
 F-MAMMA1001476//URIDINE KINASE (EC 2.7.1.48) (URIDINE MONOPHOSPHOKINASE) (FRAGMENT).//
 55 3.7e-94:201:92//MUS MUSCULUS (MOUSE).//P52623
 F-MAMMA1001487//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.6e-16:89:41//NYCTICEBUS COU-
 CANG (SLOW LORIS).//P08548
 F-MAMMA1001501//CALPAIN 1, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEU-

TRAL PROTEINASE) (CANP) (MU-TYPE).//6.2e-59:86:97//HOMO SAPIENS (HUMAN).//P07384
 F-MAMMA1001502//HYPOTHETICAL 11.4 KD PROTEIN (ORF1).//0.21:79:30//STREPTOMYCES FRADIAE.//
 P26800
 F-MAMMA1001510
 5 F-MAMMA1001522//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.67:98:31//STREPTO-
 MYCES FRADIAE.//P20186
 F-MAMMA1001547//PROBABLE MOLYBDENUM-PTERIN BINDING PROTEIN.//0.97:35:42//HAEMOPHILUS
 INFLUENZAE.//P45183
 F-MAMMA1001551//HYPOTHETICAL PROTEIN MJ0458.1.//0.038:31:41//METHANOCOCCUS JANNASCHII.//
 10 P81308
 F-MAMMA1001575
 F-MAMMA1001576//TUBULIN GAMMA CHAIN.//1.6e-86:162:99//XENOPUS LAEVIS (AFRICAN CLAWED
 FROG).//P23330
 F-MAMMA1001590//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.0035:38:55//HOMO SAPIENS (HUMAN).//
 15 P39195
 F-MAMMA1001600//CONNECTIVE TISSUE GROWTH FACTOR PRECURSOR.//0.85:53:33//HOMO SAPIENS
 (HUMAN).//P29279
 F-MAMMA1001604//HYPOTHETICAL 11.1 KD PROTEIN C30D11.02C IN CHROMOSOME I.//0.14:82:29//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09902
 20 F-MAMMA1001606//HIGH MOBILITY GROUP PROTEIN HMGI-C.//8.2e-05:77:37//HOMO SAPIENS (HUMAN).//
 P52926
 F-MAMMA1001620//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//5.5e-05:24:66//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1001627//CUTICLE COLLAGEN 40.//0.82:131:31//CAENORHABDITIS ELEGANS.//P34804
 25 F-MAMMA1001630//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//8.6e-26:57:78//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1001633//ZINC FINGER PROTEIN 165.//6.9e-38:160:55//HOMO SAPIENS (HUMAN).//P49910
 F-MAMMA1001635
 F-MAMMA1001649//SPERM PROTAMINE P1.//0.39:31:41//TACHYGLOSSUS ACULEATUS ACULEATUS (AUS-
 30 TRALIAN ECHIDNA).//P35311
 F-MAMMA1001654//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE- PRO-
 TEIN KINASE 1).//5.6e-06:99:28//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P18160
 F-MAMMA1001663//VERY HYPOTHETICAL XYLU PROTEIN.//0.99:27:37//ESCHERICHIA COLI.//P05056
 F-MAMMA1001670//CUTICLE COLLAGEN 1.//0.033:97:37//CAENORHABDITIS ELEGANS.//P08124
 35 F-MAMMA1001671
 F-MAMMA1001679//PROCOLLAGEN ALPHA 2(IV) CHAIN PRECURSOR.//0.92:32:50//HOMO SAPIENS (HU-
 MAN).//P08572
 F-MAMMA1001683//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.00026:147:34//STREP-
 TOMYCES FRADIAE.//P20186
 40 F-MAMMA1001686
 F-MAMMA1001692//SMALL HYDROPHOBIC PROTEIN (SMALL PROTEIN 1A).//1.0:34:26//BOVINE RESPIRA-
 TORY SYNCYTIAL VIRUS (STRAIN A51908) (BRS).//P24616
 F-MAMMA1001711//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.1e-28:56:69//HOMO SAPIENS (HU-
 MAN).//P39194
 45 F-MAMMA1001715//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.6e-08:39:71//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1001730//METALLOTHIONEIN-B (MTB).//1.0:17:64//STRONGYLOCENTROTUS PURPURATUS
 (PURPLE SEA URCHIN).//Q27287
 F-MAMMA1001735//TUBULIN BETA-5 CHAIN (CLASS-V).//5.1e-121:213:97//GALLUS GALLUS (CHICKEN).//
 50 P09653
 F-MAMMA1001740
 F-MAMMA1001743//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.3e-09:100:42//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1001744//POU DOMAIN PROTEIN 2.//0.97:59:38//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA
 55 DANIO).//Q90270
 F-MAMMA1001745//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.1e-43:199:42//HOMO SAPIENS (HU-
 MAN).//P08547
 F-MAMMA1001751//TWK-8 PROTEIN.//2.9e-15:77:36//CAENORHABDITIS ELEGANS.//P34410

F-MAMMA1001754//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.019:20:45//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01645
 F-MAMMA1001757//HYPOTHETICAL 9.2 KD PROTEIN IN RNPA 3'REGION.//0.94:30:43//PSEUDOMONAS PUTIDA.//P25753
 5 F-MAMMA1001760//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/4.6e-34:103:59//HOMO SAPIENS (HUMAN).//P39191
 F-MAMMA1001764
 F-MAMMA1001768//HYPOTHETICAL PROTEIN UL61.//0.042:167:33//HUMAN CYTOMEGALOVIRUS (STRAIN AD169).//P16818
 10 F-MAMMA1001769//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.0e-29:97:69//HOMO SAPIENS (HUMAN).//P39194
 F-MAMMA1001771//TRANSMEMBRANE PROTEIN SEX PRECURSOR.//3.3e-09:123:32//HOMO SAPIENS (HUMAN).//P51805
 F-MAMMA1001783//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-09:55:61//HOMO SAPIENS (HUMAN).//P39188
 15 F-MAMMA1001785//RAS-RELATED PROTEIN RABC.//1.9e-06:120:25//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P34143
 F-MAMMA1001788//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//9.3e-29:46:76//HOMO SAPIENS (HUMAN).//P08547
 20 F-MAMMA1001790//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.7e-24:69:69//HOMO SAPIENS (HUMAN).//P39188
 F-MAMMA1001806//HYPOTHETICAL 21.2 KD PROTEIN IN TOR2-MNN4 INTERGENIC REGION.//0.95:58:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36042
 F-MAMMA1001812//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/8.8e-12:53:69//HOMO SAPIENS (HUMAN).//P39195
 25 F-MAMMA1001815//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.11:30:70//HOMO SAPIENS (HUMAN).//P08547
 F-MAMMA1001817//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.9e-16:86:55//HOMO SAPIENS (HUMAN).//P39188
 30 F-MAMMA1001818
 F-MAMMA1001820//VITTELLINE MEMBRANE PROTEIN VM26AB PRECURSOR (PROTEIN TU-4) (PROTEIN SV23).//0.0030:63:42//DROSOPHILA MELANOGASTER (FRUIT FLY).//P13238
 F-MAMMA1001824//APTOTOXIN VII (PARALYTIC PEPTIDE VII) (PP VII).//0.99:26:34//APTOSTICHUS SCHLINGERI (TRAP-DOOR SPIDER).//P49271
 35 F-MAMMA1001836//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.6e-35:77:88//HOMO SAPIENS (HUMAN).//P39195
 F-MAMMA1001837//ZINC FINGER PROTEIN 191.//1.3e-27:106:58//HOMO SAPIENS (HUMAN).//O14754
 F-MAMMA1001848//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.0e-19:92:58//HOMO SAPIENS (HUMAN).//P39188
 40 F-MAMMA1001851
 F-MAMMA1001854
 F-MAMMA1001858//ISOTOCIN-NEUROPHYSIN IT 1 PRECURSOR.//0.93:42:38//CATOSTOMUS COMMERSONI (WHITE SUCKER).//P15210
 F-MAMMA1001864//PROBABLE ABC TRANSPORTER PERMEASE PROTEIN MG189.//0.77:161:27//MYCOPLASMA GENITALIUM.//P47435
 45 F-MAMMA1001868//FK506-BINDING NUCLEAR PROTEIN (PEPTIDYL-PROLYL CIS-TRANS ISOMERASE) (PPIASE) (EC 5.2.1.8) (PROLINE ROTAMASE) (NUCLEOLAR PROLINE ISOMERASE) (FKBP-70).//0.00013:219:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38911
 F-MAMMA1001874//SPERM HISTONE P2 PRECURSOR (PROTAMINE MP2).//0.0075:76:31//MUS MUSCULUS (MOUSE).//P07978
 50 F-MAMMA1001878//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN (CLONE W10-1) (FRAGMENT).//0.020:10:80//LYCOPERSICON ESCULENTUM (TOMATO).//Q01157
 F-MAMMA1001880
 F-MAMMA1001890//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/5.1e-34:56:83//HOMO SAPIENS (HUMAN).//P39192
 55 F-MAMMA1001907//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.7e-12:44:68//HOMO SAPIENS (HUMAN).//P39194
 F-MAMMA1001908//HYPOTHETICAL 16.2 KD PROTEIN IN PRP24-RRN9 INTERGENIC REGION.//0.00013:77:

37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q03525
 F-MAMMA1001931//HYPOTHETICAL 118.2 KD PROTEIN F43C1.1 IN CHROMOSOME III.//0.41:106:29//
 CAENORHABDITIS ELEGANS.//Q09564
 F-MAMMA1001956//OCTAPEPTIDE-REPEAT PROTEIN T2.//0.00053:149:30//MUS MUSCULUS (MOUSE).//
 5 Q06666
 F-MAMMA1001963//HYPOTHETICAL PROTEIN IN NAC 5'REGION (ORF X) (FRAGMENT).//1.0:46:28//KLEB-
 SIELLA AEROGENES.//Q08600
 F-MAMMA1001969//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.7e-34:97:68//HOMO SAPIENS (HU-
 MAN).//P08547
 10 F-MAMMA1001970//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//6.2e-07:67:37//HOMO SAPIENS (HU-
 MAN).//P08547
 F-MAMMA1001992//PROTEIN Q300.//0.53:14:71//MUS MUSCULUS (MOUSE).//Q02722
 F-MAMMA1002009//PROBABLE E5 PROTEIN.//0.17:56:32//HUMAN PAPILLOMAVIRUS TYPE 31.//P17385
 F-MAMMA1002011//MYRISTOYLATED ALANINE-RICH C-KINASE SUBSTRATE (MARCKS) (PROTEIN KINASE
 15 C SUBSTRATE, 80 KD PROTEIN, LIGHT CHAIN) (PKCSL) (80K-L PROTEIN).//1.0:100:31//HOMO SAPIENS
 (HUMAN).//P29966
 F-MAMMA1002032//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.1e-21:86:65//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002033//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//8.5e-20:67:58//HOMO SAPIENS (HUMAN).//
 20 P39188
 F-MAMMA1002041//MALE SPECIFIC SPERM PROTEIN MST84DC.//1.0:17:52//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01644
 F-MAMMA1002042//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//0.19:45:46//HOMO SAPIENS (HUMAN).//
 P39192
 25 F-MAMMA1002047//TYROSINE AMINOTRANSFERASE (EC 2.6.1.5) (L-TYROSINE:2-OXOGLUTARATE AMI-
 NOTRANSFERASE) (TAT).//0.0017:50:46//RATTUS NORVEGICUS (RAT).//P04694
 F-MAMMA1002056//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.2e-37:70:77//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1002058//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.1e-08:26:76//HOMO SAPIENS (HUMAN).//
 30 P39188
 F-MAMMA1002068//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//2.0e-11:78:46//HOMO SAPIENS (HU-
 MAN).//P08547
 F-MAMMA1002078//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.96:26:46//COTURNIX COTURNIX
 JAPONICA (JAPANESE QUAIL).//P50682
 35 F-MAMMA1002082//SUPPRESSOR PROTEIN SRP40.//0.23:95:32//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P32583
 F-MAMMA1002084//HYPOTHETICAL 7.5 KD PROTEIN.//1.0:40:35//VACCINIA VIRUS (STRAIN COPENHA-
 GEN).//P20520
 F-MAMMA1002093
 40 F-MAMMA1002108//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.00079:143:33//STREP-
 TOMYCES FRADIAE.//P20186
 F-MAMMA1002118//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:43:34//METRIDIDIUM SENILE
 (BROWN SEA ANEMONE) (FRILLED SEA ANEMONE).//O47493
 F-MAMMA1002125//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.9e-14:60:68//HOMO SAPIENS (HU-
 45 MAN).//P39192
 F-MAMMA1002132
 F-MAMMA1002140//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.4e-24:69:65//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002143//SERUM PROTEIN MSE55.//2.1e-16:166:43//HOMO SAPIENS (HUMAN).//Q00587
 50 F-MAMMA1002145//36.4 KD PROLINE-RICH PROTEIN.//0.00014:84:29//LYCOPERSICON ESCULENTUM (TO-
 MATO).//Q00451
 F-MAMMA1002153
 F-MAMMA1002155
 F-MAMMA1002156//METALLOPROTEINASE INHIBITOR PRECURSOR.//0.90:58:34//STREPTOMYCES NI-
 55 GRESCENS.//P01077
 F-MAMMA1002158
 F-MAMMA1002170//40S RIBOSOMAL PROTEIN S2 (S4) (LLREP3 PROTEIN).//6.0e-66:157:70//HOMO SAPI-
 ENS (HUMAN).//P15880

EP 1 074 617 A2

F-MAMMA1002174//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.5e-25:56:64//HOMO SAPIENS (HUMAN)//P39188

F-MAMMA1002198//THIOREDOXIN PEROXIDASE 1 (THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE 1) (THIOL-SPECIFIC ANTIOXIDANT PROTEIN) (TSA) (PRP) (NATURAL KILLER CELL ENHANCING FACTOR B) (NKEF-B)//9.0e-09:28:100//HOMO SAPIENS (HUMAN)//P32119

5 F-MAMMA1002209//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135) (TAFII-130) (TAFII130)//0.0023:132:33//HOMO SAPIENS (HUMAN)//O00268

F-MAMMA1002215//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//0.00032:68:35//HOMO SAPIENS (HUMAN)//P02452

10 F-MAMMA1002219//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1//0.0079:224:24//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P25386

F-MAMMA1002230

F-MAMMA1002236//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR)//1.4e-118:151:94//RATTUS NORVEGICUS (RAT)//P70541

15 F-MAMMA1002243//WISKOTT-ALDRICH SYNDROME PROTEIN HOMOLOG (WASP)//0.028:112:33//MUS MUSCULUS (MOUSE)//P70315

F-MAMMA1002250//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11)//0.0012:80:32//ORYCTOLAGUS CUNICULUS (RABBIT)//P06333

F-MAMMA1002267//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6)//0.17:139:28//TRYPANOSOMA BRUCEI BRUCEI//P24499

20 F-MAMMA1002268//60S RIBOSOMAL PROTEIN L22//0.00026:163:30//DROSOPHILA MELANOGASTER (FRUIT FLY)//P50887

F-MAMMA1002269//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE//0.35:14:57//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI)//Q48251

25 F-MAMMA1002282//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/6.1e-05:32:65//HOMO SAPIENS (HUMAN)//P39192

F-MAMMA1002292//TROPOMYOSIN 2//1.4e-05:100:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40414

F-MAMMA1002293//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.8e-25:127:44//HOMO SAPIENS (HUMAN)//P39188

30 F-MAMMA1002294//ALPHA TRANS-INDUCING PROTEIN (ALPHA-TIF)//0.00011:138:38//BOVINE HERPESVIRUS TYPE 1 (STRAIN P8-2)//P30020

F-MAMMA1002297//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//0.15:144:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32323

35 F-MAMMA1002298//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//1.0e-05:40:50//MUS MUSCULUS (MOUSE)//P05143

F-MAMMA1002299//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3)//0.84:65:32//STRUTHIO CAMELUS (OSTRICH)//O21405

F-MAMMA1002308//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.3e-29:61:73//HOMO SAPIENS (HUMAN)//P39188

40 F-MAMMA1002310//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS)//0.00016:70:38//MUS MUSCULUS (MOUSE)//P15265

F-MAMMA1002311//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/9.4e-09:84:54//HOMO SAPIENS (HUMAN)//P39189

45 F-MAMMA1002312//HYPOTHETICAL 10.8 KD PROTEIN IN GP30-RIII INTERGENIC REGION (URF Y)//0.48:48:33//BACTERIOPHAGE T4//P33084

F-MAMMA1002317

F-MAMMA1002319//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE (EC 2.7.7.49); ENDONUCLEASE]//0.011:128:27//MUS MUSCULUS (MOUSE)//P11369

50 F-MAMMA1002322//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.2e-20:92:57//HOMO SAPIENS (HUMAN)//P39195

F-MAMMA1002329//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.051:33:36//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P03931

F-MAMMA1002332//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//6.5e-20:116:51//HOMO SAPIENS (HUMAN)//P08547

55 F-MAMMA1002333//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//0.0017:214:31//BOS TAURUS (BOVINE)//P02453

F-MAMMA1002339//COPPER-METALLOTHIONEIN (CU-MT)//0.59:42:38//HELIX POMATIA (ROMAN SNAIL)

(EDIBLE SNAIL).//P55947
 F-MAMMA1002347//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.43:26:61//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002351//HYPOTHETICAL PROTEIN MJ0304.//2.3e-07:139:25//METHANOCOCCUS JANNAS-
 5 CHII.//Q57752
 F-MAMMA1002352
 F-MAMMA1002353//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00028:31:80//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002355//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.2e-28:87:73//HOMO SAPIENS (HU-
 10 MAN).//P39193
 F-MAMMA1002356//RELAXIN.//0.95:31:35//SQUALUS ACANTHIAS (SPINY DOGFISH).//P11953
 F-MAMMA1002359//CHLOROPLAST 50S RIBOSOMAL PROTEIN L33.//0.93:44:36//GUILLARDIA THETA
 (CRYPTOMONAS PHI).//O78487
 F-MAMMA1002360//LATE L2 MU CORE PROTEIN PRECURSOR (PROTEIN X).//0.94:30:43//BOVINE ADENO-
 15 VIRUS TYPE 2 (MASTADENOVIRUS BOS2).//Q96626
 F-MAMMA1002361//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.0e-08:45:68//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002362//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.58:23:26//LUMBRICUS TERRESTRIS
 (COMMON EARTHWORM).//Q34942
 20 F-MAMMA1002380//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR.//0.23:100:27//DROSOPHILA SIMU-
 LANS (FRUIT FLY).//P13729
 F-MAMMA1002384
 F-MAMMA1002385//HYPOTHETICAL 40.9 KD PROTEIN IN ORC2-TIP1 INTERGENIC REGION.//3.8e-14:125:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38241
 25 F-MAMMA1002392//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:17:58//BRANCHIOSTOMA LANCEO-
 LATUM (COMMON LANCELET) (AMPHIOXUS).//O21003
 F-MAMMA1002411//30S RIBOSOMAL PROTEIN S17.//0.85:49:32//SYNECHOCYSTIS SP. (STRAIN PCC
 6803).//P73311
 F-MAMMA1002413//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 (EC 1.6.5.3) (FRAGMENT).//0.97:41:
 30 39//DROSOPHILA AFFINIS (FRUIT FLY).//P51926
 F-MAMMA1002417//RFBJ PROTEIN.//0.99:31:35//SHIGELLA FLEXNERI.//P37786
 F-MAMMA1002427//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.6e-33:135:59//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1002428//HYPOTHETICAL PROTEIN C18.//0.97:34:44//SWINEPOX VIRUS (STRAIN KASZA)
 35 (SPV).//P32217
 F-MAMMA1002434//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/3.1e-36:56:78//HOMO SAPIENS (HU-
 MAN).//P39189
 F-MAMMA1002446
 F-MAMMA1002454//EARLY NODULIN 20 PRECURSOR (N-20).//0.77:57:45//MEDICAGO TRUNCATULA (BAR-
 40 REL MEDIC).//P93329
 F-MAMMA1002461//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).//1.3e-05:193:32//CANIS FA-
 MILIARIS (DOG).//P50551
 F-MAMMA1002470//HYPOTHETICAL 80.7 KD PROTEIN IN ERG7-NMD2 INTERGENIC REGION.//1.0e-75:231:
 60//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38795
 45 F-MAMMA1002475//POSSIBLE GLOBAL TRANSCRIPTION ACTIVATOR SNF2L4 (SNF2-BETA) (BRG-1 PRO-
 TEIN) (MITOTIC GROWTH AND TRANSCRIPTION ACTIVATOR) (BRAHMA PROTEIN HOMOLOG 1).//0.013:
 99:30//HOMO SAPIENS (HUMAN).//P51532
 F-MAMMA1002480//NONSTRUCTURAL PROTEIN 5B.//1.0:23:43//HUMAN CORONAVIRUS (STRAIN 229E).//
 P19741
 50 F-MAMMA1002485//STANNIOCALCIN PRECURSOR.//2.1e-23:88:46//HOMO SAPIENS (HUMAN).//P52823
 F-MAMMA1002494//MOLT-INHIBITING HORMONE (MIH).//1.0:32:37//PROCAMBARUS CLARKII (RED SWAMP
 CRAYFISH).//P55848
 F-MAMMA1002498//6.7 KD PROTEIN (ORF 5).//1.0:26:42//BARLEY YELLOW DWARF VIRUS (ISOLATE PAV)
 (BYDV).//P09517
 55 F-MAMMA1002524//HYPOTHETICAL 117.8 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION.//5.0e-26:222:
 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43571
 F-MAMMA1002530//CYTOSOLIC PHOSPHOLIPASE A2 (EC 3.1.1.4) (CPLA2) (PHOSPHATIDYLCHOLINE
 2-ACYLHYDROLASE) / LYSOPHOSPHOLIPASE (EC 3.1.1.5).//4.5e-12:88:44//HOMO SAPIENS (HUMAN).//

P47712
 F-MAMMA1002545//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.3e-29:97:71//HOMO SAPIENS (HUMAN).//P39195
 5 F-MAMMA1002554//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT).//0.46:54:40//CRICETULUS GRISEUS (CHINESE HAMSTER).//P11414
 F-MAMMA1002556//METALLOTHIONEIN 20-I ISOFORMS A AND B (MT-20-IA AND MT-20-IB).//0.99:21:47//MYTILUS EDULIS (BLUE MUSSEL).//P80251
 F-MAMMA1002566//TRANSCRIPTION FACTOR P65 (NUCLEAR FACTOR NF-KAPPA-B P65 SUBUNIT).//0.70:130:30//MUS MUSCULUS (MOUSE).//Q04207
 10 F-MAMMA1002571//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (FRAGMENT).//0.54:45:51//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P35084
 F-MAMMA1002573//PARATHYMOSIN.//1.5e-07:69:46//HOMO SAPIENS (HUMAN).//P20962
 F-MAMMA1002585//MYOSIN LIGHT CHAIN 1, SLOW-TWITCH MUSCLE B/VENTRICULAR ISOFORM (FRAGMENT).//0.38:36:36//MUS MUSCULUS (MOUSE).//P09542
 15 F-MAMMA1002590//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.99:22:77//HOMO SAPIENS (HUMAN).//P39195
 F-MAMMA1002597//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.1e-18:44:70//HOMO SAPIENS (HUMAN).//P39194
 F-MAMMA1002598//60S RIBOSOMAL PROTEIN L7.//1.8e-16:40:100//HOMO SAPIENS (HUMAN).//P18124
 20 F-MAMMA1002603
 F-MAMMA1002612//30S RIBOSOMAL PROTEIN S16 (FRAGMENT).//1.0:29:37//THERMUS AQUATICUS.//O07348
 F-MAMMA1002617//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT).//0.00041:81:34//RATTUS NORVEGICUS (RAT).//P10164
 25 F-MAMMA1002618//ESCARGOT/SNAIL PROTEIN HOMOLOG (FRAGMENT).//0.11:18:50//PSYCHODA CINE-REA.//Q02027
 F-MAMMA1002619//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//1.8e-13:110:40//CAENORHABDITIS ELEGANS.//Q09931
 30 F-MAMMA1002622//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.4e-05:53:58//HOMO SAPIENS (HUMAN).//P39188
 F-MAMMA1002623//PEPTIDYL-GLYCINE ALPHA-AMIDATING MONOOXYGENASE PRECURSOR (EC 1.14.17.3) (PAM).//2.6e-07:37:78//HOMO SAPIENS (HUMAN).//P19021
 F-MAMMA1002625
 35 F-MAMMA1002629//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.4e-19:49:73//HOMO SAPIENS (HUMAN).//P39188
 F-MAMMA1002636//COLLAGEN ALPHA 2(VI) CHAIN (FRAGMENT).//1.7e-07:189:32//HOMO SAPIENS (HUMAN).//P12110
 F-MAMMA1002637//KINESIN LIGHT CHAIN (KLC).//7.7e-54:227:52//RATTUS NORVEGICUS (RAT).//P37285
 40 F-MAMMA1002646//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//0.034:199:25//MUS MUSCULUS (MOUSE).//P19246
 F-MAMMA1002650//TRANSCRIPTION REGULATOR PROTEIN BACH2 (BTB AND CNC HOMOLOG 2).//1.7e-07:104:32//MUS MUSCULUS (MOUSE).//P97303
 F-MAMMA1002655//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//1.0:25:44//HOMO SAPIENS (HUMAN).//P22532
 45 F-MAMMA1002662
 F-MAMMA1002665//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.3e-07:54:57//HOMO SAPIENS (HUMAN).//P39194
 F-MAMMA1002671//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE--COA LIGASE) (ACYL-AC-TIVATING ENZYME).//1.4e-10:144:31//ESCHERICHIA COLI.//P27550
 50 F-MAMMA1002673//BREVICAN CORE PROTEIN PRECURSOR.//0.76:64:39//BOS TAURUS (BOVINE).//Q28062
 F-MAMMA1002684//HYPOTHETICAL 11.8 KD PROTEIN IN GP55-NRDG INTERGENIC REGION.//0.094:77:27//BACTERIOPHAGE T4.//P07079
 55 F-MAMMA1002685//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS).//0.0017:177:34//RATTUS NORVEGICUS (RAT).//P02454
 F-MAMMA1002698
 F-MAMMA1002699//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION.//1.2e-28:127:

47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47160
 F-MAMMA1002701//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.0:14:92//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002708//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/7.9e-27:52:65//HOMO SAPIENS (HU-
 5 MAN).//P39193
 F-MAMMA1002711//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.7e-24:54:75//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002721
 F-MAMMA1002727//SOX-13 PROTEIN (FRAGMENT).//0.70:36:38//MUS MUSCULUS (MOUSE).//Q04891
 10 F-MAMMA1002728//HYPOTHETICAL 6.0 KD PROTEIN.//1.0:25:44//THERMOPROTEUS TENAX VIRUS 1
 (STRAIN KRA1) (TTV1).//P19305
 F-MAMMA1002744//HYPOTHETICAL 13.4 KD PROTEIN IN ACT5-YCK1 INTERGENIC REGION.//1.0:52:34//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38834
 F-MAMMA1002746//HYPOTHETICAL 5.6 KD PROTEIN (ORF A-45).//1.0:22:40//SULFOLOBUS VIRUS-LIKE
 15 PARTICLE SSV1.//P20198
 F-MAMMA1002748
 F-MAMMA1002754//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.1e-21:56:64//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002758//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.37:14:64//DROSOPHILA MELA-
 20 NOGASTER (FRUIT FLY).//Q01645
 F-MAMMA1002764//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.7e-32:79:60//HOMO SAPIENS (HU-
 MAN).//P39194
 F-MAMMA1002765//PARATHYMOXIN.//0.79:63:28//BOS TAURUS (BOVINE).//P08814
 F-MAMMA1002769//GAR2 PROTEIN.//0.00037:192:27//SCHIZOSACCHAROMYCES POMBE (FISSION
 25 YEAST).//P41891
 F-MAMMA1002775//HYPOTHETICAL 36.7 KD PROTEIN C2F7.14C IN CHROMOSOME I.//5.4e-54:240:49//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09704
 F-MAMMA1002780
 F-MAMMA1002782//MARGATOXIN (MGTX).//1.0:31:38//CENTRUROIDES MARGARITATUS (SCORPION).//
 30 P40755
 F-MAMMA1002796//ICE NUCLEATION PROTEIN.//0.0018:100:41//PSEUDOMONAS FLUORESCENS.//
 P09815
 F-MAMMA1002807//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/9.3e-23:100:59//HOMO SAPIENS (HUMAN).//
 P39188
 35 F-MAMMA1002820//NEUROTOXIN IV (LQQ IV).//1.0:18:50//LEIURUS QUINQUESTRIATUS QUINQUESTRIA-
 TUS (EGYPTIAN SCORPION).//P01489
 F-MAMMA1002830//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.7e-24:55:74//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1002833//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.6e-31:95:73//HOMO SAPIENS (HU-
 40 MAN).//P39189
 F-MAMMA1002835//HYPOTHETICAL 42.1 KD PROTEIN F13G3.3 IN CHROMOSOME I.//1.0:54:37//
 CAENORHABDITIS ELEGANS.//Q19417
 F-MAMMA1002838//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.5e-27:99:70//HOMO SAPIENS (HU-
 MAN).//P39193
 45 F-MAMMA1002842//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.3e-13:65:63//HOMO SAPIENS (HU-
 MAN).//P39195
 F-MAMMA1002843//METALLOTHIONEIN-II (MT-II).//0.97:19:47//MUS MUSCULUS (MOUSE).//P02798
 F-MAMMA1002844//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//4.9e-08:119:36//
 AUTOGRAPHA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41479
 50 F-MAMMA1002858//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.98:37:37//PAN TROGLODYTES
 (CHIMPANZEE).//Q35647
 F-MAMMA1002868//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.8e-10:51:62//HOMO SAPIENS (HUMAN).//
 P39188
 F-MAMMA1002869//PINCH PROTEIN (PARTICULARLY INTERESTING NEW CYS-HIS PROTEIN).//1.8e-95:194:
 55 78//HOMO SAPIENS (HUMAN).//P48059
 F-MAMMA1002871//G-PROTEIN COUPLED RECEPTOR HOMOLOG R33.//1.0:51:35//RAT CYTOMEGALOVIR-
 US (STRAIN MAASTRICHT).//O12000
 F-MAMMA1002880

F-MAMMA1002881//GLIOMA PATHOGENESIS-RELATED PROTEIN (RTVP-1 PROTEIN).//3.3e-22:180:35//HOMO SAPIENS (HUMAN).//P48060
 F-MAMMA1002886//MYOSIN HEAVY CHAIN IB (MYOSIN HEAVY CHAIN IL).//0.00011:148:39//ACANTHAMOEBA CASTELLANII (AMOEBA).//P19706
 5 F-MAMMA1002887
 F-MAMMA1002890//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//0.030:142:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32323
 F-MAMMA1002892
 F-MAMMA1002895//HYPOTHETICAL PROTEIN UL61.//0.00099:143:35//HUMAN CYTOMEGALOVIRUS
 10 (STRAIN AD169).//P16818
 F-MAMMA1002908//T-CELL RECEPTOR BETA CHAIN PRECURSOR (ANA 11).//0.12:44:43//ORYCTOLAGUS CUNICULUS (RABBIT).//P06333
 F-MAMMA1002909//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00011:28:75//HOMO SAPIENS (HUMAN).//P39188
 15 F-MAMMA1002930//BOMBYXIN A-7 PRECURSOR (BBX-A7) (4K-PROTHORACICOTROPIC HORMONE) (4K-PTTH).//0.99:45:46//BOMBYX MORI (SILK MOTH).//P26730
 F-MAMMA1002937//ZINC FINGER PROTEIN 42 (MYELOID ZINC FINGER 1) (MZF-1).//6.5e-24:147:34//HOMO SAPIENS (HUMAN).//P28698
 F-MAMMA1002938//CERULOPLASMIN PRECURSOR (EC 1.16.3.1) (FERROXIDASE).//4.7e-11:44:68//MUS MUSCULUS (MOUSE).//Q61147
 20 F-MAMMA1002941//PROTEIN Q300.//0.0076:21:61//MUS MUSCULUS (MOUSE).//Q02722
 F-MAMMA1002947//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//1.9e-08:152:38//STREPTOMYCES FRADIAE.//P20186
 F-MAMMA1002964
 25 F-MAMMA1002970//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//0.0057:55:43//HOMO SAPIENS (HUMAN).//P39189
 F-MAMMA1002972//BRAIN-SPECIFIC HOMEBOX/POU DOMAIN PROTEIN 3A (BRN-3A) (OCT-T1) (HOMEBOX/POU DOMAIN PROTEIN RDC-1).//0.84:53:41//HOMO SAPIENS (HUMAN).//Q01851
 F-MAMMA1002973//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//4.6e-11:54:68//HOMO SAPIENS (HUMAN).//P39192
 30 F-MAMMA1002982
 F-MAMMA1002987//HYPOTHETICAL 11.9 KD PROTEIN IN RPC8-MFA2 INTERGENIC REGION.//0.17:47:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53906
 F-MAMMA1003003//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//8.6e-09:30:73//HOMO SAPIENS (HUMAN).//P39195
 35 F-MAMMA1003004//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.0071:41:58//HOMO SAPIENS (HUMAN).//P39195
 F-MAMMA1003007//SPERM PROTAMINE P1.//0.0076:51:37//TACHYGLOSSUS ACULEATUS ACULEATUS (AUSTRALIAN ECHIDNA).//P35311
 40 F-MAMMA1003011//HISTONE MACRO-H2A.1.//1.8e-60:175:70//RATTUS NORVEGICUS (RAT).//Q02874
 F-MAMMA1003013//ACTIN BINDING PROTEIN.//0.097:83:31//SACCHAROMYCES EXIGUUS (YEAST).//P38479
 F-MAMMA1003015
 F-MAMMA1003019//MYOTUBULARIN.//0.022:56:37//HOMO SAPIENS (HUMAN).//Q13496
 45 F-MAMMA1003026//HYPOTHETICAL 29.3 KD PROTEIN (ORF92).//0.0014:208:27//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//O10341
 F-MAMMA1003031//PROBABLE E4 PROTEIN (E1^E4).//0.14:49:32//HUMAN PAPILLOMAVIRUS TYPE 6B.//P06459
 F-MAMMA1003035//HYPOTHETICAL 24.4 KD PROTEIN IN LPD 3'REGION (ORF4).//5.1e-12:112:34//ZY-MONOMAS MOBILIS.//O66114
 50 F-MAMMA1003039//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.4e-07:68:54//HOMO SAPIENS (HUMAN).//P39188
 F-MAMMA1003040//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!!//2.8e-39:90:57//HOMO SAPIENS (HUMAN).//P39190
 55 F-MAMMA1003044
 F-MAMMA1003047//SPERM HISTONE P2 PRECURSOR (PROTAMINE 2).//0.18:25:44//BOS TAURUS (BOVINE).//P19782
 F-MAMMA1003049//PROBABLE E4 PROTEIN.//0.50:67:29//HUMAN PAPILLOMAVIRUS TYPE 6C.//P20969

F-MAMMA1003055//WEAK TOXIN CM-2.//0.99:23:30//NAJA HAJE HAJE (EGYPTIAN COBRA).//P01415
 F-MAMMA1003056//EXPORTED PROTEIN 7 (FRAGMENT).//1.0:52:32//STREPTOCOCCUS PNEUMONIAE.//
 P35597
 F-MAMMA1003057//MD6 PROTEIN.//1.5e-85:168:95//MUS MUSCULUS (MOUSE).//Q60584
 5 F-MAMMA1003066//REGB PROTEIN.//1.0:62:27//PSEUDOMONAS AERUGINOSA.//Q03381
 F-MAMMA1003089//!!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!!!//5.1e-15:44:77//HOMO SAPIENS (HU-
 MAN).//P39190
 F-MAMMA1003099//ENDOTHELIAL ACTIN-BINDING PROTEIN (ABP-280) (NONMUSCLE FILAMIN) (FILAMIN
 1).//4.8e-20:80:62//HOMO SAPIENS (HUMAN).//P21333
 10 F-MAMMA1003104//PHOTOSYSTEM I REACTION CENTRE SUBUNIT VIII.//0.98:22:40//SYNECHOCOCCUS
 ELONGATUS NAEGELI.//P25900
 F-MAMMA1003113//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR (FRAGMENTS).//0.67:35:45//GALLUS
 GALLUS (CHICKEN).//P02467
 F-MAMMA1003127//MYOSIN I ALPHA (MMI-ALPHA).//5.2e-34:141:56//MUS MUSCULUS (MOUSE).//P46735
 15 F-MAMMA1003135//HYPOTHETICAL 182.0 KD PROTEIN IN NMD5-HOM6 INTERGENIC REGION.//3.6e-05:91:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47170
 F-MAMMA1003140
 F-MAMMA1003146//MALE SPECIFIC SPERM PROTEIN MST87F.//1.0:33:36//DROSOPHILA MELANOGASTER
 (FRUIT FLY).//P08175
 20 F-MAMMA1003150//HYPOTHETICAL 84.3 KD PROTEIN ZK945.10 IN CHROMOSOME II.//4.4e-10:254:30//
 CAENORHABDITIS ELEGANS.//Q09625
 F-MAMMA1003166//BRAIN PROTEIN H5.//4.0e-42:182:48//HOMO SAPIENS (HUMAN).//O43236
 F-NT2RM1000001//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70).//0.15:
 38:34//ASTASIA LONGA (EUGLENOPHYCEAN ALGA).//P34779
 25 F-NT2RM1000018
 F-NT2RM1000032//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.51:17:41//CYPRINUS CARPIO (COM-
 MON CARP).//P24948
 F-NT2RM1000035//3-HYDROXY-3-METHYLGLUTARYL-COENZYME A REDUCTASE (EC 1.1.1.34) (HMG-COA
 REDUCTASE).//0.00011:114:27//BLATTELLA GERMANICA (GERMAN COCKROACH).//P54960
 30 F-NT2RM1000037//METALLOTHIONEIN-II (MT-II).//0.025:19:47//SCYLLA SERRATA (MUD CRAB).//P02806
 F-NT2RM1000039//VITELLINE MEMBRANE VM34CA PROTEIN PRECURSOR.//0.00083:84:33//DROSOPHILA
 MELANOGASTER (FRUIT FLY).//Q06521
 F-NT2RM1000055//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR.//1.1e-07:34:55//PLASMODIUM LOPHU-
 RAE.//P04929
 35 F-NT2RM1000059//MYOCYTE-SPECIFIC ENHANCER FACTOR 2B (SERUM RESPONSE FACTOR-LIKE PRO-
 TEIN 2) (XMEF2) (RSRFR2).//0.18:83:36//HOMO SAPIENS (HUMAN).//Q02080
 F-NT2RM1000062//PROLINE-RICH PEPTIDE P-B.//0.54:34:44//HOMO SAPIENS (HUMAN).//P02814
 F-NT2RM1000080//HYPOTHETICAL 35.7 KD PROTEIN SLR1128.//2.1e-20:119:40//SYNECHOCYSTIS SP.
 (STRAIN PCC 6803).//P72655
 40 F-NT2RM1000086//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//0.20:56:35//HOMO SAPIENS (HUMAN).//P10162
 F-NT2RM1000092//COLLAGEN-LIKE PROTEIN.//0.0017:44:45//HERPESVIRUS SAIMIRI (SUBGROUP C /
 STRAIN 488).//P22576
 F-NT2RM1000118//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT).//5.7e-07:109:28//NEUROSPORA CRASSA.//P87072
 45 F-NT2RM1000119//TRANSCRIPTIONAL REGULATOR IE63 (VMW63) (ICP27).//0.0050:135:32//HERPES SIM-
 PLEX VIRUS (TYPE 2 / STRAIN HG52).//P28276
 F-NT2RM1000127//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//0.032:68:32//SORGHUM
 VULGARE (SORGHUM).//P24152
 50 F-NT2RM1000131//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF).//0.82:33:39//BOS
 TAURUS (BOVINE).//P37359
 F-NT2RM1000132//NADH-UBIQUINONE OXIDOREDUCTASE 13 KD-A SUBUNIT PRECURSOR (EC 1.6.5.3)
 (EC 1.6.99.3) (COMPLEX I-13KD-A) (CI-13KD-A).//2.7e-59:124:91//HOMO SAPIENS (HUMAN).//O75380
 F-NT2RM1000153//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//2.5e-08:148:29//HOMO SAPIENS
 55 (HUMAN).//P49902
 F-NT2RM1000186//CALCINEURIN B SUBUNIT (PROTEIN PHOSPHATASE 2B REGULATORY SUBUNIT) (CAL-
 CINEURIN REGULATORY SUBUNIT).//1.9e-07:109:27//NEUROSPORA CRASSA.//P87072
 F-NT2RM1000187//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE

SPAC10F6.02C.//1.0e-12:94:46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O42643
 F-NT2RM1000199//CUTICLE COLLAGEN 12 PRECURSOR.//0.46:130:33//CAENORHABDITIS ELEGANS.//
 P20630
 5 F-NT2RM1000242//PUTATIVE ATP SYNTHASE J CHAIN, MITOCHONDRIAL (EC 3.6.1.34).//0.85:38:36//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O13931
 F-NT2RM1000244//HYPOTHETICAL 131.5 KD PROTEIN C02F12.7 IN CHROMOSOME X.//0.0055:98:36//
 CAENORHABDITIS ELEGANS.//Q11102
 F-NT2RM1000252//TRICHOHYALIN.//2.9e-06:88:36//OVIS ARIES (SHEEP).//P22793
 10 F-NT2RM1000256//GLUCOSAMINE-FRUCTOSE-6-PHOSPHATE AMINOTRANSFERASE [ISOMERIZING]
 (EC 2.6.1.16) (HEXOSEPHOSPHATE AMINOTRANSFERASE) (D-FRUCTOSE-6- PHOSPHATE AMIDOTRANS-
 FERASE) (GFAT).//2.9e-54:153:67//MUS MUSCULUS (MOUSE).//P47856
 F-NT2RM1000257//MAGO NASHI PROTEIN.//5.9e-64:136:89//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 P49028
 F-NT2RM1000260
 15 F-NT2RM1000271//GALACTOKINASE (EC 2.7.1.6).//0.99:41:39//BACILLUS SUBTILIS.//P39574
 F-NT2RM1000272//HYPOTHETICAL 55.5 KD PROTEIN ZK1128.2 IN CHROMOSOME III.//8.8e-25:131:45//
 CAENORHABDITIS ELEGANS.//Q09357
 F-NT2RM1000280//VACUOLAR ATP SYNTHASE SUBUNIT D (EC 3.6.1.34) (V-ATPASE D SUBUNIT) (V- AT-
 PASE 28 KD ACCESSORY PROTEIN).//2.5e-63:121:94//BOS TAURUS (BOVINE).//P39942
 20 F-NT2RM1000300//TREACLE PROTEIN (TREACHER COLLINS SYNDROME PROTEIN).//0.51:145:26//HOMO
 SAPIENS (HUMAN).//Q13428
 F-NT2RM1000314
 F-NT2RM1000318//50S RIBOSOMAL PROTEIN L23.//0.83:28:35//AQUIFEX AEOLICUS.//O66433
 F-NT2RM1000341
 25 F-NT2RM1000354//HYPOTHETICAL 5.8 KD PROTEIN IN PUHA 5'REGION (ORF55).//0.95:43:37//RHODO-
 BACTER CAPSULATUS (RHODOPSEUDOMONAS CAPSULATA).//P26159
 F-NT2RM1000355//SPERM-SPECIFIC PROTEIN PHI-1.//0.0016:73:43//MYTILUS EDULIS (BLUE MUSSEL).//
 Q04621
 F-NT2RM1000365//HYPOTHETICAL PROTEIN KIAA0140.//3.5e-10:83:49//HOMO SAPIENS (HUMAN).//
 30 Q14153
 F-NT2RM1000377//DUAL SPECIFICITY PROTEIN PHOSPHATASE 9 (EC 3.1.3.48) (EC 3.1.3.16) (MITOGEN-
 ACTIVATED PROTEIN KINASE PHOSPHATASE 4) (MAP KINASE PHOSPHATASE 4) (MKP-4).//4.9e-18:113:
 38//HOMO SAPIENS (HUMAN).//Q99956
 F-NT2RM1000388//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.00023:67:
 35 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53915
 F-NT2RM1000394//HISTONE H3.3 (H3.B) (H3.3Q).//4.7e-52:71:91//HOMO SAPIENS (HUMAN), MUS MUSCU-
 LUS (MOUSE), RATTUS NORVEGICUS (RAT), ORYCTOLAGUS CUNICULUS (RABBIT), GALLUS GALLUS
 (CHICKEN), SPISULA SOLIDISSIMA (ATLANTIC SURF-CLAM), DROSOPHILA MELANOGASTER (FRUIT FLY),
 AND DROSOPHILA HYDEI (FRUIT FLY).//P06351
 40 F-NT2RM1000399//ENDOTHELIN-2 PRECURSOR (ET-2) (FRAGMENT).//0.92:24:45//CANIS FAMILIARIS
 (DOG).//P12064
 F-NT2RM1000421//CUTICLE COLLAGEN 2C (FRAGMENT).//0.12:93:33//HAEMONCHUS CONTORTUS.//
 P16252
 F-NT2RM1000430//PISTIL-SPECIFIC EXTENSIN-LIKE PROTEIN PRECURSOR (PELP).//0.13:86:31//NICO-
 45 TIANA TABACUM (COMMON TOBACCO).//Q03211
 F-NT2RM1000499//HYPOTHETICAL PROTEIN KIAA0041 (FRAGMENT).//2.9e-17:75:49//HOMO SAPIENS
 (HUMAN).//Q15057
 F-NT2RM1000539//HYPOTHETICAL 10.4 KD PROTEIN IN FTR1-SPT15 INTERGENIC REGION.//2.9e-16:82:
 51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40089
 50 F-NT2RM1000553//GLYCOLIPID TRANSFER PROTEIN (GLTP).//6.4e-06:103:33//SUS SCROFA (PIG).//
 P17403
 F-NT2RM1000555//UNR PROTEIN.//8.7e-77:105:95//RATTUS NORVEGICUS (RAT).//P18395
 F-NT2RM1000563//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.15:20:50//HO-
 MO SAPIENS (HUMAN).//P30808
 55 F-NT2RM1000623//CLARA CELL PHOSPHOLIPID-BINDING PROTEIN PRECURSOR (CCBPB) (CLARA CELLS
 10 KD SECRETORY PROTEIN) (CC10).//0.17:70:34//HOMO SAPIENS (HUMAN).//P11684
 F-NT2RM1000648//GLYCOSYLTRANSFERASE ALG2 (EC 2.4.1.-).//2.0e-22:133:42//SACCHAROMYCES CER-
 EVISIAE (BAKER'S YEAST).//P43636

F-NT2RM1000661//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF) (GIFB).//0.0060:24:33//HOMO SAPIENS (HUMAN).//P25713
 F-NT2RM1000666//COLD SHOCK PROTEIN SCOF.//9.1e-07:67:41//STREPTOMYCES COELICOLOR.//P48859
 5 F-NT2RM1000669//CHLOROPLAST 50S RIBOSOMAL PROTEIN L31.//0.071:69:31//PORPHYRA PURPUREA.//P51290
 F-NT2RM1000672//SIGNAL RECOGNITION PARTICLE SEC65 SUBUNIT (FRAGMENT).//0.27:42:42//KLUYVEROMYCES LACTIS (YEAST).//O13475
 F-NT2RM1000691//RETINOBLASTOMA BINDING PROTEIN 2 (RBBP-2).//4.3e-42:241:42//HOMO SAPIENS (HUMAN).//P29375
 10 F-NT2RM1000699//N2,N2-DIMETHYLGUANOSINE TRNA METHYLTRANSFERASE PRECURSOR (EC 2.1.1.32).//0.94:48:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P15565
 F-NT2RM1000702//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 1.//0.0013:139:25//DROSOPHILA MELANOGASTER (FRUIT FLY).//P26308
 F-NT2RM1000725//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//1.0:15:60//HOMO SAPIENS (HUMAN).//P02811
 15 F-NT2RM1000741//STATHMIN (CLONE XO20) (FRAGMENT).//1.0:53:32//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//Q09005
 F-NT2RM1000742//HYPOTHETICAL 24.1 KD PROTEIN IN DHFR 3'REGION (ORF2).//1.0:54:42//HERPESVIRUS SAIMIRI (STRAIN 484-77).//P25049
 20 F-NT2RM1000746//HYPOTHETICAL 16.8 KD PROTEIN C29E6.04 IN CHROMOSOME I.//0.11:87:21//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09858
 F-NT2RM1000770//DXS6673E PROTEIN.//2.0e-38:190:48//HOMO SAPIENS (HUMAN).//Q14202
 F-NT2RM1000772//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//4.3e-12:141:30//PODOSPORA ANSERINA.//Q00808
 25 F-NT2RM1000780//MALE SPECIFIC SPERM PROTEIN MST87F.//0.98:34:38//DROSOPHILA MELANOGASTER (FRUIT FLY).//P08175
 F-NT2RM1000781
 F-NT2RM1000800//24.1 KD PROTEIN IN VMA12-APN1 INTERGENIC REGION.//7.9e-11:135:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P28707
 30 F-NT2RM1000802//ALPHA-AMYLASE INHIBITOR PAIM I (PIG PANCREATIC ALPHA-AMYLASE INHIBITOR OF MICROBES I).//0.43:62:35//STREPTOMYCES OLIVACEOVIRIDIS (STREPTOMYCES CORCHORUSII).//P09921
 F-NT2RM1000811
 35 F-NT2RM1000826//UNR PROTEIN.//1.1e-110:144:83//RATTUS NORVEGICUS (RAT).//P18395
 F-NT2RM1000829//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:38:34//DROSOPHILA SIMULANS (FRUIT FLY).//P50270
 F-NT2RM1000833//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//1.4e-62:145:84//CANIS FAMILIARIS (DOG).//P38377
 40 F-NT2RM1000850//TESTIS-SPECIFIC PROTEIN KINASE 1 (EC 2.7.1.-).//6.1e-08:136:33//RATTUS NORVEGICUS (RAT).//Q63572
 F-NT2RM1000852//ATP-DEPENDENT RNA HELICASE ROK1.//1.6e-34:212:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P45818
 F-NT2RM1000857//HISTONE H1.M6.1.//0.76:31:48//TRYPANOSOMA CRUZI.//P40273
 45 F-NT2RM1000867//MICROSOMAL SIGNAL PEPTIDASE 10.8 KD SUBUNIT (EC 3.4.-.-).//0.0082:76:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P46965
 F-NT2RM1000874//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.38:12:58//HOMO SAPIENS (HUMAN).//P30808
 F-NT2RM1000882//CYTOCHROME B5.//9.0e-13:92:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40312
 50 F-NT2RM1000883//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.79:22:59//HOMO SAPIENS (HUMAN).//P30808
 F-NT2RM1000885//HYPOTHETICAL 5.8 KD PROTEIN.//0.76:18:38//CLOVER YELLOW MOSAIC VIRUS (CYMV).//P16485
 55 F-NT2RM1000894//DNA-DIRECTED RNA POLYMERASE I135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT).//6.2e-70:153:88//RATTUS NORVEGICUS (RAT).//O54888
 F-NT2RM1000898//ACTIN, CYTOPLASMIC (ACTIN, MICRONUCLEAR).//4.3e-12:159:28//OXYTRICHA FAL-

LAX.//P02583
 F-NT2RM1000905//GLUTATHIONE S-TRANSFERASE 1-1 (EC 2.5.1.18) (CLASS-THETA).//0.98:39:35//LUCILIA
 CUPRINA (GREENBOTTLE FLY) (AUSTRALIAN SHEEP BLOWFLY).//P42860
 F-NT2RM1000924//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III.//1.3e-11:169:28//
 5 CAENORHABDITIS ELEGANS.//P46577
 F-NT2RM1000927//CUTICLE COLLAGEN 1.//0.00048:141:31//CAENORHABDITIS ELEGANS.//P08124
 F-NT2RM1000962//HYPOTHETICAL 35.8 KD PROTEIN C4F8.04 IN CHROMOSOME I.//7.1e-13:169:31//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14180
 F-NT2RM1000978//HYPOTHETICAL 20.2 KD PROTEIN IN MNN4-PTK1 INTERGENIC REGION.//0.61:82:34//
 10 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36045
 F-NT2RM1001003//ALPHA-2 CATENIN (ALPHA N-CATENIN) (NEURAL ALPHA-CATENIN).//1.6e-21:211:31//
 GALLUS GALLUS (CHICKEN).//P30997
 F-NT2RM1001008//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//3.2e-15:119:36//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09701
 15 F-NT2RM1001043//ENDOTHELIN-1 (ET-1) (FRAGMENT).//0.78:32:34//MACACA FASCICULARIS (CRAB EAT-
 ING MACAQUE) (CYNOMOLGUS MONKEY).//Q28469
 F-NT2RM1001044
 F-NT2RM1001059//LORICRIN.//8.6e-08:108:39//HOMO SAPIENS (HUMAN).//P23490
 F-NT2RM1001066//METALLOTHIONEIN-LIKE PROTEIN TYPE 2.//0.99:24:50//LYCOPERSICON ESCULEN-
 20 TUM (TOMATO).//Q43513
 F-NT2RM1001072//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE GAMMA 1
 (EC 3.1.4.11) (PLC-GAMMA-1) (PHOSPHOLIPASE C-GAMMA-1) (PLC-II) (PLC-148).//4.7e-15:148:33//HOMO
 SAPIENS (HUMAN).//P19174
 F-NT2RM1001074//HYPOTHETICAL PROTEIN F-215.//8.6e-05:126:30//HUMAN ADENOVIRUS TYPE 2.//
 25 P03291
 F-NT2RM1001082//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//6.5e-19:75:54//HOMO SAPIENS (HUMAN).//
 P39195
 F-NT2RM1001085//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.49:29:41//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 30 F-NT2RM1001092//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//2.8e-42:200:38//HOMO SA-
 PIENS (HUMAN).//P51522
 F-NT2RM1001102//HYPOTHETICAL 62.8 KD PROTEIN IN TAF145-YOR1 INTERGENIC REGION.//1.7e-18:161:
 36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53331
 F-NT2RM1001105//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//4.0e-05:157:35//STREP-
 35 TOMYCES FRADIAE.//P20186
 F-NT2RM1001112//NONHISTONE CHROMOSOMAL PROTEIN HMG-17.//0.18:20:55//BOS TAURUS (BO-
 VINE).//P02313
 F-NT2RM1001115
 F-NT2RM1001139//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1.8 PRECURSOR (GRP 1.8).//2.0e-
 40 25:156:46//PHASEOLUS VULGARIS (KIDNEY BEAN) (FRENCH BEAN).//P10496
 F-NT2RM2000006//MITOCHONDRIAL RIBOSOMAL PROTEIN S12.//0.76:45:35//LEISHMANIA TARENTOLAE
 (SAUROLEISHMANIA TARENTOLAE).//Q34940
 F-NT2RM2000013//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA
 POLYMERASE III SUBUNIT 2).//3.9e-87:238:65//DROSOPHILA MELANOGASTER (FRUIT FLY).//P25167
 45 F-NT2RM2000030//TOXINS 1 AND 2.//0.98:21:42//TRIMERESURUS WAGLERI (WAGLER'S PIT VIPER)
 (TROPIDOLAEMUS WAGLERI).//P24335
 F-NT2RM2000032//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00059:53:49//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RM2000042//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//1.0:68:26//HOMO SAPIENS
 50 (HUMAN).//P22532
 F-NT2RM2000092//HYPOTHETICAL 67.5 KD PROTEIN IN PRPS4-STE20 INTERGENIC REGION.//7.0e-11:80:
 40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38748
 F-NT2RM2000093//OVARY MATURATING PARSIN (OMP).//1.0:26:38//LOCUSTA MIGRATORIA (MIGRATORY
 LOCUST).//P80045
 55 F-NT2RM2000101//HYPOTHETICAL 39.3 KD PROTEIN C02B8.6 IN CHROMOSOME X.//3.3e-09:56:35//
 CAENORHABDITIS ELEGANS.//Q11096
 F-NT2RM2000124//CAMP-DEPENDENT PROTEIN KINASE, ALPHA-CATALYTIC SUBUNIT (EC 2.7.1.37) (PKA
 C-ALPHA).//3.1e-35:77:96//MUS MUSCULUS (MOUSE).//P05132

F-NT2RM2000191//3',5'-CYCLIC-NUCLEOTIDE PHOSPHODIESTERASE REGA (EC 3.1.4.17) (PDEASE RE-
 GA).//3.3e-05:181:27//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//Q23917
 F-NT2RM2000192//REPLICATION PROTEIN E1 (FRAGMENTS).//0.019:148:25//COTTONTAIL RABBIT
 (SHOPE) PAPILLOMAVIRUS (STRAIN WASHINGTON B) (CRPV).//P51894
 5 F-NT2RM2000239//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//0.00032:111:32//MUS MUSCULUS
 (MOUSE).//P05143
 F-nnnnnnnnnnnn//METALLOTHIONEIN-LIKE PROTEIN TYPE 2.//0.046:59:33//LYCOPERSICON ESCULEN-
 TUM (TOMATO).//Q43512
 F-NT2RM2000250//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PRO-
 10 TEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN)
 (LECTIN L-29).//0.054:46:34//RATTUS NORVEGICUS (RAT).//P08699
 F-NT2RM2000259//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (P135 PROTEIN) (IER 2.9/ER2.6).//
 0.27:112:33//BOVINE HERPES VIRUS TYPE 1 (STRAIN JURA).//P29128
 F-NT2RM2000260//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//4.7e-22:191:35//MUS MUSCULUS
 15 (MOUSE).//P05143
 F-NT2RM2000287//HYPOTHETICAL 11.8 KD PROTEIN C1B3.02C IN CHROMOSOME I.//5.0e-19:83:53//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O13868
 F-NT2RM2000322//DIAMINOPIMELATE DECARBOXYLASE (EC 4.1.1.20) (DAP DECARBOXYLASE).//0.47:
 117:29//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI).//P56129
 20 F-NT2RM2000359//SPORE GERMINATION PROTEIN 270-11.//0.12:83:36//DICTYOSTELIUM DISCOIDEUM
 (SLIME MOLD).//P22698
 F-NT2RM2000363//BREAKPOINT CLUSTER REGION PROTEIN.//1.3e-16:203:30//HOMO SAPIENS (HU-
 MAN).//P11274
 F-NT2RM2000368//DEK PROTEIN.//0.00027:100:32//HOMO SAPIENS (HUMAN).//P35659
 25 F-NT2RM2000371//POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE (EC 2.7.7.8) (POLYNUCLE-
 OTIDE PHOSPHORYLASE) (PNPASE).//6.8e-36:170:47//ESCHERICHIA COLI.//P05055
 F-NT2RM2000374//NODAL PRECURSOR.//1.1e-32:64:95//MUS MUSCULUS (MOUSE).//P43021
 F-NT2RM2000395//IMMEDIATE-EARLY PROTEIN IE180.//0.31:41:43//PSEUDORABIES VIRUS (STRAIN INDI-
 ANA-FUNKHAUSER / BECKER) (PRV).//P11675
 30 F-NT2RM2000402//ENDOSOMAL P24A PROTEIN PRECURSOR (70 KD ENDOMEMBRANE PROTEIN) (PHE-
 ROMONE ALPHA-FACTOR TRANSPORTER) (ACIDIC 24 KD LATE ENDOCYTIC INTERMEDIATE COMPO-
 NENT).//1.2e-30:228:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32802
 F-NT2RM2000407//TRANSMEMBRANE PROTEIN SEX PRECURSOR.//0.032:105:30//HOMO SAPIENS (HU-
 MAN).//P51805
 35 F-NT2RM2000420//METALLOTHIONEIN (MT).//0.88:42:38//PLEURONECTES PLATESSA (PLAICE).//P07216
 F-NT2RM2000422//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//2.0e-117:237:87//RAT-
 TUS NORVEGICUS (RAT).//Q08469
 F-NT2RM2000452//HYPOTHETICAL 63.6 KD PROTEIN IN YPT52-GCN3 INTERGENIC REGION.//1.1e-08:157:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36113
 40 F-NT2RM2000469//70 KD ANTIGEN.//0.050:207:23//SHIGELLA FLEXNERI.//P18010
 F-NT2RM2000490//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//0.022:25:44//HOMO SAPIENS (HUMAN).//
 P02811
 F-NT2RM2000502//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.0037:17:58//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01645
 45 F-NT2RM2000504//HYPOTHETICAL 99.0 KD PROTEIN SPBC119.17.//1.7e-22:195:27//SCHIZOSACCHARO-
 MYCES POMBE (FISSION YEAST).//O42908
 F-NT2RM2000522//RAS-RELATED PROTEIN RABA (FRAGMENT).//3.6e-05:67:29//DICTYOSTELIUM DISCOI-
 DEUM (SLIME MOLD).//P34141
 F-NT2RM2000540//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III.//8.4e-33:214:38//
 50 CAENORHABDITIS ELEGANS.//Q18262
 F-NT2RM2000556//HYPOTHETICAL PROTEIN KIAA0288 (HA6116).//1.7e-09:133:36//HOMO SAPIENS (HU-
 MAN).//P56524
 F-NT2RM2000566//INTEGRIN ALPHA-6 PRECURSOR (VLA-6) (CD49F).//2.2e-60:244:51//HOMO SAPIENS
 (HUMAN).//P23229
 55 F-NT2RM2000567//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//2.3e-09:192:34//MUS MUSCULUS
 (MOUSE).//P05143
 F-NT2RM2000569//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//9.0e-08:43:72//HOMO SAPIENS (HUMAN).//
 P39188

F-NT2RM2000577//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE--TRNA LIGASE) (ILERS)//
 9.1e-54:225:45//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//P73505
 F-NT2RM2000581//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53)//0.079:111:34//HOMO SA-
 PIENS (HUMAN)//Q15427
 5 F-NT2RM2000588//HYPOTHETICAL PROTEIN KIAA0288 (HA6116)//2.3e-09:193:32//HOMO SAPIENS (HU-
 MAN)//P56524
 F-NT2RM2000594//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.18:33:42//HOMO SAPIENS (HUMAN)//
 P02811
 F-NT2RM2000599//DNA (CYTOSINE-5)-METHYLTRANSFERASE (EC 2.1.1.37) (DNA METHYLTRANS-
 10 FERASE) (DNA METASE) (MCMT) (M.MMUI)//1.5e-09:68:45//MUS MUSCULUS (MOUSE)//P13864
 F-NT2RM2000609//GRANULIN 2//0.83:42:35//CYPRINUS CARPIO (COMMON CARP)//P81014
 F-NT2RM2000612//ZINC FINGER PROTEIN GCS1//7.2e-05:155:29//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST)//P35197
 F-NT2RM2000623//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR//1.8e-09:196:33//SACCHAROMY-
 15 CES CEREVISIAE (BAKER'S YEAST)//P32323
 F-NT2RM2000624//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR//0.070:113:27//DROSOPHILA ERECTA
 (FRUIT FLY)//P13730
 F-NT2RM2000635//SPERM PROTAMINE P1//0.54:47:38//ANTECHINUS STUARTII//P42129
 F-NT2RM2000636//OUTER MEMBRANE PROTEIN H.8 PRECURSOR//0.096:62:35//NEISSERIA GONOR-
 20 RHOEAE//P11910
 F-NT2RM2000639//HYPOTHETICAL PROTEIN MJ0243//0.99:32:34//METHANOCOCCUS JANNASCHII//
 Q57694
 F-NT2RM2000649//NEURONAL CALCIUM SENSOR 1 (NCS-1)//0.00049:70:35//RATTUS NORVEGICUS
 (RAT), AND GALLUS GALLUS (CHICKEN)//P36610
 25 F-NT2RM2000669//50S RIBOSOMAL PROTEIN L34//1.0:34:44//BACILLUS SUBTILIS//P05647
 F-NT2RM2000691//ACTIN-LIKE PROTEIN 3 (ACTIN-2)//7.0e-116:243:87//HOMO SAPIENS (HUMAN), AND
 BOS TAURUS (BOVINE)//P32391
 F-NT2RM2000714//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-I)//3.8e-21:174:35//HO-
 MO SAPIENS (HUMAN)//Q15404
 30 F-NT2RM2000718//HYPOTHETICAL 52.9 KD SERINE-RICH PROTEIN C11G7.01 IN CHROMOSOME I//0.0022:
 174:29//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//O13695
 F-NT2RM2000735//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6)//1.6e-102:246:74//HOMO SAPIENS
 (HUMAN)//P28160
 F-NT2RM2000740//HYPOTHETICAL 131.1 KD HELICASE IN ALG7-ENP1 INTERGENIC REGION//8.5e-51:212:
 35 49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38144
 F-NT2RM2000795//ALU SUBFAMILY SB WARNING ENTRY !!!!!//9.0e-41:125:53//HOMO SAPIENS (HU-
 MAN)//P39189
 F-NT2RM2000821//COATOMER BETA SUBUNIT (BETA-COAT PROTEIN) (BETA-COP)//1.1e-128:291:89//
 RATTUS NORVEGICUS (RAT)//P23514
 40 F-NT2RM2000837//CYCLIN-DEPENDENT KINASE INHIBITOR 1C (CYCLIN-DEPENDENT KINASE INHIBITOR
 P57) (P57KIP2)//3.9e-05:113:36//HOMO SAPIENS (HUMAN)//P49918
 F-NT2RM2000951//HYPOTHETICAL 60.3 KD PROTEIN R08D7.7 IN CHROMOSOME III//2.5e-49:273:39//
 CAENORHABDITIS ELEGANS//P30646
 F-NT2RM2000952//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H)
 45 (FRAGMENT)//0.037:234:23//RATTUS NORVEGICUS (RAT)//P16884
 F-NT2RM2000984//HYPOTHETICAL 54.7 KD PROTEIN F37A4.1 IN CHROMOSOME III//6.3e-44:216:43//
 CAENORHABDITIS ELEGANS//P41879
 F-NT2RM2001004//SYNAPSINS IA AND IB//0.15:178:32//RATTUS NORVEGICUS (RAT)//P09951
 F-NT2RM2001035//CCR4-ASSOCIATED FACTOR 1 (CAF1)//1.4e-87:188:90//MUS MUSCULUS (MOUSE)//
 50 Q60809
 F-NT2RM2001065//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6)//0.53:122:31//TRYPANOSOMA BRU-
 CEI BRUCEI//P24499
 F-NT2RM2001100//HYPOTHETICAL 39.7 KD PROTEIN C34E10.2 IN CHROMOSOME III//3.4e-13:171:30//
 CAENORHABDITIS ELEGANS//P46577
 55 F-NT2RM2001105//SPORE COAT PROTEIN SP96//7.8e-06:141:34//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD)//P14328
 F-NT2RM2001131//PROBABLE EUKARYOTIC INITIATION FACTOR C17C9.03//2.3e-18:249:31//SCHIZOSAC-
 CHAROMYCES POMBE (FISSION YEAST)//Q10475

F-NT2RM2001141//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III.//0.050:134:26//
 CAENORHABDITIS ELEGANS.//P34681
 F-NT2RM2001152
 F-NT2RM2001177//COLLAGEN ALPHA 1(XIV) CHAIN PRECURSOR (UNDULIN).//0.86:42:40//GALLUS GAL-
 LUS (CHICKEN).//P32018
 F-NT2RM2001194//SMOOTHELIN.//4.7e-05:77:32//HOMO SAPIENS (HUMAN).//P53814
 F-NT2RM2001196//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.7e-18:218:35//MUS MUSCULUS
 (MOUSE).//P05143
 F-NT2RM2001201//CYSTEINE STRING PROTEIN (CCCS1).//0.041:22:59//TORPEDO CALIFORNICA (PACIFIC
 ELECTRIC RAY).//P56101
 F-NT2RM2001221//KALIRIN (PAM COOH-TERMINAL INTERACTOR PROTEIN 10) (P-CIP10).//1.3e-13:183:32//
 RATTUS NORVEGICUS (RAT).//P97924
 F-NT2RM2001238//GLUTAMINASE, KIDNEY ISOFORM PRECURSOR (EC 3.5.1.2) (GLS) (L-GLUTAMINE AMI-
 DOHYDROLASE).//6.5e-121:218:98//RATTUS NORVEGICUS (RAT).//P13264
 F-NT2RM2001243//HYPOTHETICAL 200.0 KD PROTEIN IN GZF3-IME2 INTERGENIC REGION.//0.00019:177:
 27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P42945
 F-NT2RM2001247//LEGUMIN B (FRAGMENT).//0.22:54:35//PISUM SATIVUM (GARDEN PEA).//P14594
 F-NT2RM2001256//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//1.8e-109:207:98//MUS MUS-
 CULUS (MOUSE).//P53995
 F-NT2RM2001291//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.016:22:40//HOMO SAPIENS
 (HUMAN).//P22531
 F-NT2RM2001306//REF(2)P PROTEIN.//0.61:51:33//DROSOPHILA MELANOGASTER (FRUIT FLY).//P14199
 F-NT2RM2001312//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//7.2e-11:33:72//HOMO SAPIENS (HUMAN).//
 P39195
 F-NT2RM2001319
 F-NT2RM2001324//ZYGXIN.//5.1e-22:91:38//GALLUS GALLUS (CHICKEN).//Q04584
 F-NT2RM2001345//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//7.4e-10:159:27//PODOSPORA AN-
 SERINA.//Q00808
 F-NT2RM2001360//ACCESSORY GLAND PEPTIDE PRECURSOR (PARAGONIAL PEPTIDE B).//1.0:27:48//
 DROSOPHILA MELANOGASTER (FRUIT FLY).//P05623
 F-NT2RM2001370//NAPE PROTEIN.//0.98:44:31//PARACOCCLUS DENITRIFICANS (SUBSP. THIOSPHAERA
 PANTOTROPHA).//Q56348
 F-NT2RM2001393//VITELLOGENIN PRECURSOR (VTG) [CONTAINS: LIPOVITELLIN LV-1N; LIPOVITELLIN
 LV-1C; LIPOVITELLIN LV-2].//0.0024:163:31//ICHTHYOMYZON UNICUSPUS (SILVER LAMPREY).//Q91062
 F-NT2RM2001420
 F-NT2RM2001424//HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN U (HNRNP U).//2.4e-41:140:59//
 HOMO SAPIENS (HUMAN).//Q00839
 F-NT2RM2001499//HIGH-AFFINITY CATIONIC AMINO ACID TRANSPORTER-1 (CAT-1) (CAT1) (SYSTEM Y+
 BASIC AMINO ACID TRANSPORTER) (ECOTROPIC RETROVIRAL LEUKEMIA RECEPTOR HOMOLOG) (ERR)
 (ECOTROPIC RETROVIRUS RECEPTOR HOMOLOG).//3.7e-71:201:68//HOMO SAPIENS (HUMAN).//P30825
 F-NT2RM2001504//CUTICLE COLLAGEN 2.//0.028:41:39//CAENORHABDITIS ELEGANS.//P17656
 F-NT2RM2001524//HYPOTHETICAL 61.3 KD PROTEIN F25B5.5 IN CHROMOSOME III.//6.7e-47:190:42//
 CAENORHABDITIS ELEGANS.//Q09316
 F-NT2RM2001544//TELOMERE-BINDING PROTEIN 51 KD SUBUNIT.//0.0027:136:33//EUPLOTES
 CRASSUS.//Q06184
 F-NT2RM2001547//HYPOTHETICAL 48.6 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION.//8.5e-18:91:50//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40564
 F-NT2RM2001575//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A)).//3.9e-
 35:212:41//HOMO SAPIENS (HUMAN).//P19474
 F-NT2RM2001582//RESA PROTEIN.//0.0033:72:27//BACILLUS SUBTILIS.//P35160
 F-NT2RM2001588//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//1.0e-06:115:32//ZEA MAYS
 (MAIZE).//P14918
 F-NT2RM2001592//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//0.033:156:23//HO-
 MO SAPIENS (HUMAN).//P26371
 F-NT2RM2001605//RETINOBLASTOMA BINDING PROTEIN 2 (RBBP-2).//1.1e-116:249:82//HOMO SAPIENS
 (HUMAN).//P29375
 F-NT2RM2001613//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//1.2e-97:192:100//RATTUS
 NORVEGICUS (RAT).//P38378

F-NT2RM2001632//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//0.00068:145:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32323
 F-NT2RM2001635//NUCLEAR ENVELOPE PORE MEMBRANE PROTEIN POM 121 (PORE MEMBRANE PROTEIN OF 121 KD) (P145).//1.1e-39:235:47//RATTUS NORVEGICUS (RAT).//P52591
 5 F-NT2RM2001637//HYPOTHETICAL BHLF1 PROTEIN.//0.075:197:29//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-NT2RM2001641//NADH-CYTOCHROME B5 REDUCTASE (EC 1.6.2.2) (B5R).//0.013:29:68//HOMO SAPIENS (HUMAN).//P00387
 F-NT2RM2001648//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//3.2e-65:132:100//CANIS FAMILIARIS (DOG).//P38377
 10 F-NT2RM2001652//PROTEIN TRANSPORT PROTEIN SEC7.//1.6e-32:261:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P11075
 F-NT2RM2001659//CARBOXYPEPTIDASE A INHIBITOR.//0.83:30:46//ASCARIS SUUM (PIG ROUNDWORM) (ASCARIS LUMBRICOIDES).//P19399
 15 F-NT2RM2001664//IKI3 PROTEIN.//1.3e-31:265:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q06706
 F-NT2RM2001668//TONB PROTEIN.//0.32:39:41//XANTHOMONAS CAMPESTRIS (PV. CAMPESTRIS).//O34261
 F-NT2RM2001670//ZINC FINGER PROTEIN 174.//3.6e-21:172:39//HOMO SAPIENS (HUMAN).//Q15697
 20 F-NT2RM2001671//HYPOTHETICAL 118.6 KD PROTEIN C29E6.03C IN CHROMOSOME I.//1.6e-10:229:24//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09857
 F-NT2RM2001675//DIHYDRODIPICOLINATE SYNTHASE (EC 4.2.1.52) (DHDPS).//1.0:184:21//METHANOCOCCUS JANNASCHII.//Q57695
 F-NT2RM2001681//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1).//0.0039:199:22//DROSOPHILA MELANOGASTER (FRUIT FLY).//P54399
 25 F-NT2RM2001688//HYPOTHETICAL 28.1 KD PROTEIN IN SIPU-PBPC INTERGENIC REGION.//2.6e-21:162:33//BACILLUS SUBTILIS.//P42966
 F-NT2RM2001695//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//4.9e-41:60:81//HOMO SAPIENS (HUMAN).//P39194
 30 F-NT2RM2001696//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//9.8e-16:126:38//AUTOGRAPHIA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV).//P41479
 F-NT2RM2001698//PENAEIDIN-3B PRECURSOR (P3-B).//0.36:52:34//PENAEUS VANNAMEI (PENOEID SHRIMP) (EUROPEAN WHITE SHRIMP).//P81059
 F-NT2RM2001699//TRANSCRIPTION INITIATION FACTOR TFIID 30 KD SUBUNIT (TAFII-30) (TAFII30).//0.0012:79:40//HOMO SAPIENS (HUMAN).//Q12962
 35 F-NT2RM2001700//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC (EC 1.3.99.-) (VLCAD) (FRAGMENT).//1.0e-30:140:53//MUS MUSCULUS (MOUSE).//P50544
 F-NT2RM2001706//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.5e-33:95:75//HOMO SAPIENS (HUMAN).//P39195
 40 F-NT2RM2001716//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR.//0.010:116:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47179
 F-NT2RM2001718//METHYL-ACCEPTING CHEMOTAXIS PROTEIN TLPB.//0.00029:77:37//BACILLUS SUBTILIS.//P39217
 F-NT2RM2001723//POSTERIOR PITUITARY PEPTIDE.//0.94:26:53//BOS TAURUS (BOVINE).//P01154
 45 F-NT2RM2001727//E7 PROTEIN.//0.91:46:34//HUMAN PAPILLOMAVIRUS TYPE 23.//P50781
 F-NT2RM2001730//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE K02C4.3 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING ENZYME).//4.9e-07:139:29//CAENORHABDITIS ELEGANS.//Q09931
 F-NT2RM2001743//PROENKEPHALIN A PRECURSOR.//0.75:65:35//CAVIA PORCELLUS (GUINEA PIG).//P47969
 50 F-NT2RM2001753//HYPOTHETICAL PROTEIN KIAA0210.//1.5e-14:119:36//HOMO SAPIENS (HUMAN).//Q92609
 F-NT2RM2001760//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//8.3e-58:119:99//CANIS FAMILIARIS (DOG).//P38377
 55 F-NT2RM2001768//HYPOTHETICAL PROTEIN UL25.//0.45:77:32//HUMAN CYTOMEGALOVIRUS (STRAIN AD169).//P16761
 F-NT2RM2001771//ZINC FINGER PROTEIN 135.//4.6e-80:224:60//HOMO SAPIENS (HUMAN).//P52742
 F-NT2RM2001782//MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSE-1-

PHOSPHATE GUANYLYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE).//7.0e-06:61:45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P41940
 F-NT2RM2001784//HYPOTHETICAL PROTEIN UL61.//0.00070:145:33//HUMAN CYTOMEGALOVIRUS (STRAIN AD169).//P16818
 5 F-NT2RM2001785//LINOLEOYL-COA DESATURASE (EC 1.14.99.25) (DELTA(6)-DESATURASE).//1.5e-08:127:32//SYNECHOCYSTIS SP. (STRAIN PCC 6803).//Q08871
 F-NT2RM2001797//ZINC FINGER PROTEIN 135.//1.6e-73:267:49//HOMO SAPIENS (HUMAN).//P52742
 F-NT2RM2001800//HYPOTHETICAL HELICASE MG018/MG017/MG016 HOMOLOG.//3.9e-12:171:33//MYCOPLASMA PNEUMONIAE.//P75093
 10 F-NT2RM2001803//IKI3 PROTEIN.//1.6e-38:283:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q06706
 F-NT2RM2001805//COLD SHOCK-LIKE PROTEIN CSPH.//0.51:46:32//SALMONELLA TYPHIMURIUM.//O33793
 F-NT2RM2001813//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS CONTAINING PROTEIN C14B1.4 IN CHROMOSOME III.//5.0e-05:82:32//CAENORHABDITIS ELEGANS.//Q17963
 15 F-NT2RM2001823//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 2 (CHD-2).//3.6e-49:233:45//HOMO SAPIENS (HUMAN).//O14647
 F-NT2RM2001839//RETICULOCALBIN 1 PRECURSOR.//5.2e-65:222:56//HOMO SAPIENS (HUMAN).//Q15293
 F-NT2RM2001840/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!//9.6e-33:102:68//HOMO SAPIENS (HUMAN).//P39194
 20 F-NT2RM2001855//BASP1 PROTEIN.//0.054:120:30//HOMO SAPIENS (HUMAN).//P80723
 F-NT2RM2001867//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION.//4.1e-19:88:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53867
 F-NT2RM2001879//HYPOTHETICAL 47.3 KD PROTEIN C22G7.07C IN CHROMOSOME I.//5.9e-15:76:38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09800
 25 F-NT2RM2001886//HYPOTHETICAL 126.9 KD PROTEIN C22G7.04 IN CHROMOSOME I.//1.4e-41:249:38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09798
 F-NT2RM2001896//HYPOTHETICAL 83.2 KD PROTEIN IN KAR4-PBN1 INTERGENIC REGION.//2.1e-59:197:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P25582
 30 F-NT2RM2001903//HYPOTHETICAL PROTEIN MJ0263.//0.070:132:31//METHANOCOCCUS JANNASCHII.//O06917
 F-NT2RM2001930//THROMBOSPONDIN 2 PRECURSOR.//7.1e-05:53:47//MUS MUSCULUS (MOUSE).//Q03350
 F-NT2RM2001935//PUTATIVE CUTICLE COLLAGEN F55C10.3.//0.00046:116:35//CAENORHABDITIS ELEGANS.//Q21184
 35 F-NT2RM2001936//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//4.5e-27:216:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P28320
 F-NT2RM2001950//HIRUDIN HV1 (BUFRUDIN).//0.59:43:34//HIRUDINARIA MANILLENSIS (BUFFALO LEECH).//P81492
 40 F-NT2RM2001982//GUANINE NUCLEOTIDE-BINDING PROTEIN G(I)/G(S)/G(O) GAMMA-8 SUBUNIT (G GAMMA-C).//0.72:35:42//BOS TAURUS (BOVINE).//P50154
 F-NT2RM2001983//PROLINE-RICH PEPTIDE P-B.//0.00035:23:52//HOMO SAPIENS (HUMAN).//P02814
 F-NT2RM2001989//NUCLEOLAR PROTEIN NOP4 (NUCLEOLAR PROTEIN NOP77).//8.6e-24:197:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P37838
 45 F-NT2RM2001997
 F-NT2RM2001998//IMMEDIATE-EARLY PROTEIN IE180.//0.076:92:27//PSEUDORABIES VIRUS (STRAIN INDIANA-FUNKHAUSER / BECKER) (PRV).//P11675
 F-NT2RM2002004//SLF1 PROTEIN.//3.5e-06:235:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q12034
 50 F-NT2RM2002014//HYPOTHETICAL PROTEIN HI0568.//2.1e-17:235:29//HAEMOPHILUS INFLUENZAE.//P71353
 F-NT2RM2002030//GLUCOSAMINE-FRUCTOSE-6-PHOSPHATE AMINOTRANSFERASE [ISOMERIZING] (EC 2.6.1.16) (HEXOSEPHOSPHATE AMINOTRANSFERASE) (D-FRUCTOSE-6-PHOSPHATE AMIDOTRANSFERASE) (GFAT).//9.5e-105:271:76//MUS MUSCULUS (MOUSE).//P47856
 55 F-NT2RM2002049//SMALL PROLINE-RICH PROTEIN 2-1.//0.099:41:41//HOMO SAPIENS (HUMAN).//P35326
 F-NT2RM2002055//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS13.//0.012:217:24//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q07878
 F-NT2RM2002088//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//

1.1e-09:65:53//MUS MUSCULUS (MOUSE)//Q61990
 F-NT2RM2002091//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//0.072:74:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53214
 F-NT2RM2002100//ATP-DEPENDENT RNA HELICASE ROK1.//4.5e-50:289:41//SACCHAROMYCES CEREVI-
 5 SIAE (BAKER'S YEAST)//P45818
 F-NT2RM2002109//NT-3 GROWTH FACTOR RECEPTOR PRECURSOR (EC 2.7.1.112) (TRKC TYROSINE KI-
 NASE) (GP145-TRKC) (TRK-C).//1.4e-14:203:32//RATTUS NORVEGICUS (RAT)//Q03351
 F-NT2RM2002128//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//0.0025:139:31//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P17437
 10 F-NT2RM2002142//GASTRULATION SPECIFIC PROTEIN G12.//9.2e-20:42:73//BRACHYDANIO RERIO (ZE-
 BRAFISH) (ZEBRA DANIO)//P47805
 F-NT2RM2002145//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT 12 PRECURSOR.//0.0085:200:26//
 TRITICUM AESTIVUM (WHEAT)//P08488
 F-NT2RM2002178//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//5.8e-05:56:39//BOS TAURUS (BO-
 15 VINE)//P25508
 F-NT2RM2002580//CCAAT-BINDING TRANSCRIPTION FACTOR SUBUNIT A (CBF-A) (NF-Y PROTEIN CHAIN
 B) (NF-YB) (CAAT-BOX DNA BINDING PROTEIN SUBUNIT B).//2.9e-14:96:37//PETROMYZON MARINUS (SEA
 LAMPREY)//P25210
 F-NT2RM4000024//DNA-DIRECTED RNA POLYMERASE III 128 KD POLYPEPTIDE (EC 2.7.7.6) (RNA
 20 POLYMERASE III SUBUNIT 2).//8.6e-95:271:67//DROSOPHILA MELANOGASTER (FRUIT FLY)//P25167
 F-NT2RM4000027//INTERFERON-ACTIVATABLE PROTEIN 202 (IFI-202).//0.99:72:31//MUS MUSCULUS
 (MOUSE)//P15091
 F-NT2RM4000030//LAS1 PROTEIN.//1.4e-14:184:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P36146
 25 F-NT2RM4000046//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT).//0.99:120:28//RATTUS NORVEGICUS
 (RAT)//P13941
 F-NT2RM4000061
 F-NT2RM4000085//ATP-DEPENDENT RNA HELICASE A (NUCLEAR DNA HELICASE II) (NDH II) (DEAD BOX
 PROTEIN 9) (MHEL-5).//8.5e-40:263:38//MUS MUSCULUS (MOUSE).//O70133
 30 F-NT2RM4000086//HYPOTHETICAL PROTEIN HI1497.//1.0:27:37//HAEMOPHILUS INFLUENZAE//P44221
 F-NT2RM4000104//ZINC FINGER PROTEIN 134.//1.0e-26:64:56//HOMO SAPIENS (HUMAN)//P52741
 F-NT2RM4000139//PREPROTEIN TRANSLOCASE SECE SUBUNIT.//0.99:38:42//THERMOTOGA MARITIMA.//
 P35874
 F-NT2RM4000155//THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.3) (THREONINE-TRNA
 35 LIGASE) (THRRS).//6.3e-34:181:40//HOMO SAPIENS (HUMAN)//P26639
 F-NT2RM4000156//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//
 4.6e-12:142:33//NICOTIANA TABACUM (COMMON TOBACCO)//P13983
 F-NT2RM4000167//KINESIN-LIKE PROTEIN KIF4.//3.4e-123:269:91//MUS MUSCULUS (MOUSE).//P33174
 F-NT2RM4000169//M PROTEIN, SEROTYPE 2.2 PRECURSOR.//9.7e-10:229:26//STREPTOCOCCUS PYO-
 40 GENES//P50469
 F-NT2RM4000191//P68-LIKE PROTEIN.//2.1e-11:104:40//SACCHAROMYCES CEREVISIAE (BAKER'S
 YEAST).//P24783
 F-NT2RM4000197//CUTICLE PROTEIN CP463 (CPCP463).//0.84:29:37//CANCER PAGURUS (ROCK CRAB).//
 P81587
 45 F-NT2RM4000199//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//1.8e-06:187:34//HOMO SAPIENS (HUMAN)//P10162
 F-NT2RM4000200//HYPOTHETICAL 9.4 KD PROTEIN IN FLAL 3'REGION (ORF3).//0.52:42:40//BACILLUS LI-
 CHENIFORMIS.//P22754
 F-NT2RM4000202//COLLAGEN ALPHA 1(VIII) CHAIN PRECURSOR (ENDOTHELIAL COLLAGEN).//0.00044:
 50 168:32//ORYCTOLAGUS CUNICULUS (RABBIT)//P14282
 F-NT2RM4000210//EXTENSIN PRECURSOR.//0.27:129:27//DAUCUS CAROTA (CARROT).//P06599
 F-NT2RM4000215//MAK16 PROTEIN.//2.0e-65:234:52//SACCHAROMYCES CEREVISIAE (BAKER'S
 YEAST).//P10962
 F-NT2RM4000229//GAR2 PROTEIN.//0.13:217:26//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//
 55 P41891
 F-NT2RM4000233//TRANSMEMBRANE PROTEIN SEX PRECURSOR.//0.047:108:30//HOMO SAPIENS (HU-
 MAN).//P51805
 F-NT2RM4000244//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.67:59:27//BALAENOPTERA

PHYSALUS (FINBACK WHALE) (COMMON RORQUAL).//P24947
 F-NT2RM4000251//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//0.0059:108:35//MUS MUSCULUS (MOUSE).//P05143
 F-NT2RM4000265/////ALU SUBFAMILY J WARNING ENTRY !!!!!//8.1e-38:70:70//HOMO SAPIENS (HUMAN).//P39188
 5 F-NT2RM4000290//TRANSDUCIN-LIKE ENHANCER PROTEIN 3 (ESG3).//1.6e-115:209:94//HOMO SAPIENS (HUMAN).//Q04726
 F-NT2RM4000324//PRESPORE PROTEIN DP87 PRECURSOR.//0.14:136:30//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//Q04503
 10 F-NT2RM4000327//HYPOTHETICAL 8.9 KD PROTEIN IN IE0-IE1 INTERGENIC REGION.//0.91:73:28//AUTOGRAPHIA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV).//P41703
 F-NT2RM4000344//YME1 PROTEIN HOMOLOG (EC 3.4.24.-).//9.4e-78:241:55//CAENORHABDITIS ELE-GANS.//P54813
 F-NT2RM4000349//CYSTEINE STRING PROTEIN (CCCS1).//0.055:22:59//TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY).//P56101
 15 F-NT2RM4000354//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//4.6e-26:208:35//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q24371
 F-NT2RM4000356//COAT PROTEIN.//0.11:105:36//SATELLITE TOBACCO MOSAIC VIRUS (STMV).//P17574
 F-NT2RM4000366//IMMEDIATE-EARLY PROTEIN.//1.2e-05:215:24//HERPES VIRUS SAIMIRI (STRAIN 11).//Q01042
 20 F-NT2RM4000368//HYPOTHETICAL 7.3 KD PROTEIN IN RPBA-GP46 INTERGENIC REGION.//0.54:46:36//BACTERIOPHAGE RB69.//O64300
 F-NT2RM4000386//RHSC PROTEIN PRECURSOR.//0.0096:162:29//ESCHERICHIA COLI.//P16918
 F-NT2RM4000395//HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION.//4.5e-66:256:53//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43616
 25 F-NT2RM4000414//HYPOTHETICAL 6.0 KD PROTEIN IN THI12 5'REGION.//0.13:33:48//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53820
 F-NT2RM4000421//MRNA TRANSPORT REGULATOR MTR10.//5.0e-13:171:29//SACCHAROMYCES CEREVI-SIAE (BAKER'S YEAST).//Q99189
 30 F-NT2RM4000425/////ALU SUBFAMILY SP WARNING ENTRY !!!!!//2.1e-25:46:80//HOMO SAPIENS (HUMAN).//P39193
 F-NT2RM4000433//CUTICLE COLLAGEN 3A3.//2.5e-06:77:38//HAEMONCHUS CONTORTUS.//P16253
 F-NT2RM4000457//HYPOTHETICAL 111.9 KD PROTEIN C22H10.03C IN CHROMOSOME I.//4.3e-09:215:22//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10297
 35 F-NT2RM4000471//TRNA SPLICING PROTEIN SPL1.//6.7e-73:163:65//CANDIDA ALBICANS (YEAST).//P87185
 F-NT2RM4000486//COLLAGEN ALPHA 2(VI) CHAIN PRECURSOR.//0.0012:121:34//GALLUS GALLUS (CHICKEN).//P15988
 F-NT2RM4000496//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RNA POLYMER-ASE II SUBUNIT 1).//5.9e-09:175:35//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P36594
 40 F-NT2RM4000511//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR.//0.020:122:31//DROSOPHILA SIMU-LANS (FRUIT FLY).//P13729
 F-NT2RM4000514//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6).//0.46:68:32//ARTEMIA SANFRAN-CISCANA (BRINE SHRIMP) (ARTEMIA FRANCISCANA).//Q37708
 45 F-NT2RM4000515//GAR2 PROTEIN.//3.2e-05:198:27//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P41891
 F-NT2RM4000520//HYPOTHETICAL 7.5 KD PROTEIN (ORF 63).//0.011:55:38//SPINACIA OLERACEA (SPIN-ACH).//P08974
 F-NT2RM4000531//ZINC FINGER PROTEIN 169 (FRAGMENT).//3.6e-44:244:42//HOMO SAPIENS (HUMAN).//Q14929
 50 F-NT2RM4000532//PUTATIVE MEMBRANE PROTEIN 53.//1.0:47:34//HERPES VIRUS SAIMIRI (STRAIN 11).//Q01049
 F-NT2RM4000534//HYPOTHETICAL 5.9 KD PROTEIN IN WRBA-PUTA INTERGENIC REGION.//0.75:26:46//ESCHERICHIA COLI.//P56614
 55 F-NT2RM4000585//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P16; CORE PROTEIN P26].//0.019:86:34//HUMAN IMMUNODEFICIENCY VIRUS TYPE 2 (ISOLATE SBLIS Y) (HIV-2).//P12450
 F-NT2RM4000590//RING CANAL PROTEIN (KELCH PROTEIN).//5.0e-23:224:29//DROSOPHILA MELA-NOGASTER (FRUIT FLY).//Q04652

F-NT2RM4000595//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III.//3.8e-62:226:50//
 CAENORHABDITIS ELEGANS.//P34284
 F-NT2RM4000603//SRC SUBSTRATE CORTACTIN (AMPLAXIN) (EMS1 ONCOGENE).//0.077:132:22//HOMO
 SAPIENS (HUMAN).//Q14247
 5 F-NT2RM4000611//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS CONTAINING PROTEIN C14B1.4 IN CHRO-
 MOSOME III.//1.9e-06:82:32//CAENORHABDITIS ELEGANS.//Q17963
 F-NT2RM4000616//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//5.3e-79:213:62//ESCHERICHIA COLI.//P27550
 F-NT2RM4000674//HYPOTHETICAL SYMPORTER SLL1374.//1.3e-11:147:32//SYNECHOCYSTIS SP. (STRAIN
 10 PCC 6803).//P74168
 F-NT2RM4000689
 F-NT2RM4000698//CHORION CLASS HIGH-CYSTEINE HCA PROTEIN 12 PRECURSOR (HC-A.12).//0.26:45:
 33//BOMBYX MORI (SILK MOTH).//P05687
 F-NT2RM4000700//THIOPHENE AND FURAN OXIDATION PROTEIN THDF.//0.95:165:25//BORRELIA BURG-
 15 DORFERI (LYME DISEASE SPIROCHETE).//P53364
 F-NT2RM4000712//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME).//2.2e-82:152:63//CAENORHABDITIS ELEGANS.//P34547
 F-NT2RM4000717//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR.//0.80:54:40//DROSOPHILA SIMULANS
 20 (FRUIT FLY).//P13729
 F-NT2RM4000733//OCTAPEPTIDE-REPEAT PROTEIN T2.//1.5e-08:139:28//MUS MUSCULUS (MOUSE).//
 Q06666
 F-NT2RM4000734//GASTRULA ZINC FINGER PROTEIN XLCGF26.1 (FRAGMENT).//7.2e-20:205:28//XENO-
 PUS LAEVIS (AFRICAN CLAWED FROG).//P18715
 25 F-NT2RM4000741//SPERM PROTAMINE P1.//0.89:52:38//ISOODON MACROURUS (SHORT-NOSED BANDI-
 COOT).//P42136
 F-NT2RM4000751//ZINC FINGER PROTEIN 26 (ZFP-26) (MKR3 PROTEIN) (FRAGMENT).//5.2e-77:246:52//
 MUS MUSCULUS (MOUSE).//P10076
 F-NT2RM4000764//KERATIN, GLYCINE/TYROSINE-RICH OF HAIR.//0.062:33:42//OVIS ARIES (SHEEP).//
 30 Q02958
 F-NT2RM4000778
 F-NT2RM4000779//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//0.014:53:45//VOLVOX CARTERI.//
 P21997
 F-NT2RM4000787//BONE MORPHOGENETIC PROTEIN 1 PRECURSOR (EC 3.4.24.-) (BMP-1).//0.00011:73:
 39//MUS MUSCULUS (MOUSE).//P98063
 35 F-NT2RM4000790//SPORE COAT PROTEIN SP96.//0.00083:157:29//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD).//P14328
 F-NT2RM4000795//CHOLINESTERASE PRECURSOR (EC 3.1.1.8) (ACYLCHOLINE ACYLHYDROLASE)
 (CHOLINE ESTERASE II) (BUTYRYLCHOLINE ESTERASE) (PSEUDOCOLINESTERASE).//7.4e-41:271:36//
 40 HOMO SAPIENS (HUMAN).//P06276
 F-NT2RM4000796//5-METHYLCYTOSINE-SPECIFIC RESTRICTION ENZYME B (EC 3.1.21.-).//0.28:82:30//ES-
 CHERICHIA COLI.//P15005
 F-NT2RM4000798//PROTEIN TRANSPORT PROTEIN SEC7.//4.7e-38:165:48//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P11075
 45 F-NT2RM4000813//METALLOTHIONEIN-IB.//0.0025:25:44//OVIS ARIES (SHEEP).//P09577
 F-NT2RM4000820
 F-NT2RM4000833//HYPOTHETICAL PROTEIN MJ1136.//6.5e-42:206:41//METHANOCOCCUS JANNASCHII.//
 Q58536
 F-NT2RM4000848//BRAIN-SPECIFIC HOMEBOX/POU DOMAIN PROTEIN 3A (BRN-3A) (BRN-3.0).//0.00060:
 50 159:33//MUS MUSCULUS (MOUSE).//P17208
 F-NT2RM4000852//SMALL PROLINE-RICH PROTEIN 2B (SPR-2B).//0.0076:13:69//HOMO SAPIENS (HU-
 MAN).//P35325
 F-NT2RM4000855//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//0.0060:68:44//HOMO SAPIENS (HUMAN).//
 P39194
 55 F-NT2RM4000887//RTS1 PROTEIN (SCS1 PROTEIN).//0.23:153:24//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P38903
 F-NT2RM4000895//HYPOTHETICAL 53.5 KD PROTEIN IN PHO2-POL3 INTERGENIC REGION.//3.3e-09:80:
 46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43123

F-NT2RM4000950//HYPOTHETICAL PROTEIN MJ0572.//0.090:68:29//METHANOCOCCUS JANNASCHII.//
 Q57992
 F-NT2RM4000971//KINESIN LIGHT CHAIN (KLC).//0.79:201:24//LOLIGO PEALEII (LONGFIN SQUID).//P46825
 F-NT2RM4000979//MYOSIN REGULATORY LIGHT CHAIN 2, NONSARCOMERIC (MYOSIN RLC).//1.2e-07:25:
 5 96//HOMO SAPIENS (HUMAN).//P19105
 F-NT2RM4000996//ZINC FINGER PROTEIN 37 (ZFP-37) (MALE GERM CELL SPECIFIC ZINC FINGER PRO-
 TEIN).//1.4e-56:253:46//MUS MUSCULUS (MOUSE).//P17141
 F-NT2RM4001002
 F-NT2RM4001016//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P15; INNER COAT PROTEIN P12;
 10 CORE SHELL PROTEIN P30].//0.25:101:31//FBR MURINE OSTEOSARCOMA VIRUS.//P29175
 F-NT2RM4001032//CUTICLE COLLAGEN 2.//2.6e-07:130:39//CAENORHABDITIS ELEGANS.//P17656
 F-NT2RM4001047//MO25 PROTEIN.//5.6e-107:252:80//MUS MUSCULUS (MOUSE).//Q06138
 F-NT2RM4001054//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//9.0e-109:209:94//CANIS FA-
 MILIARIS (DOG).//P38377
 15 F-NT2RM4001084//HYPOTHETICAL TRANSCRIPTIONAL REGULATOR IN UXUR-IADA INTERGENIC RE-
 GION.//0.57:95:30//ESCHERICHIA COLI.//P39376
 F-NT2RM4001092//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//2.5e-47:231:47//
 CAENORHABDITIS ELEGANS.//Q09531
 F-NT2RM4001116//HYPOTHETICAL 216.3 KD PROTEIN R06F6.8 IN CHROMOSOME II.//1.3e-08:243:23//
 20 CAENORHABDITIS ELEGANS.//Q09417
 F-NT2RM4001140//HOMEBOX PROTEIN MSH-D.//7.1e-13:103:38//BRACHYDANIO RERIO (ZEBRAFISH)
 (ZEBRA DANIO).//Q01704
 F-NT2RM4001151//SYNAPSINS IA AND IB (BRAIN PROTEIN 4.1).//0.26:96:34//HOMO SAPIENS (HUMAN).//
 P17600
 25 F-NT2RM4001155//ADRENAL MEDULLA 50 KD PROTEIN.//3.6e-103:201:91//BOS TAURUS (BOVINE).//
 Q27969
 F-NT2RM4001160//GLUTATHIONE S-TRANSFERASE (EC 2.5.1.18) (CLASS-PHI) (FRAGMENTS).//1.0:33:36//
 BRASSICA OLERACEA (CAULIFLOWER).//P48438 F-NT2RM4001187//PREPROTEIN TRANSLOCASE SECA
 SUBUNIT.//0.44:158:27//MYCOPLASMA GENITALIUM.//P47318
 30 F-NT2RM4001191//LONG NEUROTOXIN 2 (TOXIN C).//0.99:44:43//ASTROTIA STOKESI (STOKES'S SEA
 SNAKE) (DITEIRA STOKESI).//P01381
 F-NT2RM4001200//ZINC FINGER PROTEIN 135.//2.2e-82:245:59//HOMO SAPIENS (HUMAN).//P52742
 F-NT2RM4001203//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//0.028:94:
 40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53214
 35 F-NT2RM4001204//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66).//0.0096:182:34//HOMO
 SAPIENS (HUMAN).//Q15428
 F-NT2RM4001217//RING CANAL PROTEIN (KELCH PROTEIN).//2.1e-21:221:29//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RM4001256//CBP3 PROTEIN PRECURSOR.//0.30:55:32//SACCHAROMYCES CEREVISIAE (BAKER'S
 40 YEAST).//P21560
 F-NT2RM4001258//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.00031:132:39//STREP-
 TOMYCES FRADIAE.//P20186
 F-NT2RM4001309//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC
 PEPTIDE P-F] (FRAGMENT).//0.048:132:28//HOMO SAPIENS (HUMAN).//P02812
 45 F-NT2RM4001313//PHOSPHATIDYLINOSITOL 3-KINASE VPS34-LIKE (EC 2.7.1.137) (PI3-KINASE) (PTDINS-
 3-KINASE) (PI3K).//2.6e-37:124:65//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P54676
 F-NT2RM4001316//ACYL-COA DEHYDROGENASE, MEDIUM-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.3)
 (MCAD).//1.7e-10:185:30//RATTUS NORVEGICUS (RAT).//P08503
 F-NT2RM4001320//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 50 CIOGENITAL DYSPLASIA PROTEIN HOMOLOG).//1.5e-08:197:26//MUS MUSCULUS (MOUSE).//P52734
 F-NT2RM4001340//UTR4 PROTEIN (UNKNOWN TRANSCRIPT 4 PROTEIN).//7.7e-14:82:36//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P32626
 F-NT2RM4001344//HYPOTHETICAL GTP-BINDING PROTEIN IN POP2-HOL1 INTERGENIC REGION.//3.3e-
 16:128:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53742
 55 F-NT2RM4001347//HYPOTHETICAL 76.9 KD PROTEIN IN RPM2-TUB1 INTERGENIC REGION.//0.067:111:33//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04511
 F-NT2RM4001371
 F-NT2RM4001382//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR.//1.0e-08:82:39//PLASMODIUM LOPHU-

RAE.//P04929
F-NT2RM4001384
F-NT2RM4001410//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//2.1e-08:185:31//SACCHAROMY-
CES CEREVISIAE (BAKER'S YEAST).//P32323
5 F-NT2RM4001411//EARLY NODULIN 20 PRECURSOR (N-20).//5.3e-05:105:38//MEDICAGO TRUNCATULA
(BARREL MEDIC).//P93329
F-NT2RM4001412//GTPASE-ACTIVATING PROTEIN (GAP) (RAS P21 PROTEIN ACTIVATOR) (P120GAP)
(RASGAP).//6.2e-17:109:41//RATTUS NORVEGICUS (RAT).//P50904
F-NT2RM4001414//ZINC FINGER PROTEIN 177.//8.3e-06:54:50//HOMO SAPIENS (HUMAN).//Q13360
10 F-NT2RM4001437//ALU SUBFAMILY SC WARNING ENTRY !!!!!2.1e-24:87:65//HOMO SAPIENS (HUMAN).//
P39192
F-NT2RM4001444//PROBABLE ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE)
(ILERS) (FRAGMENT).//2.6e-45:197:47//CIONA INTESTINALIS.//Q94425
F-NT2RM4001454//HYPOTHETICAL PROTEIN KIAA0041 (FRAGMENT).//0.0060:95:29//HOMO SAPIENS (HU-
15 MAN).//Q15057
F-NT2RM4001455//PROBABLE E5B PROTEIN.//0.41:44:36//HUMAN PAPILLOMAVIRUS TYPE 6B.//P06461
F-NT2RM4001483//ZINC FINGER PROTEIN 136.//1.7e-28:85:64//HOMO SAPIENS (HUMAN).//P52737
F-NT2RM4001489//PTB-ASSOCIATED SPLICING FACTOR (PSF).//0.086:111:34//HOMO SAPIENS (HUMAN).//
P23246
20 F-NT2RM4001519//ACID UREASE ALPHA SUBUNIT (EC 3.5.1.5) (UREA AMIDOHYDROLASE).//0.82:51:47//
LACTOBACILLUS FERMENTUM.//P26929
F-NT2RM4001522//TROPOMYOSIN.//0.030:117:23//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//
Q02088
F-NT2RM4001557
25 F-NT2RM4001565//HYPOTHETICAL 44.3 KD PROTEIN C1F7.07C IN CHROMOSOME I.//0.99:42:40//
SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09919
F-NT2RM4001566//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//0.054:190:23//SACCHAROMYCES CEREVISIAE
(BAKER'S YEAST).//P08640
30 F-NT2RM4001569//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN (ACTIVATED
PROTEIN KINASE C RECEPTOR HOMOLOG).//0.72:64:31//TRYPANOSOMA BRUCEI BRUCEI.//Q94775
F-NT2RM4001582
F-NT2RM4001592//DNA REPAIR PROTEIN RAD9.//0.00037:198:31//SACCHAROMYCES CEREVISIAE (BAK-
ER'S YEAST).//P14737
35 F-NT2RM4001594//IMMEDIATE-EARLY PROTEIN IE180.//1.9e-05:147:34//PSEUDORABIES VIRUS (STRAIN
KAPLAN) (PRV).//P33479
F-NT2RM4001597//THIOL:DISULFIDE INTERCHANGE PROTEIN TLPA (CYTOCHROME C BIOGENESIS PRO-
TEIN TLPA).//5.7e-06:122:29//BRADYRHIZOBIUM JAPONICUM.//P43221
F-NT2RM4001605//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NU-
40 CLEOPORIN) (P140).//1.7e-128:249:96//RATTUS NORVEGICUS (RAT).//P37199
F-NT2RM4001611//SIS2 PROTEIN (HALOTOLERANCE PROTEIN HAL3).//1.5e-35:128:47//SACCHAROMY-
CES CEREVISIAE (BAKER'S YEAST).//P36024
F-NT2RM4001629//MAGUK P55 SUBFAMILY MEMBER 3 (MPP3 PROTEIN) (DISCS, LARGE HOMOLOG 3).//
5.8e-42:254:37//HOMO SAPIENS (HUMAN).//Q13368
45 F-NT2RM4001650//HOMEBOX PROTEIN HOX-A4 (CHOX-1.4).//0.62:19:57//GALLUS GALLUS (CHICKEN).//
P17277
F-NT2RM4001662//PROTEIN KINASE C, ALPHA TYPE (EC 2.7.1.-) (PKC-ALPHA).//0.29:90:32//HOMO SAPI-
ENS (HUMAN).//P17252
F-NT2RM4001666//HYPOTHETICAL 48.6 KD PROTEIN IN ALPA-GABP INTERGENIC REGION.//1.1e-31:137:
50 44//ESCHERICHIA COLI.//P37339
F-NT2RM4001682//PROBABLE 60S RIBOSOMAL PROTEIN L22.//0.98:55:29//CAENORHABDITIS ELEGANS.//
P52819
F-NT2RM4001710//HYPOTHETICAL PROTEIN KIAA0039 (FRAGMENT).//0.56:113:28//HOMO SAPIENS (HU-
MAN).//Q15054
55 F-NT2RM4001714//SEPTIN 2 HOMOLOG (FRAGMENT).//1.4e-108:255:77//HOMO SAPIENS (HUMAN).//
Q14141
F-NT2RM4001715//HYPOTHETICAL PROTEIN C19G10.16 IN CHROMOSOME I (FRAGMENT).//2.1e-36:148:
38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10342

F-NT2RM4001731//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III.//1.1e-05:90:33//
 CAENORHABDITIS ELEGANS.//P34284
 F-NT2RM4001741//TALIN.//1.1e-106:208:99//MUS MUSCULUS (MOUSE).//P26039
 F-NT2RM4001746//EBNA-1 NUCLEAR PROTEIN.//1.6e-09:155:38//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 5 (HUMAN HERPESVIRUS 4).//P03211
 F-NT2RM4001754//COLLAGEN ALPHA 5(IV) CHAIN PRECURSOR.//0.93:158:33//HOMO SAPIENS (HUMAN).//
 P29400
 F-NT2RM4001758//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.-).//5.1e-113:277:79//
 HOMO SAPIENS (HUMAN).//P27448
 10 F-NT2RM4001776//MYOSIN I ALPHA (MMI-ALPHA).//2.2e-73:262:54//MUS MUSCULUS (MOUSE).//P46735
 F-NT2RM4001783//ZINC FINGER PROTEIN HRX (ALL-1) (FRAGMENT).//5.3e-26:169:39//MUS MUSCULUS
 (MOUSE).//P55200
 F-NT2RM4001810//MALE SPECIFIC SPERM PROTEIN MST84DB.//2.3e-05:68:42//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 15 F-NT2RM4001813//RHODOCETIN ALPHA SUBUNIT.//2.3e-05:115:34//AGKISTRODON RHODOSTOMA (MA-
 LAYAN PIT VIPER) (CALLOSELASMA RHODOSTOMA).//P81397
 F-NT2RM4001819//CELL SURFACE GLYCOPROTEIN EMR1 PRECURSOR (EMR1 HORMONE RECEPTOR)
 (CELL SURFACE GLYCOPROTEIN F4/80).//1.7e-06:159:25//MUS MUSCULUS (MOUSE).//Q61549
 F-NT2RM4001823//ZINC FINGER PROTEIN ZIC1 (ZINC FINGER PROTEIN OF THE CEREBELLUM 1).//2.6e-
 20 18:114:40//MUS MUSCULUS (MOUSE).//P46684
 F-NT2RM4001828//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//4.0e-81:253:59//HOMO SA-
 PIENS (HUMAN).//P51523
 F-NT2RM4001836//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//0.21:176:30//NEPHILA CLA-
 VIPES (ORB SPIDER).//P46804
 25 F-NT2RM4001841//PROLINE-RICH PEPTIDE P-B.//0.046:27:40//HOMO SAPIENS (HUMAN).//P02814
 F-NT2RM4001842//HYPOTHETICAL 7.0 KD PROTEIN B03B8.1 IN CHROMOSOME III.//0.98:35:42//
 CAENORHABDITIS ELEGANS.//Q11104
 F-NT2RM4001856//HYPOTHETICAL 75.2 KD PROTEIN IN ACS1-GCV3 INTERGENIC REGION.//2.3e-37:242:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39722
 30 F-NT2RM4001858//T-BOX PROTEIN VEGT (T-BOX PROTEIN BRAT) (T-BOX PROTEIN ANTIPODEAN).//1.8e-
 23:78:64//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P87377
 F-NT2RM4001865//NEURONAL CALCIUM SENSOR 2 (NCS-2).//0.012:83:28//CAENORHABDITIS ELEGANS.//
 P36609
 F-NT2RM4001876//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECUR-
 35 SOR.//3.8e-10:242:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47179
 F-NT2RM4001880//EC PROTEIN HOMOLOG.//0.22:59:32//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//
 P93746
 F-NT2RM4001905//60S RIBOSOMAL PROTEIN L40 (CEP52).//0.57:20:60//HOMO SAPIENS (HUMAN), RAT-
 TUS NORVEGICUS (RAT), AND GALLUS GALLUS (CHICKEN).//P14793
 40 F-NT2RM4001922
 F-NT2RM4001930//PUTATIVE GLUCOSYLTRANSFERASE C08B11.8 (EC 2.4.1.-).//5.5e-45:167:53//
 CAENORHABDITIS ELEGANS.//Q09226
 F-NT2RM4001938//RTOA PROTEIN (RATIO-A).//0.0036:120:32//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD).//P54681
 45 F-NT2RM4001940//IROQUOIS-CLASS HOMEODOMAIN PROTEIN IRX-1 (FRAGMENT).//0.32:31:48//HOMO
 SAPIENS (HUMAN).//P78415
 F-NT2RM4001953//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//2.2e-43:56:85//HOMO SAPIENS (HUMAN).//
 P39192
 F-NT2RM4001965//IG ALPHA-1 CHAIN C REGION.//0.56:73:34//GORILLA GORILLA GORILLA (LOWLAND GO-
 50 RILLA).//P20758
 F-NT2RM4001969//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CON-
 TAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//0.0016:140:27//HOMO SAPIENS (HUMAN).//P04280
 F-NT2RM4001979//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.9e-21:103:51//HOMO SA-
 PIENS (HUMAN).//P51523
 55 F-NT2RM4001984//HYPOTHETICAL PROTEIN LAMBDA-SP5.//0.0034:50:40//MUS MUSCULUS (MOUSE).//
 P15974
 F-NT2RM4001987//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN).//6.9e-
 17:115:31//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q08180

F-NT2RM4002013//HYPOTHETICAL 54.5 KD TRP-ASP REPEATS CONTAINING PROTEIN ZC302.2 IN CHRO-
 MOSOME V.//0.0062:117:28//CAENORHABDITIS ELEGANS.//Q23256
 F-NT2RM4002018//SPORE COAT PROTEIN SP96.//4.3e-06:203:28//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD).//P14328
 5 F-NT2RM4002034//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//0.78:132:25//HOMO SAPI-
 ENS (HUMAN).//P98171
 F-NT2RM4002044//VITELLOGENIN I PRECURSOR (MINOR VITELLOGENIN) [CONTAINS: LIPOVITELLIN I
 (LVI); PHOSVITIN (PV); LIPOVITELLIN II (LVI); YGP42].//0.062:201:24//GALLUS GALLUS (CHICKEN).//P87498
 F-NT2RM4002054//DUPLICATE PROCYCLIN.//0.0079:44:52//TRYPANOSOMA BRUCEI BRUCEI.//P14044
 10 F-NT2RM4002055//PUTATIVE Z PROTEIN.//0.82:39:30//OVIS ARIES (SHEEP).//P08105
 F-NT2RM4002062//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE-TRNA LIGASE) (ASPRS).//
 7.0e-37:80:52//THERMUS AQUATICUS (SUBSP. THERMOPHILUS).//P36419
 F-NT2RM4002063//SARCOSINE OXIDASE (EC 1.5.3.1).//2.2e-25:216:31//BACILLUS SP. (STRAIN NS-129).//
 P23342
 15 F-NT2RM4002066//HYPOTHETICAL PROTEIN KIAA0192 (FRAGMENT).//1.1e-94:260:71//HOMO SAPIENS
 (HUMAN).//Q93074
 F-NT2RM4002067//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.5e-15:51:70//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RM4002073//ELASTIN PRECURSOR (TROPOELASTIN).//4.9e-05:88:36//HOMO SAPIENS (HUMAN).//
 20 P15502
 F-NT2RM4002075//RING CANAL PROTEIN (KELCH PROTEIN).//7.2e-43:220:41//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RM4002093//POLYPYRIMIDINE TRACT-BINDING PROTEIN (PTB) (HETEROGENEOUS NUCLEAR RI-
 BONUCLEOPROTEIN I) (HNRNP I) (57 KD RNA-BINDING PROTEIN PPTB-1).//1.8e-93:255:72//HOMO SAPI-
 25 ENS (HUMAN).//P26599
 F-NT2RM4002109//KINESIN-LIKE PROTEIN KIF4.//3.7e-101:260:78//MUS MUSCULUS (MOUSE).//P33174
 F-NT2RM4002128//HYPOTHETICAL PROTEIN IN CYCB 3'REGION PRECURSOR (ORF2) (FRAGMENT).//
 0.91:49:32//PARACOCCLUS DENITRIFICANS.//P29969
 F-NT2RM4002140//GROUCHO PROTEIN (ENHANCER OF SPLIT M9/10).//0.36:104:22//DROSOPHILA MELA-
 30 NOGASTER (FRUIT FLY).//P16371
 F-NT2RM4002145//SLIT PROTEIN PRECURSOR.//8.6e-13:127:33//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P24014
 F-NT2RM4002146//MAGO NASHI PROTEIN.//7.9e-69:143:91//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 P49028
 35 F-NT2RM4002161//DUAL SPECIFICITY PROTEIN PHOSPHATASE (EC 3.1.3.48) (EC 3.1.3.16).//0.0062:99:26//
 CHLAMYDOMONAS EUGAMETOS.//Q39491
 F-NT2RM4002174//MRP PROTEIN.//4.5e-50:183:55//ESCHERICHIA COLI.//P21590
 F-NT2RM4002189//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2).//2.6e-14:233:29//HOMO SAPIENS (HU-
 MAN).//Q02817
 40 F-NT2RM4002194//TRANSMEMBRANE PROTEIN SEX PRECURSOR.//0.92:108:28//HOMO SAPIENS (HU-
 MAN).//P51805
 F-NT2RM4002205//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G).//5.8e-39:122:72//
 RATTUS NORVEGICUS (RAT).//Q07803
 F-NT2RM4002213//HYPOTHETICAL 88.4 KD PROTEIN B0464.7 IN CHROMOSOME III.//9.9e-27:110:43//
 45 CAENORHABDITIS ELEGANS.//Q03565
 F-NT2RM4002226//GTPASE ACTIVATING PROTEIN ROTUND.//1.3e-21:147:41//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P40809
 F-NT2RM4002251//PROTEIN EF-7 (FRAGMENT).//0.00082:45:42//MUS MUSCULUS (MOUSE).//P97805
 F-NT2RM4002256//COLD-REGULATED PROTEIN 1 (FRAGMENT).//0.00015:114:42//HORDEUM VULGARE
 50 (BARLEY).//P23251
 F-NT2RM4002266//CUTICLE COLLAGEN 2.//0.00013:142:33//CAENORHABDITIS ELEGANS.//P17656
 F-NT2RM4002278//HYPOTHETICAL 22.2 KD PROTEIN IN NSR1-TIF4631 INTERGENIC REGION.//1.0:40:52//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53288
 F-NT2RM4002281
 55 F-NT2RM4002287//GAR2 PROTEIN.//0.00055:225:23//SCHIZOSACCHAROMYCES POMBE (FISSION
 YEAST).//P41891
 F-NT2RM4002294//HYPOTHETICAL PROTEIN KIAA0281 (HA6725).//1.1e-60:152:75//HOMO SAPIENS (HU-
 MAN).//Q92556

F-NT2RM4002301//GENERAL STRESS PROTEIN CTC (FRAGMENT).//0.56:43:39//BACILLUS CALDOLYTICUS.//P42832
 F-NT2RM4002323//NONHISTONE CHROMOSOMAL PROTEIN HMG-17.//0.0080:73:35//BOS TAURUS (BOVINE).//P02313
 5 F-NT2RM4002339//METALLOTHIONEIN 10-III (MT-10-III).//0.67:34:38//MYTILUS EDULIS (BLUE MUSSEL).//P80248
 F-NT2RM4002344//METALLOTHIONEIN-I (MT-I).//0.84:41:31//MUS MUSCULUS (MOUSE).//P02802
 F-NT2RM4002373//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT DY10 PRECURSOR.//0.0019:190:28//TRITICUM AESTIVUM (WHEAT).//P10387
 10 F-NT2RM4002374//5E5 ANTIGEN.//0.0059:170:32//RATTUS NORVEGICUS (RAT).//Q63003
 F-NT2RM4002383//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//0.13:17:88//HOMO SAPIENS (HUMAN).//P39193
 F-NT2RM4002390
 F-NT2RM4002398//HNRNP ARGININE N-METHYLTRANSFERASE (EC 2.1.1.-) (ODP1 PROTEIN).//0.034:110:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38074
 15 F-NT2RM4002409//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME).//4.0e-20:179:31//METHANOTRIX SOEHNENII.//P27095
 F-NT2RM4002438//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.7e-15:41:95//HOMO SAPIENS (HUMAN).//P39194
 20 F-NT2RM4002446//CRYPTIDIN-RELATED PROTEIN 4C-1 PRECURSOR (CRS4C).//0.0058:24:50//MUS MUSCULUS (MOUSE).//P17534
 F-NT2RM4002452//METALLOTHIONEIN 10-II (MT-10-II).//0.83:48:37//MYTILUS EDULIS (BLUE MUSSEL).//P80247
 F-NT2RM4002457//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//4.9e-07:52:63//HOMO SAPIENS (HUMAN).//P39192
 25 F-NT2RM4002460//C-HORDEIN (CLONE PC-919) (FRAGMENT).//0.92:43:30//HORDEUM VULGARE (BARLEY).//P17992
 F-NT2RM4002479//RNA HELICASE-LIKE PROTEIN DB10.//1.7e-28:200:41//NICOTIANA SYLVESTRIS (WOOD TOBACCO).//P46942
 30 F-NT2RM4002482//HYPOTHETICAL 65.9 KD PROTEIN YPR065W.//8.8e-26:123:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q12514 F-NT2RM4002493//LARVAL CUTICLE PROTEIN I PRECURSOR.//0.17:126:27//DROSOPHILA MIRANDA (FRUIT FLY).//P91627
 F-NT2RM4002499//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//9.4e-34:92:80//HOMO SAPIENS (HUMAN).//P39194
 35 F-NT2RM4002504//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//3.4e-19:55:83//HOMO SAPIENS (HUMAN).//P39189
 F-NT2RM4002527//WD-40 REPEAT PROTEIN MSI2.//3.0e-07:193:27//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//Q22468
 F-NT2RM4002532//AEROLYSIN REGULATORY PROTEIN.//0.97:19:47//AEROMONAS SOBRIA.//P09165
 40 F-NT2RM4002534//MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L32 PRECURSOR (YML32).//0.76:86:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P25348
 F-NT2RM4002558//LONG-CHAIN FATTY ACID TRANSPORT PROTEIN (FATP).//4.2e-55:204:50//MUS MUSCULUS (MOUSE).//Q60714
 F-NT2RM4002565//CHYMOTRYPSIN/ELASTASE ISOINHIBITORS 2 TO 5.//1.0:16:62//ASCARIS SUUM (PIG ROUNDWORM) (ASCARIS LUMBRICOIDES).//P07852
 45 F-NT2RM4002567//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION.//2.7e-10:184:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40032
 F-NT2RM4002571//POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYLGALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYLGALACTOSAMINYLTRANSFERASE) (GALNAC-T1).//2.4e-25:124:47//HOMO SAPIENS (HUMAN).//Q10472
 50 F-NT2RM4002593//HYPOTHETICAL 9.1 KD PROTEIN IN TETB-EXOA INTERGENIC REGION.//0.95:36:38//BACILLUS SUBTILIS.//P37509
 F-NT2RM4002594//MSP1 PROTEIN HOMOLOG.//9.0e-68:227:60//CAENORHABDITIS ELEGANS.//P54815
 F-NT2RM4002623//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE-TRNA LIGASE) (ASPRS).//3.3e-54:243:47//SYNECHOCYSTIS SP. (STRAIN PCC 6803).//P73851
 55 F-NT2RP1000018//SUPPRESSOR PROTEIN SRP40.//0.0023:131:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 F-NT2RP1000035//RING CANAL PROTEIN (KELCH PROTEIN).//1.0e-06:63:34//DROSOPHILA MELANOGASTER.//P32583

NOGASTER (FRUIT FLY).//Q04652
 F-NT2RP1000040//LETHAL NEUROTOXIN TX1.//0.69:21:47//PHONEUTRIA NIGRIVENTER (BRAZILIAN ARMED SPIDER).//P17727
 5 F-NT2RP1000063//HYPOTHETICAL 25.1 KD PROTEIN IN SMC3-MRPL8 INTERGENIC REGION.//3.8e-14:130:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40359
 F-NT2RP1000086//HYPOTHETICAL 9.4 KD PROTEIN IN RNPA-THDF INTERGENIC REGION.//0.16:44:40//ESCHERICHIA COLI.//P22847
 F-NT2RP1000101//45.8 KD PROTEIN IN SHM1-MRPL37 INTERGENIC REGION.//1.9e-06:74:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38344
 10 F-NT2RP1000111//COP1 REGULATORY PROTEIN (FUSCA PROTEIN FUS1).//2.7e-19:135:36//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P43254
 F-NT2RP1000112//DUAL SPECIFICITY PROTEIN KINASE TTK (EC 2.7.1.-) (PYT).//1.2e-39:91:62//HOMO SAPIENS (HUMAN).//P33981
 F-NT2RP1000124//ATP-DEPENDENT PROTEASE LA 2 (EC 3.4.21.53).//0.074:131:24//MYXOCOCCUS XANTHUS.//P36774
 15 F-NT2RP1000130//HEPATOMA-DERIVED GROWTH FACTOR (HDGF).//1.5e-49:186:56//MUS MUSCULUS (MOUSE).//P51859
 F-NT2RP1000163//METALLOTHIONEIN (MT).//0.98:41:34//PLEURONECTES PLATESSA (PLAICE).//P07216
 F-NT2RP1000170//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT).//0.85:64:35//HOMO SAPIENS (HUMAN).//P10162
 20 F-NT2RP1000174//IMMEDIATE-EARLY PROTEIN IE180.//0.00056:89:37//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV).//P33479
 F-NT2RP1000191//NIFU PROTEIN.//0.53:78:35//FRANKIA ALNI.//P46045
 F-NT2RP1000202//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT).//9.1e-21:148:39//HOMO SAPIENS (HUMAN).//Q01485
 25 F-NT2RP1000243//HYPOTHETICAL PROTEIN MJ1136.//1.4e-37:219:36//METHANOCOCCUS JANNASCHII.//Q58536
 F-NT2RP1000259//HYPOTHETICAL PROTEIN TP0318.//0.18:25:44//TREPONEMA PALLIDUM.//O83338
 F-NT2RP1000272//SPLICING FACTOR, ARGININE/SERINE-RICH 3 (PRE-MRNA SPLICING FACTOR SRP20) (X16 PROTEIN).//1.6e-18:133:36//HOMO SAPIENS (HUMAN), AND MUS MUSCULUS (MOUSE).//P23152
 30 F-NT2RP1000324
 F-NT2RP1000326//HYPOTHETICAL 29.8 KD PROTEIN ZC97.1 IN CHROMOSOME III.//1.0e-23:129:36//CAENORHABDITIS ELEGANS.//P34599
 F-NT2RP1000333//ANTI-SILENCING PROTEIN 1.//2.5e-45:147:57//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32447
 35 F-NT2RP1000348//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//4.8e-14:119:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P25343
 F-NT2RP1000357//TRYPOMASTIGOTE DECAY-ACCELERATING FACTOR (T-DAF) (FRAGMENT).//1.0:43:32//TRYPANOSOMA CRUZI.//Q26327
 40 F-NT2RP1000358//HYPOTHETICAL 84.4 KD PROTEIN IN RPC2/RET1 3'REGION.//7.9e-28:244:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39744
 F-NT2RP1000363//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//2.2e-07:178:30//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P17437
 F-NT2RP1000376//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//1.5e-20:254:31//HOMO SAPIENS (HUMAN).//P16157
 45 F-NT2RP1000409//CYTOCHROME C3 (CYTOCHROME C7) (C551.5).//1.0:34:26//DESULFUROMONAS ACETOXIDANS (CHLOROPSEUDOMONAS ETHYLICA).//P00137
 F-NT2RP1000413//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (NAP1 PROTEIN).//3.7e-131:230:97//RATTUS NORVEGICUS (RAT).//P55161
 50 F-NT2RP1000416//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR.//0.83:54:40//DROSOPHILA SIMULANS (FRUIT FLY).//P13729
 F-NT2RP1000418//HYPOTHETICAL 9.9 KD PROTEIN IN GCVT-SPOIIIAA INTERGENIC REGION.//0.24:91:35//BACILLUS SUBTILIS.//P49779
 F-NT2RP1000439//HYPOTHETICAL 100.5 KD PROTEIN C1B9.04 IN CHROMOSOME I.//0.13:172:22//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10429
 55 F-NT2RP1000443//QUINONE OXIDOREDUCTASE (EC 1.6.5.5) (NADPH:QUINONE REDUCTASE) (ZETA-CRYSTALLIN).//1.9e-08:167:24//HOMO SAPIENS (HUMAN).//Q08257
 F-NT2RP1000460//NUCLEAR MOVEMENT PROTEIN NUDC.//1.0e-18:149:34//EMERICELLA NIDULANS (AS-

PERGILLUS NIDULANS).//P17624
 F-NT2RP1000470//PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III.//1.3e-43:
 180:47//CAENORHABDITIS ELEGANS.//P34580
 F-NT2RP1000478//TUBULIN BETA-6 CHAIN (CLASS-VI).//1.5e-45:85:63//GALLUS GALLUS (CHICKEN).//
 5 P09207
 F-NT2RP1000481//HYPOTHETICAL 5.8 KD PROTEIN IN PUHA 5'REGION (ORF55).//0.083:21:47//RHODO-
 BACTER CAPSULATUS (RHODOPSEUDOMONAS CAPSULATA).//P26159
 F-NT2RP1000493//POSSIBLE DNA-REPAIR PROTEIN XP-E (POSSIBLE XERODERMA PIGMENTOSUM
 GROUP E PROTEIN) (UV-DAMAGED DNA-BINDING PROTEIN) (UV-DDB).//6.6e-11:139:31//CERCOPITHEC-
 10 US AETHIOPS (GREEN MONKEY) (GRIVET).//P33194
 F-NT2RP1000513//60S RIBOSOMAL PROTEIN L22.//0.017:92:30//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P50887
 F-NT2RP1000522//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE DUB-1 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE DUB-1) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE DUB-1) (DEUBIQUITINATING EN-
 15 ZYME 1).//0.0055:86:36//MUS MUSCULUS (MOUSE).//Q61068
 F-NT2RP1000547//COP-COATED VESICLE MEMBRANE PROTEIN P24 PRECURSOR (FRAGMENT).//1.2e-
 09:69:36//CRICETULUS GRISEUS (CHINESE HAMSTER).//P49020
 F-NT2RP1000574//HOMEBOX PROTEIN MEIS2 (MEIS1-RELATED PROTEIN 1).//6.0e-39:141:65//MUS MUS-
 CULUS (MOUSE).//P97367
 20 F-NT2RP1000577//PUTATIVE ATP-DEPENDENT RNA HELICASE YDL031W.//0.00016:48:45//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//Q12389
 F-NT2RP1000581//VON WILLEBRAND FACTOR PRECURSOR.//0.00017:61:50//HOMO SAPIENS (HUMAN).//
 P04275
 F-NT2RP1000609//LINOLEOYL-COA DESATURASE (EC 1.14.99.25) (DELTA(6)-DESATURASE).//4.4e-07:128:
 25 31//SYNECHOCYSTIS SP. (STRAIN PCC 6803).//Q08871
 F-NT2RP1000629//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN
 AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
 ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN).//4.2e-70:167:86//MUS MUSCULUS (MOUSE).//P35585
 F-NT2RP1000630//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR.//
 30 0.0011:238:21//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47179
 F-NT2RP1000677//COLLAGEN ALPHA 1(XVI) CHAIN PRECURSOR.//0.99:71:33//HOMO SAPIENS (HUMAN).//
 Q07092
 F-NT2RP1000688//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//0.0024:19:94//HOMO SAPIENS (HUMAN).//
 P39193
 35 F-NT2RP1000695//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III.//2.2e-30:185:37//
 CAENORHABDITIS ELEGANS.//Q18262
 F-NT2RP1000701//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP).//3.2e-65:128:93//RATTUS NOR-
 VEGICUS (RAT).//P54319
 F-NT2RP1000721//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 40 (TAFII-130) (TAFII130).//2.3e-06:139:34//HOMO SAPIENS (HUMAN).//O00268
 F-NT2RP1000730//MYOSIN LIGHT CHAIN 1, SLOW-TWITCH MUSCLE B/VENTRICULAR ISOFORM (FRAG-
 MENT).//0.89:40:40//MUS MUSCULUS (MOUSE).//P09542
 F-NT2RP1000733//METALLOTHIONEIN-LIKE PROTEIN CRS5.//0.024:24:45//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P41902
 45 F-NT2RP1000738//SALIVARY ACIDIC PROLINE-RICH PHOSPHOPROTEIN 1/2 PRECURSOR (PRP-1 / PRP-
 3) (PRP-2 / PRP-4) (PIF-F / PIF-S) (PROTEIN A / PROTEIN C) [CONTAINS: PEPTIDE P-C].//0.040:82:36//HOMO
 SAPIENS (HUMAN).//P02810
 F-NT2RP1000746//HYPOTHETICAL 27.1 KD PROTEIN UFD4-CAP1 INTERGENIC REGION.//2.0e-30:170:37//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P33201
 50 F-NT2RP1000767//PSEUDOMONAPEPSIN PRECURSOR (EC 3.4.23.37) (PEPSTATIN-INSENSITIVE CAR-
 BOXYL PROTEINASE).//0.99:75:34//PSEUDOMONAS SP. (STRAIN 101).//P42790
 F-NT2RP1000782//CELL SURFACE GLYCOPROTEIN A15 (T-CELL ACUTE LYMPHOBLASTIC LEUKEMIA AS-
 SOCIATED ANTIGEN 1) (TALLA-1) (MEMBRANE COMPONENT, X CHROMOSOME, SURFACE MARKER 1).//
 2.3e-23:159:35//HOMO SAPIENS (HUMAN).//P41732
 55 F-NT2RP1000796//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
 MOUS CELL MARKER) (SPRP).//0.00018:79:32//SUS SCROFA (PIG).//P35323
 F-NT2RP1000825//GTPASE-ACTIVATING PROTEIN RHOGAP (RHO-RELATED SMALL GTPASE PROTEIN AC-
 TIVATOR) (CDC42 GTPASE-ACTIVATING PROTEIN) (P50-RHOGAP).//3.1e-37:89:64//HOMO SAPIENS (HU-

MAN).//Q07960
 F-NT2RP1000833//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.32:29:48//HOMO SAPIENS (HUMAN).//P22531
 F-NT2RP1000834//2-ARYLPROPIONYL-COA EPIMERASE (EC 5.-.-.-).//6.4e-67:202:68//RATTUS NORVEGICUS (RAT).//P70473
 5 F-NT2RP1000836//HYPOTHETICAL 7.3 KD PROTEIN IN 100 KD PROTEIN REGION.//1.0:35:54//HUMAN ADENOVIRUS TYPE 41.//P23691
 F-NT2RP1000846//SMALL PROLINE-RICH PROTEIN 2-1.//0.013:35:48//HOMO SAPIENS (HUMAN).//P35326
 F-NT2RP1000851//PERIOD CLOCK PROTEIN (FRAGMENT).//0.082:28:57//DROSOPHILA SALTANS (FRUIT FLY).//Q04536
 10 F-NT2RP1000856//PLATELET-ENDOTHELIAL TETRASPAN ANTIGEN 3 (PETA-3) (GP27) (MEMBRANE GLYCOPROTEIN SFA-1) (CD151 ANTIGEN).//2.5e-26:190:30//MUS MUSCULUS (MOUSE).//O35566
 F-NT2RP1000860//POTENTIAL TRANSCRIPTIONAL ADAPTOR.//0.13:86:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q02336
 15 F-NT2RP1000902//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//7.6e-11:200:35//CAENORHABDITIS ELEGANS.//Q09531
 F-NT2RP1000915//HYPOTHETICAL GTP-BINDING PROTEIN IN PM140-PAC2 INTERGENIC REGION.//1.4e-06:88:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40010
 F-NT2RP1000916//SUPPRESSOR PROTEIN SRP40.//0.40:90:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 20 F-NT2RP1000943//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2).//0.099:75:34//HOMO SAPIENS (HUMAN).//Q02817
 F-NT2RP1000944//HYPOTHETICAL 29.3 KD PROTEIN (ORF92).//7.6e-06:65:41//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//O10341
 25 F-NT2RP1000947//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//3.6e-12:27:77//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), RATTUS NORVEGICUS (RAT), AND XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P51669
 F-NT2RP1000954//RING CANAL PROTEIN (KELCH PROTEIN).//2.8e-15:169:28//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q04652
 30 F-NT2RP1000958//HYPOTHETICAL GTP-BINDING PROTEIN IN PM140-PAC2 INTERGENIC REGION.//4.2e-16:162:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40010
 F-NT2RP1000959//CORNIFIN A (SMALL PROLINE-RICH PROTEIN IA) (SPR-IA) (SPRK).//0.0031:34:44//HOMO SAPIENS (HUMAN).//P35321
 35 F-NT2RP1000966//NUCLEOLIN (PROTEIN C23).//1.5e-52:110:95//HOMO SAPIENS (HUMAN).//P19338
 F-NT2RP1000980//LIGHT-HARVESTING PROTEIN B-1015, ALPHA CHAIN PRECURSOR (ANTENNA PIGMENT PROTEIN, ALPHA CHAIN).//0.87:37:45//RHODOPSEUDOMONAS VIRIDIS.//P04123
 F-NT2RP1000988
 F-NT2RP1001011//PROTEIN P19.//0.96:30:50//BACTERIOPHAGE PRD1.//P17638
 40 F-NT2RP1001013//DNA-BINDING PROTEIN 65 (PROTEIN GP65).//1.0:20:45//BACTERIOPHAGE T4.//P16012
 F-NT2RP1001014
 F-NT2RP1001033//TUBULIN GAMMA CHAIN.//2.5e-16:112:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P25295
 F-NT2RP1001073//HYPOTHETICAL 10.4 KD PROTEIN IN FTR1-SPT15 INTERGENIC REGION.//7.6e-16:82:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40089
 45 F-NT2RP1001079//SARCOSINE OXIDASE (EC 1.5.3.1).//4.8e-15:95:40//ARTHROBACTER SP. (STRAIN TE1826).//P40873
 F-NT2RP1001080//PROBABLE ATP-DEPENDENT RNA HELICASE DBP9.//2.4e-29:126:46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q06218
 50 F-NT2RP1001113//SMALL PROLINE-RICH PROTEIN 2-1.//0.49:38:39//HOMO SAPIENS (HUMAN).//P35326
 F-NT2RP1001173//RHOMBOTIN-1 (CYSTEINE RICH PROTEIN TTG-1) (T-CELL TRANSLOCATION PROTEIN 1) (LIM-ONLY PROTEIN 1).//0.99:54:37//HOMO SAPIENS (HUMAN).//P25800
 F-NT2RP1001177//HISTONE MACRO-H2A.1.//1.6e-29:85:76//RATTUS NORVEGICUS (RAT).//Q02874
 F-NT2RP1001185
 55 F-NT2RP1001199//NEUROTOXIN I.//1.0:23:47//CENTRUROIDES SCULPTURATUS (BARK SCORPION).//P01491
 F-NT2RP1001247//TRANSFORMING GROWTH FACTOR BETA 4 PRECURSOR (TGF-BETA 4) (ENDOMETRIAL BLEEDING-ASSOCIATED FACTOR).//3.3e-08:28:89//HOMO SAPIENS (HUMAN).//O00292

F-NT2RP1001248//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN).//0.33:49:28//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1).//P18804
 F-NT2RP1001253//GLUCOSAMINE-6-PHOSPHATE ISOMERASE (EC 5.3.1.10) (GLUCOSAMINE-6-PHOSPHATE DEAMINASE) (GNPDA) (OSCILLIN) (KIAA0060).//3.8e-46:115:81//HOMO SAPIENS (HUMAN).//P46926
 5 F-NT2RP1001286//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29) (L-34 GALACTOSIDE-BINDING LECTIN).//0.16:48:37//MUS MUSCULUS (MOUSE).//P16110
 F-NT2RP1001294//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//6.1e-05:92:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q12024
 10 F-NT2RP1001302//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//1.2e-05:92:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q12024
 F-NT2RP1001310//PROBABLE E4 PROTEIN.//0.99:109:26//HUMAN PAPILLOMAVIRUS TYPE 5.//P06924
 F-NT2RP1001311//SODIUM/HYDROGEN EXCHANGER 5 (NA(+)/H(+) EXCHANGER 5) (NHE-5) (FRAGMENT).//0.99:94:31//HOMO SAPIENS (HUMAN).//Q14940
 15 F-NT2RP1001313//CYTOCHROME B5.//9.0e-13:92:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40312
 F-NT2RP1001361//NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B (EC 1.6.5.3) (EC 1.6.99.3) (COMPLEX I-B14.5B) (CI-B14.5B).//1.2e-47:117:74//BOS TAURUS (BOVINE).//Q02827
 F-NT2RP1001385//CELL DIVISION PROTEIN FTSN.//0.64:107:28//ESCHERICHIA COLI.//P29131
 20 F-NT2RP1001395//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR (FRAGMENTS).//0.25:35:45//GALLUS GALLUS (CHICKEN).//P02467
 F-NT2RP1001410//PUTATIVE GTP-BINDING PROTEIN W08E3.3.//2.2e-41:129:67//CAENORHABDITIS ELEGANS.//P91917
 F-NT2RP1001424//UREASE ACCESSORY PROTEIN UREF (FRAGMENT).//0.87:24:45//ESCHERICHIA COLI.//Q03286
 25 F-NT2RP1001432//CYSTEINE PROTEINASE INHIBITOR B (CYSTATIN B) (SCB).//1.0:35:42//HELIANTHUS ANNUUS (COMMON SUNFLOWER).//Q10993
 F-NT2RP1001449//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//0.053:37:37//OVIS ARIES (SHEEP).//P26372
 30 F-NT2RP1001457//HYPOTHETICAL 57.0 KD TRP-ASP REPEATS CONTAINING PROTEIN IN CPR4-SSK22 INTERGENIC REGION.//2.9e-16:159:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P25382
 F-NT2RP1001466//HYPOTHETICAL PROTEIN MJ0284.//5.3e-15:162:35//METHANOCOCCUS JANNASCHII.//Q57732
 F-NT2RP1001475//HYPOTHETICAL 195.1 KD PROTEIN IN DNA43-UBI1 INTERGENIC REGION.//0.69:119:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40457
 35 F-NT2RP1001482//PROTEASOME COMPONENT C9 (EC 3.4.99.46) (MACROPAIN SUBUNIT C9) (MULTICATALYTIC ENDOPEPTIDASE COMPLEX SUBUNIT C9).//1.0:58:32//HOMO SAPIENS (HUMAN).//P25789
 F-NT2RP1001494//MALE STERILITY PROTEIN 2.//2.4e-12:84:42//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//Q08891
 40 F-NT2RP1001543//MYO-INOSITOL-1-PHOSPHATE SYNTHASE (EC 5.5.1.4) (IPS).//6.3e-37:94:52//SPIRODELA POLYRRHIZA.//P42803
 F-NT2RP1001546//LEUKOCYTE SURFACE ANTIGEN CD53 (CELL SURFACE GLYCOPROTEIN CD53).//9.3e-11:98:29//HOMO SAPIENS (HUMAN).//P19397
 F-NT2RP1001569//SIGNAL RECOGNITION PARTICLE RECEPTOR BETA SUBUNIT (SR-BETA).//2.2e-64:159:84//MUS MUSCULUS (MOUSE).//P47758
 45 F-NT2RP1001616//HYPOTHETICAL 13.5 KD PROTEIN C45G9.7 IN CHROMOSOME III.//9.2e-05:49:42//CAENORHABDITIS ELEGANS.//Q09506
 F-NT2RP1001665//REGB PROTEIN.//0.99:29:37//PSEUDOMONAS AERUGINOSA.//Q03381
 F-NT2RP2000001//SMALL PROLINE-RICH PROTEIN 2-1.//0.64:36:41//HOMO SAPIENS (HUMAN).//P35326
 50 F-NT2RP2000006//DNAJ PROTEIN HOMOLOG 1 (HDJ-1) (HEAT SHOCK PROTEIN 40) (HSP40).//1.7e-19:74:52//HOMO SAPIENS (HUMAN).//P25685
 F-NT2RP2000007//TROPOMYOSIN, FIBROBLAST AND EPITHELIAL MUSCLE-TYPE (TM36) (TME1) (TM1).//0.93:126:23//HOMO SAPIENS (HUMAN).//P06468
 F-NT2RP2000008//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065) (HA0946) (FRAGMENT).//4.2e-35:156:54//HOMO SAPIENS (HUMAN).//Q06730
 55 F-NT2RP2000027//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.95:41:39//MACACA FASCICULARIS (CRAB EATING MACAQUE) (CYNOMOLGUS MONKEY).//P50665
 F-NT2RP2000032//BAX PROTEIN, CYTOPLASMIC ISOFORM GAMMA.//1.0:35:34//HOMO SAPIENS (HUMAN).

MAN).//Q07815
 F-NT2RP2000040//BASIC PROLINE-RICH PEPTIDE IB-1.//0.0024:58:36//HOMO SAPIENS (HUMAN).//P04281
 F-NT2RP2000045//DNAJ PROTEIN.//1.1e-12:42:66//THERMUS AQUATICUS (SUBSP. THERMOPHILUS).//
 Q56237
 5 F-NT2RP2000054//GONADOLIBERIN III PRECURSOR (GONADOTROPIN-RELEASING HORMONE III) (GN-
 RH-III) (LH-RH III) (LULIBERIN III).//0.20:46:36//ONCORHYNCHUS MASOU (CHERRY SALMON) (MASU SALM-
 ON).//P30973
 F-NT2RP2000056//PROTEIN-TYROSINE PHOSPHATASE EPSILON PRECURSOR (EC 3.1.3.48) (R-PTP- EP-
 SILON).//1.3e-18:45:100//MUS MUSCULUS (MOUSE).//P49446
 10 F-NT2RP2000067//HOMEBOX PROTEIN HOX-A5 (S12-B) (FRAGMENT).//0.71:44:40//SALMO SALAR (AT-
 LANTIC SALMON).//P09637
 F-NT2RP2000070//INSULIN.//0.94:30:43//HYSTRIX CRISTATA (CRESTED PORCUPINE).//P01328
 F-NT2RP2000076//ETS-LIKE PROTEIN POINTED P1 (D-ETS-2).//0.0013:76:40//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P51022
 15 F-NT2RP2000077//U1 SMALL NUCLEAR RIBONUCLEOPROTEIN C (U1-C).//0.24:49:40//HOMO SAPIENS
 (HUMAN).//P09234
 F-NT2RP2000079//PLATELET FACTOR 4 (PF-4).//0.15:52:30//SUS SCROFA (PIG).//P30034
 F-NT2RP2000088//HYPOTHETICAL 13.6 KD PROTEIN IN SPT4-ROM1 INTERGENIC REGION.//1.0:36:44//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53245
 20 F-NT2RP2000091//HYPOTHETICAL PROTEIN HI0149 PRECURSOR.//0.22:38:47//HAEMOPHILUS INFLUEN-
 ZAE.//P43953
 F-NT2RP2000097//VIRUS ATTACHMENT PROTEIN (O61R).//0.75:33:36//AFRICAN SWINE FEVER VIRUS
 (STRAIN BA71V) (ASFV).//P32510
 F-NT2RP2000098
 25 F-NT2RP2000108//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.4e-09:50:70//HOMO SAPIENS (HUMAN).//
 P39195
 F-NT2RP2000114//WISKOTT-ALDRICH SYNDROME PROTEIN (WASP).//0.024:52:44//HOMO SAPIENS (HU-
 MAN).//P42768
 F-NT2RP2000120//5.8 KD PROTEIN IN HMC OPERON (ORF 4).//0.67:37:32//DESULFOVIBRIO VULGARIS
 (STRAIN HILDENBOROUGH).//P33391
 30 F-NT2RP2000126//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1).//1.5e-23:94:47//HOMO
 SAPIENS (HUMAN).//O14646
 F-NT2RP2000133//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53).//5.6e-10:82:39//HOMO SA-
 PIENS (HUMAN).//Q15427
 35 F-NT2RP2000147//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN
 AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
 ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN).//6.7e-89:96:98//MUS MUSCULUS (MOUSE).//P35585
 F-NT2RP2000153//PEPTIDYLPROLYL ISOMERASE CYP-1 (EC 5.2.1.8) (PEPTIDYLPROLYL CIS-TRANS ISO-
 MERASE) (CYCLOPHILIN) (PPIASE).//1.7e-05:136:33//BRUGIA MALAYI.//Q27450
 40 F-NT2RP2000157//MLO2 PROTEIN.//2.7e-06:62:40//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//
 Q09329
 F-NT2RP2000161//DIS3 PROTEIN HOMOLOG.//2.7e-33:173:45//CAENORHABDITIS ELEGANS.//Q17632
 F-NT2RP2000173//HYPOTHETICAL 10.5 KD PROTEIN IN SODA-COMGA INTERGENIC REGION.//0.99:62:25//
 BACILLUS SUBTILIS.//P54499
 45 F-NT2RP2000175//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.19:41:43//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 F-NT2RP2000183//DIHYDROPYRIMIDINASE RELATED PROTEIN-2 (DRP-2) (NEURAL SPECIFIC PROTEIN
 NSP60).//4.1e-19:114:44//BOS TAURUS (BOVINE).//O02675
 F-NT2RP2000195//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.99:30:33//MICROTUS PENNSYLVANI-
 CUS (MEADOW VOLE).//P24949
 50 F-NT2RP2000205//MERCURIC TRANSPORT PROTEIN PERIPLASMIC COMPONENT PRECURSOR (PERI-
 PLASMIC MERCURY ION BINDING PROTEIN) (MERCURY SCAVENGER PROTEIN).//0.098:88:25//SH-
 EWANELLA PUTREFACIENS (PSEUDOMONAS PUTREFACIENS).//Q54463
 F-NT2RP2000208//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.020:19:57//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01645
 55 F-NT2RP2000224//PUTATIVE CUTICLE COLLAGEN C09G5.4.//0.0058:159:32//CAENORHABDITIS ELE-
 GANS.//Q09455
 F-NT2RP2000232//P55-C-FOS PROTO-ONCOGENE PROTEIN (FRAGMENT).//1.0:44:38//OVIS ARIES

(SHEEP).//O02761
 F-NT2RP2000233//GASTRIN/CHOLECYSTOKININ TYPE B RECEPTOR (CCK-B RECEPTOR) (CCK-BR).//
 0.34:53:43//CANIS FAMILIARIS (DOG).//P30552
 F-NT2RP2000239//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT).//0.019:
 5 69:33//RATTUS NORVEGICUS (RAT).//P10164
 F-NT2RP2000248//OVOMUCOID (FRAGMENT).//0.88:18:55//POLYPECTRON EMPHANUM (PALAWAN PEA-
 COCK-PHEASANT).//P52250
 F-NT2RP2000257//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//6.4e-09:83:37//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P40556
 10 F-NT2RP2000258//MYOSIN II HEAVY CHAIN, NON MUSCLE.//0.081:217:28//DICTYOSTELIUM DISCOIDEUM
 (SLIME MOLD).//P08799
 F-NT2RP2000270//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.4e-17:80:57//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RP2000274//HYPOTHETICAL 5.8 KD PROTEIN.//0.082:22:45//CLOVER YELLOW MOSAIC VIRUS
 15 (CYMV).//P16485
 F-NT2RP2000283//HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III.//0.39:38:34//
 CAENORHABDITIS ELEGANS.//P34535
 F-NT2RP2000288
 F-NT2RP2000289//HYPOTHETICAL 9.4 KD PROTEIN IN RNPA-THDF INTERGENIC REGION.//0.40:38:42//ES-
 20 CHERICHIA COLI.//P22847
 F-NT2RP2000297//ZINC FINGER PROTEIN 85 (ZINC FINGER PROTEIN HPF4) (HTF1).//2.3e-62:206:47//HO-
 MO SAPIENS (HUMAN).//Q03923
 F-NT2RP2000298//CUTICLE COLLAGEN 12 PRECURSOR.//0.55:81:40//CAENORHABDITIS ELEGANS.//
 P20630
 25 F-NT2RP2000310//RUBREDOXIN (RD).//0.13:43:41//TREPONEMA PALLIDUM.//O83956
 F-NT2RP2000327//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:46:30//GADUS MORHUA (ATLANTIC
 COD).//P15996
 F-NT2RP2000328//HYPOTHETICAL 86.6 KD PROTEIN IN PFK1-TDS4 INTERGENIC REGION.//2.0e-21:198:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53313
 30 F-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//1.8e-91:155:
 92//BOS TAURUS (BOVINE).//P08760
 F-NT2RP2000337//PROTEIN A54.//0.75:48:35//VACCINIA VIRUS (STRAIN WR), AND VACCINIA VIRUS
 (STRAIN COPENHAGEN).//P21072
 F-NT2RP2000346//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.//9.7e-13:114:42//
 35 MUS MUSCULUS (MOUSE).//P17564
 F-NT2RP2000369//CALTRIN (CALCIUM TRANSPORT INHIBITOR).//0.98:47:34//MUS MUSCULUS (MOUSE).//
 Q09098
 F-NT2RP2000412//SHORT NEUROTOXIN D PRECURSOR.//0.66:57:36//AIPYSURUS LAEVIS (OLIVE SEA
 SNAKE).//P19960
 40 F-NT2RP2000414//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN F (HNRNP F).//1.0e-27:96:67//HO-
 MO SAPIENS (HUMAN).//P52597
 F-NT2RP2000420//ZINC FINGER PROTEIN 191.//0.16:47:38//HOMO SAPIENS (HUMAN).//O14754
 F-NT2RP2000422//PUTATIVE PHOSPHOACETYLGLUCOSAMINE MUTASE (EC 5.4.2.3) (ACETYLGLU-
 COSAMINE PHOSPHOMUTASE) (N-ACETYLGLUCOSAMINE-PHOSPHATE MUTASE).//3.6e-19:148:36//
 45 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09687
 F-NT2RP2000438//TUBULIN GAMMA CHAIN.//0.86:190:27//RETICULOMYXA FILOSA.//P54405
 F-NT2RP2000448//OXYSTEROL-BINDING PROTEIN.//3.7e-13:140:42//HOMO SAPIENS (HUMAN).//P22059
 F-NT2RP2000459//NEURONAL PROTEIN 3.1 (P311 PROTEIN).//1.0:45:35//HOMO SAPIENS (HUMAN).//
 Q16612
 50 F-NT2RP2000498//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//0.062:25:68//HOMO SAPIENS (HUMAN).//
 P39194
 F-NT2RP2000503
 F-NT2RP2000510//TOXIN IV-5.//1.0:51:33//TITYUS BAHIIENSIS (BRAZILIAN SCORPION).//P56608
 F-NT2RP2000516//SLYX PROTEIN.//1.0:52:32//ESCHERICHIA COLI.//P30857
 55 F-NT2RP2000523//PHORBOLIN I (FRAGMENTS).//1.4e-06:36:47//HOMO-SAPIENS (HUMAN).//P31941
 F-NT2RP2000603//ALPHA/BETA-GLIADIN PRECURSOR (PROLAMIN) (CLASS A-III).//0.93:119:26//TRITICUM
 AESTIVUM (WHEAT).//P04723
 F-NT2RP2000617//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE).//0.056:16:62//OVIS ARIES

(SHEEP), AND CAPRA HIRCUS (GOAT).//P04102
 F-NT2RP2000634//NEDD-4 PROTEIN (EC 6.3.2.-) (KIAA0093) (FRAGMENT).//1.8e-05:128:28//HOMO SAPIENS (HUMAN).//P46934
 F-NT2RP2000644//HYPOTHETICAL PROTEIN HI1566 PRECURSOR.//0.85:48:39//HAEMOPHILUS INFLUENZA
 5 ZAE.//P44257
 F-NT2RP2000656//EARLY GROWTH RESPONSE PROTEIN 1 (EGR-1) (NERVE GROWTH FACTOR-INDUCED PROTEIN A) (NGFI-A).//1.0:111:24//RATTUS NORVEGICUS (RAT).//P08154
 F-NT2RP2000658//URONATE ISOMERASE (EC 5.3.1.12) (GLUCURONATE ISOMERASE) (URONIC ISOMERASE).//0.49:79:31//ESCHERICHIA COLI.//P42607
 10 F-NT2RP2000668//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2) (45 KD MEROZOITE SURFACE ANTIGEN).//0.020:115:30//PLASMODIUM FALCIPARUM (ISOLATE 3D7).//P50498
 F-NT2RP2000678//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00085:38:68//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP2000704//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.2e-17:55:74//HOMO SAPIENS (HUMAN).//P39188
 15 F-NT2RP2000710//ASPARTYL-TRNA SYNTHETASE (EC 6.1.1.12) (ASPARTATE-TRNA LIGASE) (ASPRS).//8.9e-47:106:59//TREPONEMA PALLIDUM.//O83950
 F-NT2RP2000715
 F-NT2RP2000731//CONIDIATION-SPECIFIC PROTEIN 10.//0.094:31:41//NEUROSPORA CRASSA.//P10713
 20 F-NT2RP2000758//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00027:31:74//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP2000764//NIFS PROTEIN.//2.7e-27:175:47//ANABAENA SP. (STRAIN PCC 7120).//P12623
 F-NT2RP2000809//HYPOTHETICAL PROTEIN MG381 HOMOLOG.//0.91:85:25//MYCOPLASMA PNEUMONIAE.//P75219
 25 F-NT2RP2000812//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A).//2.8e-07:133:31//MUS MUSCULUS (MOUSE).//Q99104
 F-NT2RP2000814//40S RIBOSOMAL PROTEIN S27A.//0.93:44:38//LYCOPERSICON ESCULENTUM (TOMATO), AND SOLANUM TUBEROSUM (POTATO).//P27083
 F-NT2RP2000816//HYPOTHETICAL 88.4 KD PROTEIN B0464.7 IN CHROMOSOME III.//3.3e-21:123:39//CAENORHABDITIS ELEGANS.//Q03565
 30 F-NT2RP2000819//TROPOMYOSIN 5, CYTOSKELETAL TYPE.//1.0:71:30//MUS MUSCULUS (MOUSE).//P21107
 F-NT2RP2000841//GUANINE NUCLEOTIDE RELEASING PROTEIN (GNRP).//0.0011:133:26//MUS MUSCULUS (MOUSE).//P27671
 35 F-NT2RP2000842//LYSOPHOSPHATIDIC ACID RECEPTOR (EDG-2).//6.4e-13:22:95//HOMO SAPIENS (HUMAN).//Q92633
 F-NT2RP2000845//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR (MSTI).//0.92:24:41//MEDICAGO SCUTELLATA (SNAIL MEDIC).//P80321
 F-NT2RP2000863//N-MYC PROTO-ONCOGENE PROTEIN.//0.010:148:27//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P24793
 40 F-NT2RP2000880//PROBABLE TRANSLATION INITIATION FACTOR IF-2.//4.0e-100:199:94//HOMO SAPIENS (HUMAN).//O60841
 F-NT2RP2000892//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN].//0.43:45:44//MUS MUSCULUS (MOUSE).//P28481
 45 F-NT2RP2000931//MATRIN 3.//2.8e-46:104:92//RATTUS NORVEGICUS (RAT).//P43244
 F-NT2RP2000932//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNAASE L) (RIBONUCLEASE 4) (FRAGMENT).//3.9e-07:113:31//MUS MUSCULUS (MOUSE).//Q05921
 F-NT2RP2000938//VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV3.3 (KSHIID).//0.026:59:45//RATTUS NORVEGICUS (RAT).//Q01956
 50 F-NT2RP2000943//HYPOTHETICAL PROTEIN KIAA0079 (HA3543).//5.9e-18:161:42//HOMO SAPIENS (HUMAN).//P53992
 F-NT2RP2000965//INNER CENTROMERE PROTEIN (INCENP).//0.062:156:25//GALLUS GALLUS (CHICKEN).//P53352
 F-NT2RP2000970//EC PROTEIN HOMOLOG.//1.0:50:30//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P93746
 55 F-NT2RP2000985//HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC REGION.//2.5e-06:53:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36159
 F-NT2RP2000987//INSECT TOXIN 4 (INSECT TOXIN AAH IT4).//1.0:32:34//ANDROCTONUS AUSTRALIS HEC-

TOR (SAHARA SCORPION).//P21150
F-NT2RP2001036/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.2e-33:65:81//HOMO SAPIENS (HUMAN).//
P39193
F-NT2RP2001044//HIRUSTASIN.//0.97:15:66//HIRUDO MEDICINALIS (MEDICINAL LEECH).//P80302
5 F-NT2RP2001056/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.0e-24:85:65//HOMO SAPIENS (HUMAN).//
P39194
F-NT2RP2001065//BOWMAN-BIRK TYPE SEED TRYPSIN AND CHYMOTRYPSIN INHIBITOR (BTCI).//0.41:50:
32//VIGNA UNGUICULATA (COWPEA).//P17734
F-NT2RP2001070//PROBABLE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXIDASE)
10 (FPRA PROTEIN).//6.2e-18:64:48//MYXOCOCCUS XANTHUS.//P21159
F-NT2RP2001081//SYNAPTOTAGMIN IV.//7.8e-16:94:46//RATTUS NORVEGICUS (RAT).//P50232
F-NT2RP2001094//METALLOTHIONEIN-I (MT-I).//1.0:24:33//RATTUS NORVEGICUS (RAT).//P02803
F-NT2RP2001119/////ALU SUBFAMILY SX WARNING ENTRY !!!!!/7.5e-11:61:63//HOMO SAPIENS (HUMAN).//
P39195
15 F-NT2RP2001127//XE169 PROTEIN (SMCX PROTEIN) (FRAGMENTS).//1.0e-47:155:58//MUS MUSCULUS
(MOUSE).//P41230
F-NT2RP2001137//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.10:68:39//BOS TAURUS (BOVINE).//
P25508
F-NT2RP2001149/////ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-13:81:59//HOMO SAPIENS (HUMAN).//
20 P39188
F-NT2RP2001168//PROTEIN KINASE C SUBSTRATE 80 KD PROTEIN (FRAGMENTS).//0.0071:77:33//RATTUS
NORVEGICUS (RAT).//P20468
F-NT2RP2001173//CYTOSKELETON-ASSOCIATED PROTEIN CKAPI (TUBULIN FOLDING COFACTOR B).//
1.0:36:41//HOMO SAPIENS (HUMAN).//Q99426
25 F-NT2RP2001174//ZINC FINGER PROTEIN 137.//7.2e-11:65:43//HOMO SAPIENS (HUMAN).//P52743
F-NT2RP2001196//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 2 (EC 1.6.5.3).//1.0:95:26//CAPRA HIR-
CUS (GOAT).//Q36346
F-NT2RP2001218//HYPOTHETICAL 59.2 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION.//0.00024:80:
23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40486
30 F-NT2RP2001226//RABPHILIN-3A (FRAGMENT).//4.6e-05:121:39//MUS MUSCULUS (MOUSE).//P47708
F-NT2RP2001233//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//3.2e-61:153:56//HOMO SAPIENS (HU-
MAN).//P16415
F-NT2RP2001245//SYNAPTONEMAL COMPLEX PROTEIN 1 (SCP-1 PROTEIN).//4.9e-05:230:21//HOMO SA-
PIENS (HUMAN).//Q15431
35 F-NT2RP2001268//HOMEBOX PROTEIN CEH-32.//0.23:159:25//CAENORHABDITIS ELEGANS.//Q23175
F-NT2RP2001277
F-NT2RP2001290//BETA-SOLUBLE NSF ATTACHMENT PROTEIN (SNAP-BETA) (SNAP-ALPHA HOMOLOG)
(BRAIN PROTEIN I47) (FRAGMENT).//1.0e-86:131:97//MUS MUSCULUS (MOUSE).//P28663
F-NT2RP2001295
40 F-NT2RP2001312//N-ACETYLGLUCOSAMINE-6-SULFATASE PRECURSOR (EC 3.1.6.14) (G6S) (GLU-
COSAMINE-6-SULFATASE).//0.64:80:33//CAPRA HIRCUS (GOAT).//P50426
F-NT2RP2001327//TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1, ENDOTHELIAL (B12 PRO-
TEIN).//1.0e-36:118:65//HOMO SAPIENS (HUMAN).//Q13829
F-NT2RP2001328//PROBABLE E5 PROTEIN.//1.0:46:41//HUMAN PAPILLOMAVIRUS TYPE 33.//P06426
45 F-NT2RP2001347/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.5e-19:66:62//HOMO SAPIENS (HUMAN).//
P39193
F-NT2RP2001366//SPERM-SPECIFIC PROTEIN PHI-1.//0.66:55:32//MYTILUS EDULIS (BLUE MUSSEL).//
Q04621
F-NT2RP2001378//VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN KV3.3 (KSHIID) (FRAGMENT).//
50 0.060:78:33//HOMO SAPIENS (HUMAN).//Q14003
F-NT2RP2001381//26S PROTEASE REGULATORY SUBUNIT 8 (SUG1 HOMOLOG) (XSUG1).//1.0:167:26//
XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P46470
F-NT2RP2001392//KERATIN, HIGH-SULFUR MATRIX PROTEIN, IIIA3.//0.0080:82:32//OVIS ARIES (SHEEP).//
P02441
55 F-NT2RP2001394//POLYHOMEOTIC-PROXIMAL CHROMATIN PROTEIN.//0.024:39:53//DROSOPHILA MELA-
NOGASTER (FRUIT FLY).//P39769
F-NT2RP2001397//G2/MITOTIC-SPECIFIC CYCLIN B2.//1.4e-46:125:78//MESOCRICETUS AURATUS (GOLD-
EN HAMSTER).//P37883

F-NT2RP2001420//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H]//0.00018:113:38//HOMO SAPIENS (HUMAN).//P04280
 F-NT2RP2001423//HYPOTHETICAL 9.4 KD PROTEIN IN GP31-CD INTERGENIC REGION (ORF A).//0.90:23:43//BACTERIOPHAGE T4.//P17307
 5 F-NT2RP2001427//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.2e-11:38:68//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP2001436//DYNEIN LIGHT INTERMEDIATE CHAIN 2, CYTOSOLIC (LIC53/55) (LIC-2).//0.25:124:28//RATTUS NORVEGICUS (RAT).//Q62698
 F-NT2RP2001440//14-3-3 PROTEIN GAMMA (PROTEIN KINASE C INHIBITOR PROTEIN-1) (KCIP-1).//4.8e-62:145:90//RATTUS NORVEGICUS (RAT).//P35214
 10 F-NT2RP2001445
 F-NT2RP2001449//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100 KD SUBUNIT).//9.5e-118:226:95//BOS TAURUS (BOVINE).//Q10568
 F-NT2RP2001450
 15 F-NT2RP2001467//SHORT NEUROTOXIN 1 (TOXIN V-II-1).//1.0:25:40//BUNGARUS FASCIATUS (BANDED KRAIT).//P10808
 F-NT2RP2001506
 F-NT2RP2001511//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III.//0.49:124:29//CAENORHABDITIS ELEGANS.//P34681
 20 F-NT2RP2001520//VITAMIN D-DEPENDENT CALCIUM-BINDING PROTEIN, INTESTINAL (CABP) (CALBINDIN D9K).//0.035:71:33//HOMO SAPIENS (HUMAN).//P29377
 F-NT2RP2001526
 F-NT2RP2001536//METALLOTHIONEIN-I (MT-1).//1.0:19:42//COLUMBA LIVIA (DOMESTIC PIGEON).//P15786
 F-NT2RP2001560//CUTICLE COLLAGEN 12 PRECURSOR.//0.0018:144:35//CAENORHABDITIS ELEGANS.//P20630
 25 F-NT2RP2001569//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.7e-31:102:67//HOMO SAPIENS (HUMAN).//P39194
 F-NT2RP2001576//SMP3 PROTEIN.//0.00016:75:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04174
 30 F-NT2RP2001581//TRANSMEMBRANE PROTEIN SEX PRECURSOR.//0.040:46:36//HOMO SAPIENS (HUMAN).//P51805
 F-NT2RP2001597//PROBABLE E4 PROTEIN.//0.00042:113:34//HUMAN PAPILLOMAVIRUS TYPE 5.//P06924
 F-NT2RP2001601
 F-NT2RP2001613//HOMEBOX PROTEIN SAX-1 (CHOX-3) (FRAGMENT).//0.14:59:32//GALLUS GALLUS (CHICKEN).//P19601
 35 F-NT2RP2001628//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//0.056:140:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32323
 F-NT2RP2001634//ALPHA-CATENIN.//7.1e-12:152:35//DROSOPHILA MELANOGASTER (FRUIT FLY).//P35220
 40 F-NT2RP2001660//HYPOTHETICAL 80.4 KD PROTEIN IN SMC3-MRPL8 INTERGENIC REGION.//0.43:119:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40358
 F-NT2RP2001663//ALPHA ENOLASE (EC 4.2.1.11) (2-PHOSPHO-D-GLYCERATE HYDRO-LYASE) (NON-NEURAL ENOLASE) (NNE) (PHOSPHOPYRUVATE HYDRATASE).//1.2e-26:126:56//HOMO SAPIENS (HUMAN).//P06733
 45 F-NT2RP2001675//HYPOTHETICAL 107.7 KD PROTEIN IN RPSO 5'REGION (ORF1).//0.25:148:25//CAMPYLOBACTER JEJUNI.//Q46089
 F-NT2RP2001677//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT).//0.010:101:31//RATTUS NORVEGICUS (RAT).//P10164
 50 F-NT2RP2001678//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-18:83:61//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP2001699//PROTEIN C14.//0:98:51:31//VACCINIA VIRUS (STRAIN COPENHAGEN).//P21045
 F-NT2RP2001720//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2) (ALLELIC FORM 1).//0.16:145:30//PLASMODIUM FALCIPARUM (ISOLATE CAMP / MALAYSIA).//Q99317
 55 F-NT2RP2001721//MALE-SPECIFIC LETHAL-2 PROTEIN.//0.00090:48:39//DROSOPHILA MELANOGASTER (FRUIT FLY).//P50534
 F-NT2RP2001740//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.50:43:25//BOS TAURUS (BOVINE).//P20072
 F-NT2RP2001748//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-

MENT).//0.77:111:28//HOMO SAPIENS (HUMAN).//P10162
 F-NT2RP2001762
 F-NT2RP2001813//PHOTOSYSTEM I REACTION CENTRE SUBUNIT VIII (PSI-I).//1.0:22:40//PICEA ABIES
 (NORWAY SPRUCE) (PICEA EXCELSA).//Q47040
 5 F-NT2RP2001839//SCY1 PROTEIN.//6.8e-17:204:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P53009
 F-NT2RP2001861//D15KZ1 PROTEIN (FRAGMENT).//0.31:56:39//MUS MUSCULUS (MOUSE).//Q61466
 F-NT2RP2001869//CORNEODESMOSIN (S PROTEIN) (FRAGMENT).//0.97:78:30//SUS SCROFA (PIG).//
 O19084
 10 F-NT2RP2001876//ALLOGRAFT INFLAMMATORY FACTOR-1 (AIF-1) (IONIZED CALCIUM BINDING ADAPTER
 MOLECULE 1).//3.5e-36:106:66//HOMO SAPIENS (HUMAN).//P55008
 F-NT2RP2001883//CATHEPSIN L (EC 3.4.22.15).//0.95:29:41//OVIS ARIES (SHEEP).//Q10991
 F-NT2RP2001898//TYPE II INOSITOL-1,4,5-TRISPHOSPHATE 5-PHOSPHATASE PRECURSOR (EC 3.1.3.56)
 (5PTASE) (FRAGMENT).//1.6e-84:185:88//HOMO SAPIENS (HUMAN).//P32019
 15 F-NT2RP2001900//ACTIN-LIKE PROTEIN ARP5.//1.1e-17:180:34//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P53946
 F-NT2RP2001907//HYPHAL WALL PROTEIN 1 (CELL ELONGATION PROTEIN 2).//0.13:108:27//CANDIDA AL-
 BICANS (YEAST).//P46593
 F-NT2RP2001926//HYPOTHETICAL 7.6 KD PROTEIN YCF33.//0.55:57:26//CYANOPHORA PARADOXA.//
 P48273
 20 F-NT2RP2001936
 F-NT2RP2001943//HYPOTHETICAL 57.7 KD PROTEIN IN AIP1-CTF13 INTERGENIC REGION.//1.8e-13:208:
 22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04305
 F-NT2RP2001946//HYPOTHETICAL 13.0 KD PROTEIN IN ALGR3 3'REGION.//0.59:76:28//PSEUDOMONAS
 25 AERUGINOSA.//P21485
 F-NT2RP2001947//ZINC FINGER PROTEIN DAN (N03).//0.53:68:29//RATTUS NORVEGICUS (RAT).//Q06880
 F-NT2RP2001969//CHLOROPLAST 30S RIBOSOMAL PROTEIN S18.//0.0015:52:34//CHLORELLA VUL-
 GARIS.//P56353
 F-NT2RP2001976//DILUTE MYOSIN HEAVY CHAIN, NON-MUSCLE (MYOSIN 5A).//9.5e-07:201:22//MUS MUS-
 30 CULUS (MOUSE).//Q99104
 F-NT2RP2001985//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//0.016:90:32//MUS MUSCULUS (MOUSE).//
 P05142
 F-NT2RP2001991//SODIUM- AND CHLORIDE-DEPENDENT TRANSPORTER NTT73.//8.0e-14:47:76//RATTUS
 NORVEGICUS (RAT).//Q08469
 35 F-NT2RP2002025//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//
 2.9e-30:211:42//GALLUS GALLUS (CHICKEN).//P35331
 F-NT2RP2002032//FLOCCULANT-ACTIVE PROTEINS MO2.1 AND MO2.2.//0.23:20:40//MORINGA OLEIFERA
 (HORSE RADISH TREE) (MORINGA PTERYGOSPERMA).//P24303
 F-NT2RP2002033//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//0.88:27:62//HOMO SAPIENS (HUMAN).//
 40 P39193
 F-NT2RP2002041
 F-NT2RP2002046//MATING PROCESS PROTEIN MID2 (SERINE-RICH PROTEIN SMS1) (PROTEIN KINASE
 A INTERFERENCE PROTEIN).//1.0:85:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36027
 F-NT2RP2002047
 45 F-NT2RP2002058//DOM34 INTERACTING PROTEIN 2.//9.4e-25:165:34//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//Q12220
 F-NT2RP2002066//TIGHT JUNCTION PROTEIN ZO-1 (TIGHT JUNCTION PROTEIN 1).//5.7e-12:108:41//HOMO
 SAPIENS (HUMAN).//Q07157
 F-NT2RP2002070//CYTOCHROME C OXIDASE POLYPEPTIDE II (EC 1.9.3.1) (FRAGMENT).//0.88:28:50//AS-
 50 TERINA PECTINIFERA (STARFISH).//P11958
 F-NT2RP2002076//TRP-ASP REPEATS CONTAINING PROTEIN RBA-2.//0.0031:124:27//CAENORHABDITIS
 ELEGANS.//P90916
 F-NT2RP2002078//KERATIN, GLYCINE/TYROSINE-RICH OF HAIR.//0.82:30:40//OVIS ARIES (SHEEP).//
 Q02958
 55 F-NT2RP2002079//OUTER DENSE FIBER PROTEIN.//0.34:41:39//HOMO SAPIENS (HUMAN).//Q14990
 F-NT2RP2002099//HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN U (HNRNP U).//5.2e-08:81:48//HO-
 MO SAPIENS (HUMAN).//Q00839
 F-NT2RP2002105//COLLAGEN 1(X) CHAIN PRECURSOR.//0.0012:100:34//BOS TAURUS (BOVINE).//P23206

F-NT2RP2002124//EARLY GROWTH RESPONSE PROTEIN 1 (EGR-1) (KROX24) (TRANSCRIPTION FACTOR ETR103) (ZINC FINGER PROTEIN 225) (AT225).//0.74:72:31//HOMO SAPIENS (HUMAN).//P18146
 F-NT2RP2002137//NEUROTOXIN B-II.//1.0:27:44//CEREBRATULUS LACTEUS (MILKY RIBBON WORM).//P01526
 5 F-NT2RP2002154//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PROTEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN) (LECTIN L-29) (L-34 GALACTOSIDE-BINDING LECTIN).//0.0029:112:34//MUS MUSCULUS (MOUSE).//P16110
 F-NT2RP2002172
 F-NT2RP2002185//UBIQUITIN-LIKE PROTEIN DSK2.//1.8e-07:87:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P48510
 10 F-NT2RP2002192
 F-NT2RP2002193//CUTICLE COLLAGEN 40.//0.0062:70:37//CAENORHABDITIS ELEGANS.//P34804
 F-NT2RP2002208//PEROXISOME ASSEMBLY PROTEIN PEX10 (PEROXIN-10).//0.00011:45:40//HOMO SAPIENS (HUMAN).//060683
 15 F-NT2RP2002219
 F-NT2RP2002231//V-TYPE SODIUM ATP SYNTHASE SUBUNIT E (EC 3.6.1.34) (NA(+)-TRANSLOCATING ATPASE SUBUNIT E).//1.0:68:32//ENTEROCOCCUS HIRAE.//P43436
 F-NT2RP2002235//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5).//0.0022:66:45//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN CVG-2).//P37318
 20 F-NT2RP2002252//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT).//0.071:110:31//CRICETULUS GRISEUS (CHINESE HAMSTER).//P11414
 F-NT2RP2002256//CYTOCHROME P450 26 (EC 1.14.-.-) (RETINOIC ACID-METABOLIZING CYTOCHROME) (P450RA1) (RETINOIC ACID 4-HYDROXYLASE).//3.1e-31:75:84//MUS MUSCULUS (MOUSE).//O55127
 F-NT2RP2002259//L-MYC-1 PROTO-ONCOGENE PROTEIN.//1.9e-17:41:90//HOMO SAPIENS (HUMAN).//P12524
 25 F-NT2RP2002270//HYPOTHETICAL 26.0 KD PROTEIN IN CYB5-LEU4 INTERGENIC REGION.//2.1e-27:164:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53930
 F-NT2RP2002292//IMMEDIATE-EARLY PROTEIN RSP40.//0.018:107:23//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV).//P24827
 30 F-NT2RP2002312//PHOSPHATIDATE CYTIDYLYLTRANSFERASE (EC 2.7.7.41) (CDP-DIGLYCERIDE SYNTHETASE) (CDP-DIGLYCERIDE PYROPHOSPHORYLASE) (CDP-DIACYLGLYCEROL SYNTHASE) (CDS) (CTP:PHOSPHATIDATE CYTIDYLYLTRANSFERASE) (CDP-DAG SYNTHASE).//1.4e-52:174:55//HOMO SAPIENS (HUMAN).//Q92903
 F-NT2RP2002316//HISTONE H1.C6/H1.C9.//1.0:40:40//TRYPANOSOMA CRUZI.//P40269
 35 F-NT2RP2002325//PEROXISOMAL MEMBRANE PROTEIN PMP30A (PMP31) (PEROXIN 11A).//2.2e-06:145:26//CANDIDA BOIDINII (YEAST).//Q00316
 F-NT2RP2002333//HYPOTHETICAL 39.1 KD PROTEIN IN RNPB-SOHA INTERGENIC REGION (ORF 3).//0.30:86:32//ESCHERICHIA COLI.//P23524
 F-NT2RP2002373//SYNAPSINS IA AND IB.//0.080:145:31//BOS TAURUS (BOVINE).//P17599
 40 F-NT2RP2002385//ENV POLYPROTEIN PRECURSOR (COAT POLYPROTEIN) [CONTAINS: KNOB PROTEIN GP70; SPIKE PROTEIN P15E; R PROTEIN].//0.021:66:28//MINK CELL FOCUS-FORMING MURINE LEUKEMIA VIRUS (ISOLATE CI-3).//P03388
 F-NT2RP2002394
 F-NT2RP2002408//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS).//0.00030:107:37//BOS TAURUS (BOVINE).//P02453
 45 F-NT2RP2002426
 F-NT2RP2002439//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS).//0.00032:79:32//PLASMODIUM BERGHEI (STRAIN ANKA).//P23093
 F-NT2RP2002442//HESA PROTEIN.//6.0e-16:163:30//PLECTONEMA BORYANUM.//P46037
 50 F-NT2RP2002457
 F-NT2RP2002464//HYPOTHETICAL 60.7 KD PROTEIN C56F8.17C IN CHROMOSOME I.//9.3e-18:165:32//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10264
 F-NT2RP2002475//CYSTEINE-RICH HEART PROTEIN (HCRHP).//0.91:45:35//HOMO SAPIENS (HUMAN).//P50238
 55 F-NT2RP2002479//ATP-BINDING CASSETTE TRANSPORTER 7 PRECURSOR (ABC TRANSPORTER 7 PROTEIN).//6.8e-96:186:94//HOMO SAPIENS (HUMAN).//O75027
 F-NT2RP2002498//HYPOTHETICAL MERCURIC RESISTANCE PROTEIN MERC.//0.65:37:45//PSEUDOMONAS AERUGINOSA.//P04139

F-NT2RP2002503//ZINC FINGER PROTEIN 45 (BRC1744).//1.3e-31:124:59//HOMO SAPIENS (HUMAN).//Q02386
 F-NT2RP2002504//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NUCLEOPORIN) (P140).//1.2e-123:240:92//RATTUS NORVEGICUS (RAT).//P37199
 5 F-NT2RP2002520//ACIDIC PROLINE-RICH PROTEIN HP43A PRECURSOR.//0.94:83:28//MESOCRICETUS AURATUS (GOLDEN HAMSTER).//P06680
 F-NT2RP2002537//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//4.0e-10:194:23//CAENORHABDITIS ELEGANS.//Q11073
 F-NT2RP2002546
 10 F-NT2RP2002549//G2/MITOTIC-SPECIFIC CYCLIN C13-1 (A-LIKE CYCLIN) (FRAGMENT).//0.98:65:30//DAUCUS CAROTA (CARROT).//P25010
 F-NT2RP2002591//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//2.6e-19:60:61//HOMO SAPIENS (HUMAN).//P51523
 F-NT2RP2002595//ANNEXIN VII (SYNEXIN).//1.2e-15:121:49//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//Q92125
 15 F-NT2RP2002606//PROTEIN TRANSPORT PROTEIN SEC2.//0.00034:98:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P17065
 F-NT2RP2002609//HYPOTHETICAL 52.0 KD PROTEIN IN CLB6-SPT6 INTERGENIC REGION.//0.00022:79:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53264
 20 F-NT2RP2002618//PROTEIN ARGININE N-METHYLTRANSFERASE 1 (EC 2.1.1.-).//6.2e-37:180:44//RATTUS NORVEGICUS (RAT).//Q63009
 F-NT2RP2002621//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.98:37:35//LEMUR CATTAL (RING-TAILED LEMUR).//Q34879
 F-NT2RP2002643//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5).//0.042:77:32//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN MGH-10).//P37319
 25 F-NT2RP2002672//PROTEIN Q300.//0.0018:41:43//MUS MUSCULUS (MOUSE).//Q02722
 F-NT2RP2002701//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//3.6e-17:100:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09701
 F-NT2RP2002706//IMMEDIATE-EARLY PROTEIN IE180.//0.00027:139:33//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV).//P33479
 30 F-NT2RP2002710//SH3-BINDING PROTEIN 3BP-1.//6.9e-09:96:40//MUS MUSCULUS (MOUSE).//P55194
 F-NT2RP2002727//TUBERIN (TUBEROUS SCLEROSIS 2 HOMOLOG PROTEIN).//3.6e-20:160:36//RATTUS NORVEGICUS (RAT).//P49816
 F-NT2RP2002736
 35 F-NT2RP2002740
 F-NT2RP2002741//RHO1 GDP-GTP EXCHANGE PROTEIN 2.//2.0e-07:178:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P51862
 F-NT2RP2002750//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//1.6e-09:43:72//HOMO SAPIENS (HUMAN).//P39191
 40 F-NT2RP2002752//LOW CALCIUM RESPONSE LOCUS PROTEIN T.//0.95:33:39//YERSINIA PSEUDOTUBERCULOSIS.//Q00932
 F-NT2RP2002753//ENDOGLUCANASE EG-1 PRECURSOR (EC 3.2.1.4) (ENDO-1,4-BETA-GLUCANASE) (CELLULOSE).//0.71:78:33//TRICHODERMA LONGIBRACHIATUM.//Q12714
 F-NT2RP2002769//50 KD SPICULE MATRIX PROTEIN PRECURSOR.//0.44:76:32//STRONGYLOCENTROTUS PURPURATUS (PURPLE SEA URCHIN).//P11994
 45 F-NT2RP2002778
 F-NT2RP2002800//CRAMBIN.//0.99:20:50//CRAMBE ABYSSINICA (ABYSSINIAN CRAMBE).//P01542
 F-NT2RP2002839//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC PEPTIDE P-F] (FRAGMENT).//0.010:87:31//HOMO SAPIENS (HUMAN).//P02812
 50 F-NT2RP2002857//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP33).//0.00018:57:45//RATTUS NORVEGICUS (RAT).//P04474
 F-NT2RP2002862//HYPOTHETICAL 27.1 KD PROTEIN UFD4-CAP1 INTERGENIC REGION.//7.2e-27:140:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P33201
 F-NT2RP2002880//DNA REPAIR PROTEIN RAD32.//0.83:67:28//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09683
 55 F-NT2RP2002891//HOMEODOMAIN PROTEIN DLX-2 (DLX-5) (FRAGMENT).//0.99:70:24//RATTUS NORVEGICUS (RAT).//Q64204
 F-NT2RP2002925//ALPHA-1D ADRENERGIC RECEPTOR (ALPHA 1D-ADRENOCEPTOR) (ALPHA-1A

ADRENERGIC RECEPTOR).//0.31:48:43//HOMO SAPIENS (HUMAN).//P25100
 F-NT2RP2002928//CELL DIVISION CONTROL PROTEIN 40.//2.8e-26:142:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40968
 F-NT2RP2002929//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II.//2.0e-31:186:35//CAENORHABDITIS ELEGANS.//Q18964
 5 F-NT2RP2002939//ADENYLATE CYCLASE, TYPE V (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (CA(2+)-INHIBITABLE ADENYLYL CYCLASE).//0.0022:98:39//CANIS FAMILIARIS (DOG).//P30803
 F-NT2RP2002954//U2 SMALL NUCLEAR RIBONUCLEOPROTEIN A' (U2 SNRNP-A').//0.0019:107:30//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P43333
 10 F-NT2RP2002959//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2).//2.8e-11:33:81//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), RATTUS NORVEGICUS (RAT), AND XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P51669
 F-NT2RP2002979
 15 F-NT2RP2002980//30S RIBOSOMAL PROTEIN S10.//1.1e-09:98:36//MYCOPLASMA CAPRICOLUM.//P10129
 F-NT2RP2002986//RING CANAL PROTEIN (KELCH PROTEIN).//1.1e-19:141:39//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q04652
 F-NT2RP2002987//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.3e-07:78:47//HOMO SAPIENS (HUMAN).//P39192
 20 F-NT2RP2002993//DNA-DIRECTED RNA POLYMERASE I 135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMERASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT).//8.0e-77:165:85//RATTUS NORVEGICUS (RAT).//O54888
 F-NT2RP2003000//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.8e-19:62:64//HOMO SAPIENS (HUMAN).//P39194
 25 F-NT2RP2003034//HYPOTHETICAL PROTEIN HI1458.//1.0:42:35//HAEMOPHILUS INFLUENZAE.//P44204
 F-NT2RP2003073//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//0.0051:16:87//HOMO SAPIENS (HUMAN).//P39189
 F-NT2RP2003099
 F-NT2RP2003108//BASIC PROLINE-RICH PEPTIDE IB-1.//0.84:47:34//HOMO SAPIENS (HUMAN).//P04281
 30 F-NT2RP2003117
 F-NT2RP2003121//HYPOTHETICAL 96.7 KD PROTEIN IN STE2-FRS2 INTERGENIC REGION.//9.0e-08:99:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43572
 F-NT2RP2003125//TRANSCRIPTION REGULATOR PROTEIN BACH2 (BTB AND CNC HOMOLOG 2).//9.2e-08:134:28//MUS MUSCULUS (MOUSE).//P97303
 35 F-NT2RP2003129
 F-NT2RP2003137//UBIQUITIN.//3.4e-06:70:30//NEUROSPORA CRASSA.//P13117
 F-NT2RP2003157//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II.//7.8e-13:84:40//CAENORHABDITIS ELEGANS.//Q09217
 F-NT2RP2003158//26S PROTEASOME REGULATORY SUBUNIT S3 (PROTEASOME SUBUNIT P58).//3.1e-65:155:84//HOMO SAPIENS (HUMAN).//O43242
 40 F-NT2RP2003161//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//0.0011:59:42//MUS MUSCULUS (MOUSE).//P05142
 F-NT2RP2003164//ZYXIN.//0.0037:85:36//MUS MUSCULUS (MOUSE).//Q62523
 F-NT2RP2003165//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.2e-24:77:64//HOMO SAPIENS (HUMAN).//P39194
 45 F-NT2RP2003177//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.55:38:39//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01643
 F-NT2RP2003194//HYPOTHETICAL 12.5 KD PROTEIN ZK637.2 IN CHROMOSOME III.//2.3e-14:87:37//CAENORHABDITIS ELEGANS.//P30629
 50 F-NT2RP2003206//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 3 (EC 1.6.5.3).//1.0:100:28//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH AMERICAN OPOSSUM).//P41306
 F-NT2RP2003228//DNA REPLICATION LICENSING FACTOR MCM4 (CDC21 HOMOLOG) (P1-CDC21).//9.3e-82:211:81//HOMO SAPIENS (HUMAN).//P33991
 F-NT2RP2003230//SEC14 CYTOSOLIC FACTOR (PHOSPHATIDYLINOSITOL/PHOSPHATIDYLCHOLINE TRANSFER PROTEIN) (PI/PC TP).//1.0:51:31//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLABRATA).//P53989
 55 F-NT2RP2003237//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//5.1e-44:66:84//HOMO SAPIENS (HUMAN).//P39194

F-NT2RP2003243//M PROTEIN, SEROTYPE 5 PRECURSOR.//0.027:204:23//STREPTOCOCCUS PYO-
 GENES.//P02977
 F-NT2RP2003265//BP4A PROTEIN.//0.95:35:34//BRASSICA NAPUS (RAPE).//P41505
 5 F-NT2RP2003272//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG (PROTEIN CEX) (FRAGMENT).//5.5e-
 06:78:35//BRASSICA NAPUS (RAPE).//P40603
 F-NT2RP2003277//NAM7 PROTEIN (NONSENSE-MEDIATED MRNA DECAY PROTEIN 1) (UP-FRAMESHIFT
 SUPPRESSOR 1).//1.9e-19:145:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P30771
 F-NT2RP2003280
 10 F-NT2RP2003286//RNA 3'-TERMINAL PHOSPHATE CYCLASE (EC 6.5.1.4) (RNA-3'-PHOSPHATE CYCLASE)
 (RNA CYCLASE).//2.1e-32:137:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q08096
 F-NT2RP2003293//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.7e-12:175:33//HOMO SA-
 PIENS (HUMAN).//P51522
 F-NT2RP2003295//PTB-ASSOCIATED SPLICING FACTOR (PSF).//0.055:44:45//HOMO SAPIENS (HUMAN).//
 P23246
 15 F-NT2RP2003297
 F-NT2RP2003307//KINESIN LIGHT CHAIN (KLC).//2.0e-18:87:49//RATTUS NORVEGICUS (RAT).//P37285
 F-NT2RP2003308//CROOKED NECK PROTEIN.//2.1e-91:244:67//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P17886
 F-NT2RP2003329//HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III.//5.8e-57:186:55//
 20 CAENORHABDITIS ELEGANS.//P34284
 F-NT2RP2003339//SHORT NEUROTOXIN 1 (NEUROTOXIN ALPHA).//0.98:11:72//DENDROASPIS POLYLEPIS
 POLYLEPIS (BLACK MAMBA).//P01416
 F-NT2RP2003347//60S RIBOSOMAL PROTEIN L38.//0.83:42:33//OSTERTAGIA OSTERTAGI.//O61570
 F-NT2RP2003367//SYNERGISTIC-TYPE VENOM PROTEIN C9S3, CHAIN 1.//1.0:37:35//DENDROASPIS AN-
 25 GUSTICEPS (EASTERN GREEN MAMBA).//P01408
 F-NT2RP2003391//MRNA TRANSPORT REGULATOR MTR10.//3.3e-11:229:24//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//Q99189
 F-NT2RP2003393//PROTOCHLOROPHYLLIDE REDUCTASE CHLB SUBUNIT (EC 1.3.1.33) (NADPH- PROTO-
 CHLOROPHYLLIDE OXIDOREDUCTASE CHLB SUBUNIT) (FRAGMENT).//0.94:29:34//ARAUCARIA HETERO-
 30 PHYLLA.//P37843
 F-NT2RP2003394
 F-NT2RP2003401//60 KD CHAPERONIN (PROTEIN CPN60) (GROEL PROTEIN).//0.95:125:28//THERMUS
 AQUATICUS (SUBSP. THERMOPHILUS).//P45746
 F-NT2RP2003433//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//9.8e-78:178:84//RATTUS
 35 NORVEGICUS (RAT).//P38378
 F-NT2RP2003445
 F-NT2RP2003446//HYPOTHETICAL PROTEIN E-115.//0.00030:106:33//HUMAN ADENOVIRUS TYPE 2.//
 P03290
 F-NT2RP2003456//PHOTOSYSTEM II REACTION CENTRE M PROTEIN.//1.0:27:51//MARCHANTIA POLY-
 40 MORPHA (LIVERWORT).//P12168
 F-NT2RP2003466//LINOLEOYL-COA DESATURASE (EC 1.14.99.25) (DELTA(6)-DESATURASE).//6.7e-06:108:
 32//SYNECHOCYSTIS SP. (STRAIN PCC 6803).//Q08871
 F-NT2RP2003480//TRANSCRIPTION FACTOR BF-2 (BRAIN FACTOR 2) (BF2) (CBF-2) (T-14-6).//7.2e-15:38:
 50//GALLUS GALLUS (CHICKEN).//Q98937
 45 F-NT2RP2003499//5E5 ANTIGEN.//0.090:114:32//RATTUS NORVEGICUS (RAT).//Q63003
 F-NT2RP2003506//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR).//2.0e-11:91:43//SUS
 SCROFA (PIG).//P04175
 F-NT2RP2003511//PARAMYOSIN, SHORT FORM (MIMIPARAMYOSIN).//0.0020:108:25//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P35416
 50 F-NT2RP2003513//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.2e-05:96:36//HOMO SAPIENS (HU-
 MAN).//P23246
 F-NT2RP2003517//HYPOTHETICAL 12.9 KD PROTEIN CY49.27.//0.0059:22:31//MYCOBACTERIUM TUBER-
 CULOSIS.//Q10696
 F-NT2RP2003522//HYPOTHETICAL 10.0 KD PROTEIN.//1.0:65:30//THERMOPROTEUS TENAX VIRUS 1
 55 (STRAIN KRA1) (TTV1).//P19283
 F-NT2RP2003533//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//8.7e-18:94:54//HOMO SAPIENS (HU-
 MAN).//P08547
 F-NT2RP2003543//SYNAPSINS IA AND IB.//0.045:101:35//RATTUS NORVEGICUS (RAT).//P09951

F-NT2RP2003559//ITBA2 PROTEIN (DXS9879E)//0.98:37:37//HOMO SAPIENS (HUMAN)//Q14657
 F-NT2RP2003564//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))//6.4e-35:175:44//HOMO SAPIENS (HUMAN)//P19474
 F-NT2RP2003567//HYPOTHETICAL 11.2 KD PROTEIN T18D3.7 IN CHROMOSOME X//0.72:82:34//
 5 CAENORHABDITIS ELEGANS//Q22544
 F-NT2RP2003581//HOMEBOX PROTEIN OTX1//0.90:61:37//MUS MUSCULUS (MOUSE)//P80205
 F-NT2RP2003596//ELONGATION FACTOR P (EF-P)//0.83:61:32//MYCOPLASMA GENITALIUM//P47272
 F-NT2RP2003604//ALPHA-CATENIN//1.5e-11:152:33//DROSOPHILA MELANOGASTER (FRUIT FLY)//P35220
 10 F-NT2RP2003629//PHOSPHOLIPASE A2 ALPHA (EC 3.1.1.4) (PHOSPHATIDYLCHOLINE 2-ACYLHYDROLASE)//0.97:85:27//CROTALUS ADAMANTEUS (EASTERN DIAMONDBACK RATTLESNAKE)//P00623
 F-NT2RP2003643//ACYLNEURAMINATE CYTIDYLYLTRANSFERASE (EC 2.7.7.43) (CMP-N- ACETYL-NEURAMINIC ACID SYNTHETASE) (CMP-NEUNAC SYNTHETASE) (CMP-SIALIC ACID SYNTHETASE)//3.9e-12:84:40//NEISSERIA MENINGITIDIS//Q57385
 15 F-NT2RP2003668//!!!! ALU-SUBFAMILY SX WARNING ENTRY !!!!!/5.0e-33:74:81//HOMO SAPIENS (HUMAN)//P39195
 F-NT2RP2003687//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.7e-05:40:67//HOMO SAPIENS (HUMAN)//P39188
 F-NT2RP2003691//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.5e-37:56:67//HOMO SAPIENS (HUMAN)//P39194
 20 F-NT2RP2003702//HYPOTHETICAL OXIDOREDUCTASE IN INLA 5'REGION (EC 1.-.-.-) (ORFA)//1.3e-07:98:37//LISTERIA MONOCYTOGENES//P25145
 F-NT2RP2003704//GAMMA-GLUTAMYLTRANSFERASE 5 PRECURSOR (EC 2.3.2.2) (GAMMA-GLUTAMYLTRANSFERASE 5) (GGT-REL)//0.66:23:52//HOMO SAPIENS (HUMAN)//P36269
 25 F-NT2RP2003706//GLUTAMYL AMINOPEPTIDASE (EC 3.4.11.7) (EAP) (AMINOPEPTIDASE A) (APA) (DIFFERENTIATION ANTIGEN GP160)//1.2e-22:187:35//HOMO SAPIENS (HUMAN)//Q07075
 F-NT2RP2003713//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 6 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 6) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 6) (DEUBIQUITINATING ENZYME 6) (PROTO-ONCOGENE TRE-2)//2.7e-06:119:34//HOMO SAPIENS (HUMAN)//P35125
 30 F-NT2RP2003714//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7)//6.7e-27:68:75//HOMO SAPIENS (HUMAN)//Q05481
 F-NT2RP2003727//HYPOTHETICAL PROTEIN MG007 HOMOLOG//0.64:110:30//MYCOPLASMA PNEUMONIAE//P75105
 F-NT2RP2003737//UBIQUITIN-CONJUGATING ENZYME E2-17 KD 2 (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (E2(17)KB 2)//1.2e-72:147:90//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), RATTUS NORVEGICUS (RAT), AND XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P51669
 35 F-NT2RP2003751//EXTRACELLULAR GLOBIN PRECURSOR//0.67:68:30//PSEUDOTERRANOVA DECIPIENS (COD WORM)//P26914
 F-NT2RP2003760//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP)//1.0e-98:235:82//BOS TAURUS (BOVINE)//P53620
 F-NT2RP2003764//HYPOTHETICAL 29.3 KD PROTEIN (ORF92)//0.011:69:34//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10341
 F-NT2RP2003769//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:33:36//EQUUS CABALLUS (HORSE)//P48663
 45 F-NT2RP2003770//PHOSPHATE REGULON SENSOR PROTEIN PHOR (EC 2.7.3.-) (FRAGMENT)//0.029:35:42//PSEUDOMONAS AERUGINOSA//P23621
 F-NT2RP2003777//HYPOTHETICAL 82 KD AVIRULENCE PROTEIN IN AVRBS3 REGION//0.041:67:34//XANTHOMONAS CAMPESTRIS (PV. VESICATORIA)//P14728
 50 F-NT2RP2003781//HYPOTHETICAL 36.7 KD PROTEIN AH6.2 IN CHROMOSOME II//4.7e-54:204:47//CAENORHABDITIS ELEGANS//Q09201
 F-NT2RP2003793//PSEUDO-HEVEIN (MINOR HEVEIN)//0.61:30:36//HEVEA BRASILIENSIS (PARA RUBBER TREE)//P80359
 F-NT2RP2003825//ENDOTHELIN-1 PRECURSOR (ET-1) (FRAGMENT)//1.0:35:37//CANIS FAMILIARIS (DOG)//P13206
 55 F-NT2RP2003840//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X//2.5e-05:80:38//CAENORHABDITIS ELEGANS//Q11076
 F-NT2RP2003857//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17)//0.54:28:50//ESCHERICHIA CO-

LI./P05834
 F-NT2RP2003859//DROSOCIN PRECURSOR./1.0:37:35//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 P36193
 F-NT2RP2003871
 5 F-NT2RP2003885//CUTICLE PROTEIN 32 (LM-32) (LM-ACP 32) (FRAGMENT)./1.0:28:50//LOCUSTA MIGRA-
 TORIA (MIGRATORY LOCUST)./P11736
 F-NT2RP2003912//SERINE/THREONINE-PROTEIN KINASE NEK1 (EC 2.7.1.-) (NIMA-RELATED PROTEIN KI-
 NASE 1)./4.8e-110:268:80//MUS MUSCULUS (MOUSE)./P51954
 10 F-NT2RP2003952//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMI-
 NOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B)./0.00024:92:31//RATTUS NORVEGICUS (RAT).//
 O09175
 F-NT2RP2003968//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN)./9.2e-05:101:36//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG)./P17437
 F-NT2RP2003976/////ALU SUBFAMILY J WARNING ENTRY !!!!!/1.7e-21:62:62//HOMO SAPIENS (HUMAN).//
 15 P39188
 F-NT2RP2003981//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS8./2.7e-08:165:22//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST)./P39702
 F-NT2RP2003984//UNC-87 PROTEIN./0.75:71:28//CAENORHABDITIS ELEGANS./P37806
 F-NT2RP2003986/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.3e-19:47:70//HOMO SAPIENS (HUMAN).//
 20 P39193
 F-NT2RP2003988/////ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.2e-18:80:58//HOMO SAPIENS (HUMAN).//
 P39195
 F-NT2RP2004013//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3).//
 1.0e-52:141:77//HOMO SAPIENS (HUMAN)./P20290
 25 F-NT2RP2004014//MACROPHAGE INFLAMMATORY PROTEIN-2-ALPHA (MIP2-ALPHA) (CINC-2-ALPHA).//
 0.99:45:26//RATTUS NORVEGICUS (RAT)./Q10746
 F-NT2RP2004041//SYNAPSINS IA AND IB./0.0022:51:37//BOS TAURUS (BOVINE)./P17599
 F-NT2RP2004042//CRUSTACEAN HYPERGLYCEMIC HORMONE PRECURSOR (CHH) (FRAGMENT)./1.0:49:
 28//PENAEUS VANNAMEI (PENOEID SHRIMP) (EUROPEAN WHITE SHRIMP)./Q26181
 30 F-NT2RP2004066//CALDESMON (CDM)./2.9e-05:175:21//GALLUS GALLUS (CHICKEN)./P12957
 F-NT2RP2004081//CADMIUM-METALLOTHIONEIN (CD-MT)./0.93:59:23//HELIIX POMATIA (ROMAN SNAIL)
 (EDIBLE SNAIL)./P33187
 F-NT2RP2004098//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1)./4.6e-09:121:30//HO-
 MO SAPIENS (HUMAN)./Q15404
 35 F-NT2RP2004124//NONHISTONE CHROMOSOMAL PROTEIN HMG-17./0.068:63:31//GALLUS GALLUS
 (CHICKEN)./P02314
 F-NT2RP2004142//HYPOTHETICAL 59.1 KD PROTEIN IN VPS15-YMC2 INTERGENIC REGION./7.9e-05:94:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)./P38262
 F-NT2RP2004152//LAMIN L(I)./0.25:167:19//XENOPUS LAEVIS (AFRICAN CLAWED FROG)./P09010
 40 F-NT2RP2004165//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION./0.0014:124:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)./P53214
 F-NT2RP2004170//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)./0.012:125:30//MUS MUSCULUS
 (MOUSE)./P05143
 F-NT2RP2004172//HYPOTHETICAL 105.7 KD PROTEIN IN TPK3-PIR1 INTERGENIC REGION./4.1e-26:214:
 45 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)./P36051
 F-NT2RP2004187//ZINC FINGER PROTEIN 174./3.7e-12:76:47//HOMO SAPIENS (HUMAN)./Q15697
 F-NT2RP2004194//HYPOTHETICAL 10.5 KD PROTEIN C31A2.13C IN CHROMOSOME I./0.0013:92:23//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)./Q09730
 50 F-NT2RP2004196//METALLOTHIONEIN 10-II (MT-10-II)./0.92:36:36//MYTILUS EDULIS (BLUE MUSSEL).//
 P80247
 F-NT2RP2004207//MALE ACCESSORY GLAND SECRETORY PROTEIN 355A PRECURSOR./0.92:62:35//
 DROSOPHILA SIMULANS (FRUIT FLY)./P33737
 F-NT2RP2004226//66 KD STRESS PROTEIN (P66)./0.030:113:26//PHYSARUM POLYCEPHALUM (SLIME
 MOLD)./P90587
 55 F-NT2RP2004232//PROTEIN KINASE C, MU TYPE (EC 2.7.1.-) (NPKC-MU)./2.0e-48:211:51//HOMO SAPIENS
 (HUMAN)./Q15139
 F-NT2RP2004239//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT PW212 PRECURSOR./0.00038:111:
 36//TRITICUM AESTIVUM (WHEAT)./P08489

F-NT2RP2004240//METALLOTHIONEIN-II (MT-II) (METALLOTHIONEIN-LIKE PROTEIN) (MT-CE)//1.0:39:28//
 CAENORHABDITIS ELEGANS.//P17512
 F-NT2RP2004242//RAS-RELATED PROTEIN RGP1 (GTP-BINDING REGULATORY PROTEIN RGP1)//0.0036:
 64:28//ORYZA SATIVA (RICE).//P25766
 5 F-NT2RP2004245//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:21:42//PONGO PYGMAEUS PYG-
 MAEUS (BORNEAN ORANGUTAN).//P92896
 F-NT2RP2004270//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//0.00023:118:33//NEPHILA CLA-
 VIPES (ORB SPIDER).//P46804
 F-NT2RP2004300//PROBABLE E4 PROTEIN.//0.18:77:40//HUMAN PAPILLOMAVIRUS TYPE 8.//P06425
 10 F-NT2RP2004316
 F-NT2RP2004321//HYPOTHETICAL 10.8 KD PROTEIN SSR2439//1.0:50:28//SYNECHOCYSTIS SP. (STRAIN
 PCC 6803).//Q01904
 F-NT2RP2004339//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.0e-33:84:77//HOMO SAPIENS (HUMAN).//
 P39195
 15 F-NT2RP2004347//HYPOTHETICAL 40.9 KD PROTEIN F33H1.3 FROM CHROMOSOME II.//0.78:96:30//
 CAENORHABDITIS ELEGANS.//Q09556
 F-NT2RP2004364//MINOR OUTER CAPSID PROTEIN (NS26) (NONSTRUCTURAL PROTEIN VP9)//0.059:143:
 30//BOVINE ROTAVIRUS (STRAIN UK).//P04515
 F-NT2RP2004365//EAMZP30-47 PROTEIN (FRAGMENT).//0.27:38:39//EIMERIA ACERVULINA.//P21959
 20 F-NT2RP2004366//GLYCOPROTEIN L PRECURSOR.//0.64:71:28//MAREK'S DISEASE HERPESVIRUS
 (STRAIN GA) (MDHV).//P52510
 F-NT2RP2004373//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR (HISTIDINE-PROLINE RICH GLYCO-
 PROTEIN) (HPRG) (FRAGMENT).//0.59:50:40//ORYCTOLAGUS CUNICULUS (RABBIT).//Q28640
 F-NT2RP2004389//HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III.//4.0e-16:89:43//
 25 CAENORHABDITIS ELEGANS.//P34388
 F-NT2RP2004392
 F-NT2RP2004396//SINGLE-STRANDED NUCLEIC ACID-BINDING PROTEIN.//0.42:89:29//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P10080
 F-NT2RP2004399//SOMATOTROPIN PRECURSOR (GROWTH HORMONE).//1.0:72:34//MESOCRICETUS AU-
 30 RATUS (GOLDEN HAMSTER).//P37886
 F-NT2RP2004400
 F-NT2RP2004412//SPERM PROTAMINE P1.//0.24:38:31//NOTORYCTES TYPHLOPS (MARSUPIAL MOLE).//
 P42143
 F-NT2RP2004425//SUPPRESSOR PROTEIN SRP40.//0.0087:197:22//SACCHAROMYCES CEREVISIAE (BAK-
 35 ER'S YEAST).//P32583
 F-NT2RP2004463//ALPHA-2A ADRENERGIC RECEPTOR (ALPHA-2A ADRENOCEPTOR) (ALPHA-2AAR).//
 1.3e-05:121:37//MUS MUSCULUS (MOUSE).//Q01338
 F-NT2RP2004476//NICKEL-SENSITIVE T-TYPE CALCIUM CHANNEL ALPHA-1 SUBUNIT (RBE-II).//0.20:68:
 36//RATTUS NORVEGICUS (RAT).//Q07652
 40 F-NT2RP2004490//FOS-RELATED ANTIGEN 1.//0.94:59:33//HOMO SAPIENS (HUMAN).//P15407
 F-NT2RP2004512//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4 (EC 1.6.5.3) (FRAGMENTS).//1.0:37:
 32//PISASTER OCHRACEUS (SEA STAR).//P24998
 F-NT2RP2004523//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.1e-15:57:71//HOMO SAPIENS (HUMAN).//
 P39194
 45 F-NT2RP2004538//KINESIN-LIKE PROTEIN KIF1A (AXONAL TRANSPORTER OF SYNAPTIC VESICLES).//
 1.2e-48:121:60//HOMO SAPIENS (HUMAN).//Q12756
 F-NT2RP2004551//HYPOTHETICAL 7.6 KD PROTEIN (ORF 65).//1.0:20:50//EUGLENA GRACILIS.//P32095
 F-NT2RP2004568//PUTATIVE ATP-DEPENDENT RNA HELICASE C30D11.03.//5.2e-07:150:30//SCHIZOSAC-
 CHAROMYCES POMBE (FISSION YEAST).//Q09903
 50 F-NT2RP2004580//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.7e-37:100:78//HOMO SAPIENS (HU-
 MAN).//P39192
 F-NT2RP2004587//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//8.2e-06:
 150:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53214
 F-NT2RP2004594//HYPOTHETICAL 45.3 KD PROTEIN C09F5.7 IN CHROMOSOME II.//0.84:105:24//
 55 CAENORHABDITIS ELEGANS.//Q09458
 F-NT2RP2004600//MYRISTOYLATED ALANINE-RICH C-KINASE SUBSTRATE (MARCKS).//0.17:127:29//RAT-
 TUS NORVEGICUS (RAT).//P30009
 F-NT2RP2004602//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-05:50:58//HOMO SAPIENS (HUMAN).//

P39188
 F-NT2RP2004614//HYPOTHETICAL 11.6 KD PROTEIN.//1.0:68:33//VACCINIA VIRUS (STRAIN COPENHA-
 GEN).//P20561
 F-NT2RP2004655//GLYCINE-RICH RNA-BINDING PROTEIN 7.//7.0e-05:70:42//ARABIDOPSIS THALIANA
 5 (MOUSE-EAR CRESS).//Q03250
 F-NT2RP2004664//HYPOTHETICAL 104.0 KD PROTEIN C32A11.03C IN CHROMOSOME 1.//0.30:78:38//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10328
 F-NT2RP2004675
 F-NT2RP2004681
 10 F-NT2RP2004689//HYPOTHETICAL 78.3 KD PROTEIN IN RAM2-ATP7 INTERGENIC REGION.//0.021:179:24//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P34243
 F-NT2RP2004709//HYPOTHETICAL PROTEIN MJ0647.//0.90:39:43//METHANOCOCCUS JANNASCHII.//
 Q58063
 F-NT2RP2004710//GAR2 PROTEIN.//0.085:60:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//
 15 P41891
 F-NT2RP2004736//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.4e-15:97:49//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RP2004743//MALE SPECIFIC SPERM PROTEIN MST87F.//0.43:24:41//DROSOPHILA MELANOGASTER
 (FRUIT FLY).//P08175
 20 F-NT2RP2004767//36.4 KD PROLINE-RICH PROTEIN.//0.0051:88:27//LYCOPERSICON ESCULENTUM (TO-
 MATO).//Q00451
 F-NT2RP2004768//SERINE/THREONINE-PROTEIN KINASE NRK1 (EC 2.7.1.-) (N-RICH KINASE 1).//9.0e-29:
 166:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38692
 F-NT2RP2004775
 25 F-NT2RP2004791//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE)
 (LEURS).//7.4e-60:226:53//CAENORHABDITIS ELEGANS.//Q09996
 F-NT2RP2004799//SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC 6.2.1.4) (SUC-
 CINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA).//2.2e-42:133:57//NEOCALLIMASTIX FRONTALIS (RU-
 MEN FUNGUS).//P53587
 30 F-NT2RP2004802//HYPOTHETICAL 17.1 KD PROTEIN IN PUR5 3'REGION.//0.018:86:32//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P38898
 F-NT2RP2004816//H<BETA>58 PROTEIN.//1.0e-68:145:93//MUS MUSCULUS (MOUSE).//P40336
 F-NT2RP2004841//DSRD PROTEIN.//0.83:33:39//ARCHAEOGLOBUS FULGIDUS.//P70742
 F-NT2RP2004861//KERATIN, HIGH-SULFUR MATRIX PROTEIN, IIIA3A.//0.0072:41:39//OVIS ARIES
 35 (SHEEP).//P02443
 F-NT2RP2004897//METALLOTHIONEIN-LIKE PROTEIN 1.//0.99:41:41//CASUARINA GLAUCA (SWAMP
 OAK).//Q39511
 F-NT2RP2004933//DEATH-ASSOCIATED PROTEIN KINASE 1 (EC 2.7.1.-) (DAP KINASE 1).//8.4e-34:102:67//
 HOMO SAPIENS (HUMAN).//P53355
 40 F-NT2RP2004936//HIGH POTENTIAL IRON-SULFUR PROTEIN, ISOZYME 2 (HIPIP 2).//0.87:36:33//EC-
 TOTHIORHODOSPIRA VACUOLATA.//P38524
 F-NT2RP2004959//STEM CELL FACTOR PRECURSOR (SCF) (MAST CELL GROWTH FACTOR) (MGF) (C-KIT
 LIGAND).//1.0:69:28//CANIS FAMILIARIS (DOG).//Q06220
 F-NT2RP2004961//ZINC FINGER PROTEIN 33A (ZINC FINGER PROTEIN KOX31) (KIAA0065) (HA0946)
 45 (FRAGMENT).//2.1e-21:73:58//HOMO SAPIENS (HUMAN).//Q06730
 F-NT2RP2004962//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/0.17:28:57//HOMO SAPIENS (HUMAN).//
 P39189
 F-NT2RP2004967//HYPOTHETICAL 7.3 KD PROTEIN.//0.76:41:31//THERMOPROTEUS TENAX VIRUS 1
 (STRAIN KRA1) (TTV1).//P19301
 50 F-NT2RP2004978//SPERMATID-SPECIFIC PROTEIN T2 [CONTAINS: SPERM PROTAMINE SP2].//0.44:40:45//
 SEPIA OFFICINALIS (COMMON CUTTLEFISH).//P80002
 F-NT2RP2004982
 F-NT2RP2004985//HYPOTHETICAL PROTEIN KIAA0144.//1.2e-51:204:57//HOMO SAPIENS (HUMAN).//
 Q14157
 55 F-NT2RP2004999//LONG NEUROTOXIN 1 (ALPHA-BUNGAROTOXIN) (BGTX).//0.23:73:26//BUNGARUS MUL-
 TICINCTUS (MANY-BANDED KRAIT).//P01378
 F-NT2RP2005000//ATPASE STABILIZING FACTOR 15 KD PROTEIN.//0.12:37:32//SACCHAROMYCES CERE-
 VISIAE (BAKER'S YEAST).//P16965

F-NT2RP2005001//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930)//0.90:54:31//HOMO SAPIENS (HUMAN)//P22531
 F-NT2RP2005003//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR//1.6e-30:78:56//MUS MUSCULUS (MOUSE)//P15533
 5 F-NT2RP2005012//NPL1 PROTEIN (SEC63 PROTEIN)//0.00024:94:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P14906
 F-NT2RP2005018//GAG POLYPROTEIN (CORE POLYPROTEIN) [CONTAINS: CORE PROTEINS P19, P10] (FRAGMENT)//1.0:91:28//AVIAN ENDOGENOUS ROUS-ASSOCIATED VIRUS-0 (EV-2) (AVIAN RETROVIRUS RAV-0)//P06937
 10 F-NT2RP2005020
 F-NT2RP2005022//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//4.9e-11:106:35//PODOSPORA ANSERINA//Q00808
 F-NT2RP2005031
 F-NT2RP2005037//ANTI-SILENCING PROTEIN 1//2.2e-32:117:55//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P32447
 15 F-NT2RP2005038//DNA NUCLEOTIDYLTRANSFERASE (EC 2.7.7.31) (TERMINAL ADDITION ENZYME) (TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE) (TERMINAL TRANSFERASE)//9.3e-28:187:40//AMBYSTOMA MEXICANUM (AXOLOTL)//O57486
 F-NT2RP2005108//CUTICLE COLLAGEN 2//0.33:62:38//CAENORHABDITIS ELEGANS//P17656
 20 F-NT2RP2005116//PUTATIVE EUKARYOTIC TRANSLATION INITIATION FACTOR 3 ALPHA SUBUNIT (EIF-3 ALPHA)//4.0e-54:161:63//CAENORHABDITIS ELEGANS//P34466
 F-NT2RP2005126//CHLOROPLAST 50S RIBOSOMAL PROTEIN L27 (FRAGMENT)//0.23:46:39//PLEUROCHRYYSIS HAPTONEOMOPERA//P41552
 F-NT2RP2005139//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS)//0.016:43:37//BOS TAURUS (BOVINE)//P25508
 25 F-NT2RP2005140//HYPOTHETICAL 7.4 KD PROTEIN YCF33//0.96:51:39//GUILLARDIA THETA (CRYPTOMONAS PHI)//O78517
 F-NT2RP2005144//TUBBY PROTEIN//5.6e-08:66:45//MUS MUSCULUS (MOUSE)//P50586
 F-NT2RP2005147
 30 F-NT2RP2005159//PHOTOSYSTEM II 4 KD REACTION CENTRE PROTEIN PRECURSOR//0.94:57:29//NICOTIANA TABACUM (COMMON TOBACCO), AND SPINACIA OLERACEA (SPINACH)//P12164
 F-NT2RP2005162//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION//1.2e-33:139:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38821
 F-NT2RP2005168//HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN U (HNRNP U)//2.8e-33:102:61//HOMO SAPIENS (HUMAN)//Q00839
 35 F-NT2RP2005204//DNA DAMAGE TOLERANCE PROTEIN RHC31 (RAD31 HOMOLOG)//3.9e-28:141:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q06624
 F-NT2RP2005227
 F-NT2RP2005239//TRNA SPLICING PROTEIN SPL1//2.0e-38:117:64//CANDIDA ALBICANS (YEAST)//P87185
 40 F-NT2RP2005254//OMEGA-AGATOXIN IB (OMEGA-AGA-IB) (FRAGMENT)//0.26:29:48//AGELENOPSIS APERTA (FUNNEL-WEB SPIDER)//P15970
 F-NT2RP2005270//HOMEBOX PROTEIN HOX-A4 (CHOX-1.4)//0.037:82:34//GALLUS GALLUS (CHICKEN)//P17277
 F-NT2RP2005276//LONG-CHAIN-FATTY-ACID-COA LIGASE 4 (EC 6.2.1.3) (LONG-CHAIN ACYL-COA SYNTHETASE 4) (LACS 4)//2.0e-59:174:61//RATTUS NORVEGICUS (RAT)//O35547
 45 F-NT2RP2005287//ZINC FINGER PROTEIN 26 (ZINC FINGER PROTEIN KOX20) (FRAGMENT)//1.5e-05:27:70//HOMO SAPIENS (HUMAN)//P17031
 F-NT2RP2005288//PROBABLE RUBREDOXIN HUPI//1.0:42:28//RHIZOBIUM LEGUMINOSARUM (BIOVAR VICIAE)//P28151
 50 F-NT2RP2005289//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.1e-21:75:70//HOMO SAPIENS (HUMAN)//P39193
 F-NT2RP2005293//TRANSLATION INITIATION FACTOR IF-2//0.58:170:24//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI)//P55972
 F-NT2RP2005315//CUTICLE COLLAGEN 7 (FRAGMENT)//0.091:65:38//CAENORHABDITIS ELEGANS//P18832
 55 F-NT2RP2005325//CHROMOGRANIN A PRECURSOR (CGA) (PITUITARY SECRETORY PROTEIN I) (SP-I) [CONTAINS: PANCREASTATIN; WE-14]//9.5e-09:98:39//HOMO SAPIENS (HUMAN)//P10645
 F-NT2RP2005336//HYPOTHETICAL 68.7 KD PROTEIN IN STB1-MCK1 INTERGENIC REGION//0.00011:124:

28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P42846
 F-NT2RP2005344//PROBABLE CALCIUM-TRANSPORTING ATPASE 4 (EC 3.6.1.38).//4.7e-21:92:52//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q12675
 F-NT2RP2005354
 5 F-NT2RP2005358//MYOSIN IC HEAVY CHAIN.//0.012:91:39//ACANTHAMOEBA CASTELLANII (AMOEBA).//
 P10569
 F-NT2RP2005360//ACROSIN PRECURSOR (EC 3.4.21.10).//0.0022:73:36//ORYCTOLAGUS CUNICULUS
 (RABBIT).//P48038
 10 F-NT2RP2005393//HYPOTHETICAL 25.9 KD PROTEIN AH6.3 IN CHROMOSOME II.//0.00085:135:28//
 CAENORHABDITIS ELEGANS.//Q09202
 F-NT2RP2005407//SQUALENE MONOOXYGENASE (EC 1.14.99.7) (SQUALENE EPOXIDASE) (SE).//0.96:
 109:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32476
 F-NT2RP2005436//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//0.0011:54:42//ZEA MAYS
 (MAIZE).//P14918
 15 F-NT2RP2005441//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//0.039:182:29//MUS MUSCULUS
 (MOUSE).//P05142
 F-NT2RP2005453
 F-NT2RP2005457//NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B (EC 1.6.5.3) (EC 1.6.99.3)
 (COMPLEX I-B14.5B) (CI-B14.5B).//4.0e-10:124:37//BOS TAURUS (BOVINE).//Q02827
 20 F-NT2RP2005464//HYPOTHETICAL 9.5 KD PROTEIN.//0.96:42:33//VACCINIA VIRUS (STRAIN COPENHA-
 GEN).//P20553
 F-NT2RP2005465//MITOCHONDRIAL CARRIER PROTEIN RIM2.//4.6e-09:92:42//SACCHAROMYCES CERE-
 VISIAE (BAKER'S YEAST).//P38127
 F-NT2RP2005472//HYPOTHETICAL PROTEIN BB0129.//0.76:80:32//BORRELIA BURGDORFERI (LYME DIS-
 25 EASE SPIROCHETE).//O51155
 F-NT2RP2005476//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//1.0e-31:39:89//HOMO SAPIENS (HUMAN).//
 P39193
 F-NT2RP2005490//METALLOTHIONEIN-II (MT-II).//0.14:27:33//SCYLLA SERRATA (MUD CRAB).//P02806
 F-NT2RP2005491//DNA-DIRECTED RNA POLYMERASE SUBUNIT I (EC 2.7.7.6).//0.95:45:31//METHANO-
 30 COCCUS JANNASCHII.//Q58785
 F-NT2RP2005495//HYPOTHETICAL 10.8 KD PROTEIN IN GP30-RIII INTERGENIC REGION.//0.99:68:30//BAC-
 TERIOPHAGE T4.//Q02407
 F-NT2RP2005496//ZINC FINGER PROTEIN 135.//1.4e-54:120:59//HOMO SAPIENS (HUMAN).//P52742
 F-NT2RP2005498//PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, ALPHA ISOFORM (PRO-
 35 TEIN PHOSPHATASE PP2A B SUBUNIT ALPHA ISOFORM) (ALPHA-PR55).//9.5e-76:146:86//RATTUS NOR-
 VEGICUS (RAT).//P36876
 F-NT2RP2005501//GALECTIN-3 (GALACTOSE-SPECIFIC LECTIN 3) (MAC-2 ANTIGEN) (IGE-BINDING PRO-
 TEIN) (35 KD LECTIN) (CARBOHYDRATE BINDING PROTEIN 35) (CBP 35) (LAMININ-BINDING PROTEIN)
 (LECTIN L-29) (L-31) (GALACTOSIDE-BINDING PROTEIN) (GALBP).//0.025:70:40//HOMO SAPIENS (HU-
 40 MAN).//P17931
 F-NT2RP2005509//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR.//1.0:166:27//GALLUS GALLUS (CHICK-
 EN).//P02457
 F-NT2RP2005520//CHROMOSOME ASSEMBLY PROTEIN XCAP-E.//7.9e-45:118:79//XENOPUS LAEVIS (AF-
 RICAN CLAWED FROG).//P50533
 45 F-NT2RP2005525//50S RIBOSOMAL PROTEIN L11.//1.0:47:27//BORRELIA BURGDORFERI (LYME DISEASE
 SPIROCHETE).//O51354
 F-NT2RP2005531//PROTEIN-TYROSINE PHOSPHATASE MEG1 (EC 3.1.3.48) (PTPASE-MEG1) (MEG).//9.8e-
 13:84:45//HOMO SAPIENS (HUMAN).//P29074
 F-NT2RP2005539//RING CANAL PROTEIN (KELCH PROTEIN).//4.9e-10:90:33//DROSOPHILA MELA-
 50 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RP2005540//NUCLEOTIDE BINDING PROTEIN EXPZ.//0.36:119:21//BACILLUS SUBTILIS.//P39115
 F-NT2RP2005549//HYPOTHETICAL 32.0 KD PROTEIN C16C10.10 IN CHROMOSOME III.//6.0e-39:179:46//
 CAENORHABDITIS ELEGANS.//Q09253
 F-NT2RP2005555
 55 F-NT2RP2005557//HYPOTHETICAL 23.7 KD PROTEIN C13G6.14 IN CHROMOSOME I.//4.9e-06:90:35//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09790
 F-NT2RP2005581
 F-NT2RP2005600//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//0.014:37:40//HOMO SAPIENS (HUMAN).//

P02811
 F-NT2RP2005605//GONADOLIBERIN I PRECURSOR (LHRH I) (LUTEINIZING HORMONE RELEASING HORMONE I) (GONADOTROPIN RELEASING HORMONE I) (GNRH I) (LULIBERIN I) (FRAGMENT).//0.64:26:42//MACACA MULATTA (RHESUS MACAQUE).//P55247

5 F-NT2RP2005620//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION.//8.7e-31:138:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47160
 F-NT2RP2005622//NEUROTOXIN-LIKE PROTEIN STR1 (ANATOXIN AAH STR1).//0.39:22:40//ANDROCTONUS AUSTRALIS HECTOR (SAHARA SCORPION).//P80950

10 F-NT2RP2005635//HYPOTHETICAL 80.7 KD PROTEIN IN ERG7-NMD2 INTERGENIC REGION.//5.8e-43:144:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38795
 F-NT2RP2005637//VPU PROTEIN (U ORF PROTEIN).//0.91:33:45//CHIMPANZEE IMMUNODEFICIENCY VIRUS (SIV(CPZ)) (CIV).//P17286
 F-NT2RP2005640//METALLOTHIONEIN-LIKE PROTEIN LSC54.//0.63:41:31//BRASSICA NAPUS (RAPE).//P43402

15 F-NT2RP2005645
 F-NT2RP2005651//OCTAMER-BINDING TRANSCRIPTION FACTOR 3A (OCT-3A) (OCT-4).//0.0023:50:42//HOMO SAPIENS (HUMAN).//Q01860
 F-NT2RP2005654//HYPOTHETICAL 48.6 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION.//6.1e-16:76:44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40564

20 F-NT2RP2005669//METALLOTHIONEIN-II (MT-II).//0.76:16:50//SCYLLA SERRATA (MUD CRAB).//P02806
 F-NT2RP2005675//PUTATIVE ORAL CANCER SUPPRESSOR (DELETED IN ORAL CANCER-1).//6.5e-26:116:54//MESOCRICETUS AURATUS (GOLDEN HAMSTER).//P49119
 F-NT2RP2005683//HYPOTHETICAL PROTEIN HI0275.//0.17:50:40//HAEMOPHILUS INFLUENZAE.//P43975
 F-NT2RP2005690//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE).//1.3e-16:75:30//PISUM SATIVUM (GARDEN PEA).//Q04708

25 F-NT2RP2005694//HYPOTHETICAL PROTEIN KIAA0032.//9.6e-11:135:34//HOMO SAPIENS (HUMAN).//Q15034
 F-NT2RP2005701//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAGMENT).//0.084:158:32//HOMO SAPIENS (HUMAN).//P10161

30 F-NT2RP2005712//METALLOTHIONEIN-II (MT-II).//0.19:14:50//STENELLA COERULEOALBA (STRIPED DOLPHIN).//P14425
 F-NT2RP2005719//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENT).//1.0:36:41//ORYCTOLAGUS CUNICULUS (RABBIT).//P02456
 F-NT2RP2005722//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//7.8e-37:131:62//HOMO SAPIENS (HUMAN).//P16415

35 F-NT2RP2005723//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//0.98:23:60//HOMO SAPIENS (HUMAN).//P39192
 F-NT2RP2005726//HYPOTHETICAL PROTEIN TP0375.//0.98:30:43//TREPONEMA PALLIDUM.//O83390
 F-NT2RP2005732//PERIOD CLOCK PROTEIN (FRAGMENT).//0.41:20:55//DROSOPHILA ROBUSTA (FRUIT FLY).//Q03296

40 F-NT2RP2005741//SMR1 PROTEIN PRECURSOR (VCS-ALPHA 1).//0.38:58:36//RATTUS NORVEGICUS (RAT).//P13432
 F-NT2RP2005748//ZINC FINGER PROTEIN KOX23 (FRAGMENT).//0.026:19:68//HOMO SAPIENS (HUMAN).//P17034

45 F-NT2RP2005752//PROCOLLAGEN ALPHA 1(III) CHAIN PRECURSOR.//0.90:101:31//HOMO SAPIENS (HUMAN).//P02461
 F-NT2RP2005753//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.50:22:59//HOMO SAPIENS (HUMAN).//P30808
 F-NT2RP2005763//PUTATIVE ATP-DEPENDENT RNA HELICASE STE13.//4.7e-14:108:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09181
 F-NT2RP2005767//NONHISTONE CHROMOSOMAL PROTEIN 6B.//4.1e-08:65:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P11633

50 F-NT2RP2005773//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE).//1.2e-14:65:61//HOMO SAPIENS (HUMAN).//P32322

55 F-NT2RP2005775//NEUROLYSIN PRECURSOR (EC 3.4.24.16) (NEUROTENSIN ENDOPEPTIDASE) (MITOCHONDRIAL OLIGOPEPTIDASE M) (MICROSOMAL ENDOPEPTIDASE) (MEP).//1.3e-103:199:90//ORYCTOLAGUS CUNICULUS (RABBIT).//P42675
 F-NT2RP2005781//SALIVARY ACIDIC PROLINE-RICH PHOSPHOPROTEIN 1/2 PRECURSOR (PRP-1 / PRP-

3) (PRP-2 / PRP-4) (PIF-F / PIF-S) (PROTEIN A / PROTEIN C) [CONTAINS: PEPTIDE P-C]//0.090:73:36//HOMO SAPIENS (HUMAN)//P02810
 F-NT2RP2005784//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (IMMEDIATE-EARLY PROTEIN IE110) (VMW110) (ALPHA-0 PROTEIN)//3.5e-06:79:37//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN 17)//P08393
 5 F-NT2RP2005804//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT)//1.8e-07:43:55//OWENIA FUSIFORMIS//P21260
 F-NT2RP2005812//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION//6.3e-14:143:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P40004
 10 F-NT2RP2005815//FERROCHELATASE (EC 4.99.1.1) (PROTOHEME FERRO-LYASE) (HEME SYNTHETASE)//0.0017:123:37//MYCOBACTERIUM AVIUM//O07401
 F-NT2RP2005835//SHP1 PROTEIN//1.2e-08:135:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P34223
 F-NT2RP2005841//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N)//0.23:28:53//HOMO SAPIENS (HUMAN)//P22532
 15 F-NT2RP2005853//HYPOTHETICAL 8.5 KD PROTEIN IN ASIA-MOTA INTERGENIC REGION//0.99:33:48//BACTERIOPHAGE T4//P22917
 F-NT2RP2005857//CHROMOSOME ASSEMBLY PROTEIN XCAP-C//8.6e-84:235:66//XENOPUS LAEVIS (AFRICAN CLAWED FROG)//P50532
 20 F-NT2RP2005859//MALE SPECIFIC SPERM PROTEIN MST84DB//0.017:60:40//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01643
 F-NT2RP2005868//ATP SYNTHASE B' CHAIN PRECURSOR (EC 3.6.1.34) (SUBUNIT II)//0.28:121:28//SPINACIA OLERACEA (SPINACH)//P31853
 F-NT2RP2005886//MICRONUCLEAR LINKER HISTONE POLYPROTEIN (MIC LH) [CONTAINS: LINKER HISTONE PROTEINS ALPHA, BETA, DELTA AND GAMMA]//0.80:130:28//TETRAHYMENA THERMOPHILA//P40631
 25 F-NT2RP2005890
 F-NT2RP2005901//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//0.35:18:44//DROSOPHILA YAKUBA (FRUIT FLY)//P03933
 30 F-NT2RP2005908//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.0e-28:61:65//HOMO SAPIENS (HUMAN)//P39194
 F-NT2RP2005933//PERIOD CLOCK PROTEIN (P230) (FRAGMENT)//1.7e-11:85:49//ACETABULARIA MEDITERRANEA (MERMAID'S WINE GLASS)//P12347
 F-NT2RP2005942//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANSFERASE)//7.2e-59:216:58//BOS TAURUS (BOVINE)//P25500
 35 F-NT2RP2005980//HYPOTHETICAL 11.5 KD PROTEIN IN RSP8A-AST1 INTERGENIC REGION//1.0:49:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38185
 F-NT2RP2006023//DNA REPAIR PROTEIN REC N (RECOMBINATION PROTEIN N) (FRAGMENT)//1.0:40:45//VIBRIO CHOLERAЕ//P52118
 40 F-NT2RP2006038//HYPOTHETICAL 30.2 KD PROTEIN C02F5.4 IN CHROMOSOME III//4.0e-11:90:34//CAENORHABDITIS ELEGANS//P34281
 F-NT2RP2006043//LAMININ BETA-1 CHAIN VARIANT (LAMININ BETA-1-2 CHAIN) (FRAGMENT)//0.00067:73:38//GALLUS GALLUS (CHICKEN)//Q01636
 F-NT2RP2006052//METALLOTHIONEIN-I (MT-I)//0.19:31:38//CERCOPITHECUS AETHIOPS (GREEN MONKEY) (GRIVET)//P02797
 45 F-NT2RP2006069//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENTS)//1.0:66:34//RATTUS NORVEGICUS (RAT)//P02466
 F-NT2RP2006071//RESTIN//0.40:156:29//GALLUS GALLUS (CHICKEN)//O42184
 F-NT2RP2006098//HYPOTHETICAL 21.7 KD PROTEIN IN TUP1-ABP1 INTERGENIC REGION//0.99:95:20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P25651
 50 F-NT2RP2006100//LONG NEUROTOXIN 4 (ALPHA-NEUROTOXIN)//0.94:43:34//OPHIOPHAGUS HANNAH (KING COBRA) (NAJA HANNAH)//P80156
 F-NT2RP2006103//50S RIBOSOMAL PROTEIN L32//0.40:36:38//SYNECHOCYSTIS SP. (STRAIN PCC 6803)//P73014
 55 F-NT2RP2006106//CUTICLE COLLAGEN 1//0.28:85:29//CAENORHABDITIS ELEGANS//P08124
 F-NT2RP2006141//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I//1.9e-08:57:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09701
 F-NT2RP2006166

F-NT2RP2006184//HYPOTHETICAL 11.2 KD PROTEIN IN CSGC-MDOG INTERGENIC REGION PRECURSOR.//0.95:87:26//ESCHERICHIA COLI.//P75917
 F-NT2RP2006186//MICROTUBULE-ASSOCIATED PROTEIN 2.//0.088:124:33//MUS MUSCULUS (MOUSE).//P20357
 5 F-NT2RP2006196/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.0e-05:49:61//HOMO SAPIENS (HUMAN).//P39193
 F-NT2RP2006200//PROCOLLAGEN ALPHA 2(V) CHAIN PRECURSOR.//0.0013:205:32//HOMO SAPIENS (HUMAN).//P05997
 F-NT2RP2006219//GONADAL PROTEIN GDL.//3.5e-18:158:37//DROSOPHILA MELANOGASTER (FRUIT FLY).//P22468
 10 F-NT2RP2006237//FIBRINOGEN- AND IG-BINDING PROTEIN PRECURSOR (MRP PROTEIN).//0.79:103:28//STREPTOCOCCUS PYOGENES.//P30141
 F-NT2RP2006238//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//4.7e-07:127:39//MUS MUSCULUS (MOUSE).//P05143
 15 F-NT2RP2006258//PROBABLE E5 PROTEIN.//0.78:47:34//RHESUS PAPILLOMAVIRUS TYPE 1 (RHPV 1).//P24834
 F-NT2RP2006261//PENAEIDIN-3A PRECURSOR (P3-A).//0.61:35:40//PENAEUS VANNAMEI (PENOEID SHRIMP) (EUROPEAN WHITE SHRIMP).//P81058
 F-NT2RP2006275//ELECTROMOTOR NEURON-ASSOCIATED PROTEIN 2 (FRAGMENT).//1.2e-28:59:57//TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY).//P14401
 20 F-NT2RP2006312//HIGH-MOBILITY-GROUP PROTEIN (NONHISTONE CHROMOSOMAL PROTEIN).//1.6e-06:53:35//TETRAHYMENA PYRIFORMIS.//P40625
 F-NT2RP2006320//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT).//0.90:24:41//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1).//P04612
 25 F-NT2RP2006321/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/0.0051:25:76//HOMO SAPIENS (HUMAN).//P39193
 F-NT2RP2006323//WISKOTT-ALDRICH SYNDROME PROTEIN (WASP).//0.84:33:39//HOMO SAPIENS (HUMAN).//P42768
 F-NT2RP2006333//MYOTOXIN 3 PRECURSOR (CROTAMINE 3).//0.56:37:40//CROTALUS DURISSUS TERRIFICUS (SOUTH AMERICAN RATTLESNAKE).//P24333
 30 F-NT2RP2006334//SUCCINYL-COA LIGASE [GDP-FORMING], ALPHA-CHAIN 3 PRECURSOR (EC 6.2.1.4) (SUCCINYL-COA SYNTHETASE, ALPHA CHAIN 3).//0.00097:46:41//TRICHOMONAS VAGINALIS.//P53401
 F-NT2RP2006365//NONSPECIFIC LIPID-TRANSFER PROTEIN 4.3 PRECURSOR (LTP 4.3).//0.18:75:29//HORDEUM VULGARE (BARLEY).//Q42842
 35 F-NT2RP2006393//OMEGA-CONOTOXIN MVIIC PRECURSOR (FRAGMENT).//0.82:15:66//CONUS MAGUS (MAGUS CONE).//P37300
 F-NT2RP2006436//ANTERIOR-RESTRICTED HOMEOBOX PROTEIN (RATHKE POUCH HOMEO BOX).//1.4e-08:50:50//MUS MUSCULUS (MOUSE).//Q61658
 F-NT2RP2006441//METALLOTHIONEIN-LIKE PROTEIN 1.//0.99:22:54//MIMULUS GUTTATUS (SPOTTED MONKEY FLOWER) (YELLOW MONKEY FLOWER).//P20238
 40 F-NT2RP2006454//SPERM PROTAMINE P1.//0.60:47:36//TACHYGLOSSUS ACULEATUS ACULEATUS (AUSTRALIAN ECHIDNA).//P35311
 F-NT2RP2006456
 F-NT2RP2006464//PHOTOSYSTEM I IRON-SULFUR CENTER (PHOTOSYSTEM I SUBUNIT VII) (9 KD POLYPEPTIDE) (PSI-C).//0.91:79:30//SYNECHOCOCCUS SP. (STRAIN PCC 7002) (AGMENELLUM QUADRICATUM).//P31087
 45 F-NT2RP2006467//PUTATIVE CUTICLE COLLAGEN F55C10.3.//0.15:53:35//CAENORHABDITIS ELEGANS.//Q21184
 F-NT2RP2006472//HYPOTHETICAL 19 KD PROTEIN (ORF 167).//0.33:98:26//MARCHANTIA POLYMORPHA (LIVERWORT).//P12202
 50 F-NT2RP2006534
 F-NT2RP2006554//ANTI-SIGMA F FACTOR ANTAGONIST (STAGE II SPORULATION PROTEIN AA).//0.91:50:34//BACILLUS SPHAERICUS.//O32723
 F-NT2RP2006565//SECRETORY CARRIER-ASSOCIATED MEMBRANE PROTEIN 1 (SCAMP 37).//6.0e-66:93:96//RATTUS NORVEGICUS (RAT).//P56603
 55 F-NT2RP2006571//CYTOCHROME P450 2B10 (EC 1.14.14.1) (CYP1B10) (TESTOSTERONE 16-ALPHA HYDROXYLASE) (P450-16-ALPHA) (CLONE PF3/46).//4.5e-40:138:57//MUS MUSCULUS (MOUSE).//P12791
 F-NT2RP2006573//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE).//0.53:46:39//BOS TAURUS (BO-

VINE).//P02318
 F-NT2RP2006598//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.3e-12:44:77//HOMO SAPIENS (HUMAN).//
 P39195
 F-NT2RP3000002//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.4e-19:60:63//HOMO SAPIENS (HUMAN).//
 5 P39192
 F-NT2RP3000031//HYPOTHETICAL 89.8 KD PROTEIN F41H10.6 IN CHROMOSOME IV.//2.1e-39:210:42//
 CAENORHABDITIS ELEGANS.//Q20296
 F-NT2RP3000046//POSSIBLE THIOPHENE AND FURAN OXIDATION PROTEIN THDF.//1.4e-25:149:44//
 PSEUDOMONAS PUTIDA.//P25755
 10 F-NT2RP3000047//NPL4 PROTEIN.//4.7e-48:275:38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P33755
 F-NT2RP3000050//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//3.2e-72:232:59//HOMO SA-
 PIENS (HUMAN).//P51522
 F-NT2RP3000055//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.26:57:36//DROSOPHILA MELA-
 15 NOGASTER (FRUIT FLY).//Q01643
 F-NT2RP3000068//HYPOTHETICAL 182.0 KD PROTEIN IN NMD5-HOM6 INTERGENIC REGION.//0.0014:66:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47170
 F-NT2RP3000072//HYPOTHETICAL 6.7 KD PROTEIN IN NOHA-CSPI INTERGENIC REGION.//0.95:49:30//ES-
 CHERICHIA COLI.//P77695
 20 F-NT2RP3000080//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.1e-17:64:68//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RP3000085//BIOTIN CARBOXYLASE (EC 6.3.4.14) (A SUBUNIT OF ACETYL-COA CARBOXYLASE (EC
 6.4.1.2)) (ACC).//4.4e-43:169:51//BACILLUS SUBTILIS.//P49787
 F-NT2RP3000092//CELL DIVISION CONTROL PROTEIN 1.//0.00016:103:31//SACCHAROMYCES CEREVI-
 25 SIAE (BAKER'S YEAST).//P40986
 F-NT2RP3000109//ACYL CARRIER PROTEIN HOMOLOG (ACP).//0.76:83:28//MYCOPLASMA GENITALIUM.//
 P47529
 F-NT2RP3000134
 F-NT2RP3000142//GAR2 PROTEIN.//0.00098:241:20//SCHIZOSACCHAROMYCES POMBE (FISSION
 30 YEAST).//P41891
 F-NT2RP3000149//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.0014:33:36//PONGO PYGMAEUS ABE-
 LII (SUMATRAN ORANGUTAN).//P92694
 F-NT2RP3000186//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/8.3e-15:36:83//HOMO SAPIENS (HUMAN).//
 P39188
 35 F-NT2RP3000197//HYPOTHETICAL 6.0 KD PROTEIN IN THI2 5'REGION.//0.91:21:52//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P53820
 F-NT2RP3000207//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//0.026:209:27//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P08640
 40 F-NT2RP3000220//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//1.0:26:42//HOMO
 SAPIENS (HUMAN).//P30808
 F-NT2RP3000233//RING CANAL PROTEIN (KELCH PROTEIN).//2.1e-42:249:39//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RP3000235//HOMEBOX PROTEIN H40 (FRAGMENT).//0.55:45:40//APIS MELLIFERA (HONEYBEE).//
 45 P15858
 F-NT2RP3000247//HYPOTHETICAL PROTEIN KIAA0218.//1.7e-82:123:69//HOMO SAPIENS (HUMAN).//
 Q93075
 F-NT2RP3000251//SERINE PROTEINASE STUBBLE (EC 3.4.21.-) (STUBBLE-STUBBLOID PROTEIN).//1.0:53:
 33//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q05319
 50 F-NT2RP3000252//HYPOTHETICAL 40 KD GTP-BINDING PROTEIN IN RIBOSOMAL PROTEIN GENE CLUS-
 TER 5'REGION.//2.2e-06:96:32//HALOBACTERIUM CUTIRUBRUM.//P17103
 F-NT2RP3000255//HISTONE H1.1 (FRAGMENT).//0.95:71:33//BOS TAURUS (BOVINE).//P02253
 F-NT2RP3000267//HYPOTHETICAL 21.1 KD PROTEIN IN SSR-SERA INTERGENIC REGION (O182).//0.38:77:
 33//ESCHERICHIA COLI.//P09160
 55 F-NT2RP3000299//MYOSIN IC HEAVY CHAIN.//1.2e-11:147:34//ACANTHAMOEBA CASTELLANII (AMOEBA).//
 P10569
 F-NT2RP3000312//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//0.64:216:
 29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53214

F-NT2RP3000320//TRANSLATION INITIATION FACTOR IF-2.//5.2e-05:184:22//AQUIFEX AEOLICUS.//O67825
 F-NT2RP3000324//HYPOTHETICAL PROTEIN HI1036.//0.69:64:35//HAEMOPHILUS INFLUENZAE.//P44097
 F-NT2RP3000333//WIR1A PROTEIN.//0.35:51:41//TRITICUM AESTIVUM (WHEAT).//Q01482
 F-NT2RP3000341//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.1e-30:57:80//HOMO SAPIENS (HUMAN).//
 5 P39189
 F-NT2RP3000348
 F-NT2RP3000350//HYPOTHETICAL 40 KD GTP-BINDING PROTEIN IN RIBOSOMAL PROTEIN GENE CLUS-
 TER 5'REGION.//0.0011:77:35//HALOBACTERIUM CUTIRUBRUM.//P17103
 F-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3).//1.2e-97:222:
 10 84//BOS TAURUS (BOVINE).//P08760
 F-NT2RP3000361//PRE-MRNA SPLICING FACTOR PRP6.//2.2e-08:128:28//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P19735
 F-NT2RP3000366//RAS-RELATED PROTEIN RAB-18.//2.1e-107:206:99//MUS MUSCULUS (MOUSE).//P35293
 F-NT2RP3000393//HOMEBOX PROTEIN HOX-C4 (HOX-3E) (CP19).//0.0023:36:52//HOMO SAPIENS (HU-
 15 MAN).//P09017
 F-NT2RP3000397//PUTATIVE PRE-MRNA SPLICING FACTOR RNA HELICASE (DEAH BOX PROTEIN 13).//
 5.5e-27:116:44//MUS MUSCULUS (MOUSE).//O35286
 F-NT2RP3000403//PRE-MRNA PROCESSING PROTEIN PRP40.//0.00044:67:34//SACCHAROMYCES CERE-
 VISIAE (BAKER'S YEAST).//P33203
 20 F-NT2RP3000418//RETROVIRUS-RELATED POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//2.2e-16:228:34//MUS MUSCULUS (MOUSE).//P11369
 F-NT2RP3000433//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.7e-17:79:55//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RP3000439//HYPOTHETICAL 46.4 KD PROTEIN IN FFH-GRPE INTERGENIC REGION.//9.8e-10:201:
 25 26//ESCHERICHIA COLI.//P37908
 F-NT2RP3000441//PROTEIN-EXPORT MEMBRANE PROTEIN SECG HOMOLOG.//0.91:48:35//MYCOBACTE-
 RIUM LEPRAE.//P38388
 F-NT2RP3000449//HOMEBOX PROTEIN HOX-B8 (CHOX-2.4) (FRAGMENT).//1.0:42:33//GALLUS GALLUS
 (CHICKEN).//P23681
 30 F-NT2RP3000451
 F-NT2RP3000456//COLLAGEN ALPHA 1(I) CHAIN
 (FRAGMENTS).//0.00018:178:36//RATTUS NORVEGICUS (RAT).//P02454
 F-NT2RP3000484//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF).//0.098:40:27//BOS
 TAURUS (BOVINE).//P37359
 35 F-NT2RP3000487//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//0.00037:16:81//VOLVOX CART-
 ERI.//P21997
 F-NT2RP3000512
 F-NT2RP3000526//HYPOTHETICAL NIN REGION PROTEIN ORF56.//0.51:37:43//BACTERIOPHAGE LAMB-
 DA.//P03769
 40 F-NT2RP3000527//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.0e-16:234:30//HOMO SA-
 PIENS (HUMAN).//P51522
 F-NT2RP3000531//POLIOVIRUS RECEPTOR PRECURSOR (CD155 ANTIGEN).//3.4e-15:192:30//HOMO SA-
 PIENS (HUMAN).//P15151
 F-NT2RP3000542//CYTOCHROME C OXIDASE POLYPEPTIDE II (EC 1.9.3.1) (FRAGMENT).//0.60:51:39//AS-
 45 TERINA PECTINIFERA (STARFISH).//P11958
 F-NT2RP3000561//HYPOTHETICAL ATP-BINDING PROTEIN MJ0423.//0.79:53:32//METHANOCOCCUS JAN-
 NASCHII.//Q57866
 F-NT2RP3000562//ACCESSORY GLAND PEPTIDE PRECURSOR (PARAGONIAL PEPTIDE B).//0.99:26:34//
 DROSOPHILA MAURITIANA (FRUIT FLY), AND DROSOPHILA SIMULANS (FRUIT FLY).//O18666
 50 F-NT2RP3000578//HYPOTHETICAL 49.8 KD PROTEIN IN RPL14B-GPA1 INTERGENIC REGION.//1.5e-26:127:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38755
 F-NT2RP3000582
 F-NT2RP3000584//METALLOTHIONEIN-II (MT-II).//0.28:27:29//MUS MUSCULUS (MOUSE).//P02798
 F-NT2RP3000590//UVS-2 PROTEIN.//4.8e-10:113:33//NEUROSPORA CRASSA.//P33288
 55 F-NT2RP3000592//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130).//0.00087:178:31//HOMO SAPIENS (HUMAN).//O00268
 F-NT2RP3000596//YEMANUCLEIN-ALPHA.//1.8e-05:98:34//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 P25992

F-NT2RP3000599//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66).//0.00095:90:37//HOMO
 SAPIENS (HUMAN).//Q15428
 F-NT2RP3000603//5E5 ANTIGEN.//1.0e-09:181:34//RATTUS NORVEGICUS (RAT).//Q63003
 F-NT2RP3000605//STEROL REGULATORY ELEMENT BINDING PROTEIN-1 (SREBP-1) (STEROL REGULA-
 5 TORY ELEMENT-BINDING TRANSCRIPTION FACTOR 1).//0.00098:76:34//HOMO SAPIENS (HUMAN).//
 P36956
 F-NT2RP3000622//HYPOTHETICAL PROTEIN MG096 HOMOLOG 5 (P02_ORF427).//0.15:52:36//MYCOPLAS-
 MA PNEUMONIAE.//P75277
 F-NT2RP3000624//HYPOTHETICAL PROTEIN KIAA0256.//5.4e-16:222:31//HOMO SAPIENS (HUMAN).//
 10 Q93073
 F-NT2RP3000628
 F-NT2RP3000632//ZINC FINGER PROTEIN 90 (ZFP-90) (ZINC FINGER PROTEIN NK10).//2.0e-16:52:63//MUS
 MUSCULUS (MOUSE).//Q61967
 F-NT2RP3000644//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//6.7e-40:102:79//HOMO SAPIENS (HU-
 15 MAN).//P39194
 F-NT2RP3000661//HYPOTHETICAL 139.1 KD PROTEIN C08B11.3 IN CHROMOSOME II.//6.0e-08:83:36//
 CAENORHABDITIS ELEGANS.//Q09441
 F-NT2RP3000665//HOMEODOMAIN PROTEIN PROPHET OF PIT-1 (PROP-1) (PITUITARY SPECIFIC HOMEODO-
 MAIN FACTOR).//0.13:48:35//HOMO SAPIENS (HUMAN).//O75360
 20 F-NT2RP3000685//HYPOTHETICAL 33.5 KD PROTEIN IN CAT1 5'REGION (ORFY).//0.26:202:23//CLOSTRID-
 IUM KLUYVERI.//P38943
 F-NT2RP3000690//INORGANIC PYROPHOSPHATASE (EC 3.6.1.1) (PYROPHOSPHATE PHOSPHO- HYDRO-
 LASE) (PPASE).//0.99:131:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P00817
 F-NT2RP3000736//HYPOTHETICAL 28.7 KD PROTEIN IN RNR3-ARC15 INTERGENIC REGION.//3.5e-27:211:
 25 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40516
 F-NT2RP3000739//HYPOTHETICAL 33.5 KD PROTEIN C1D4.02C IN CHROMOSOME I.//6.0e-23:114:42//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10149
 F-NT2RP3000742//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC
 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III).//6.7e-12:85:36//RATTUS NORVEGICUS
 30 (RAT).//P10688
 F-NT2RP3000753//CELL SURFACE GLYCOPROTEIN 1 PRECURSOR (OUTER LAYER PROTEIN B) (S-LAYER
 PROTEIN 1).//0.00011:208:28//CLOSTRIDIUM THERMOCELLUM.//Q06852
 F-NT2RP3000759//ADP-RIBOSYLATION FACTOR 6.//8.1e-28:141:38//GALLUS GALLUS (CHICKEN).//P26990
 F-NT2RP3000815//CYTOCHROME C-551 (C551) (CYTOCHROME C8).//0.24:45:37//PSEUDOMONAS DENI-
 35 TRIFICANS.//P00103
 F-NT2RP3000825//ALPHA-LACTALBUMIN (LACTOSE SYNTHASE B PROTEIN (EC 2.4.1.22)).//0.82:51:39//
 MACROPUS RUFOGRISEUS (RED-NECKED WALLABY).//P07458
 F-NT2RP3000826//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.025:79:37//BOS TAURUS (BOVINE).//
 P25508
 40 F-NT2RP3000836//HYPOTHETICAL PROTEIN IN KSGA 3'REGION (ORF L5) (FRAGMENT).//0.85:36:47//MYC-
 OPLASMA CAPRICOLUM.//P43040
 F-NT2RP3000841//UDP-GLUCURONOSYLTRANSFERASE 1-7 PRECURSOR, MICROSOMAL (EC 2.4.1.17)
 (UDPGT) (UGT1*7) (UGT1-07) (UGT1.7) (UGT1A7) (UGTP4) (FRAGMENT).//1.0:70:34//MUS MUSCULUS
 (MOUSE).//Q62452
 45 F-NT2RP3000845//PUTATIVE SERINE/THREONINE-PROTEIN KINASE P78 (EC 2.7.1.-).//5.2e-72:247:61//HO-
 MO SAPIENS (HUMAN).//P27448
 F-NT2RP3000847//HYPOTHETICAL PROTEIN KIAA0161.//0.037:55:30//HOMO SAPIENS (HUMAN).//P50876
 F-NT2RP3000850//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//7.4e-31:90:75//HOMO SAPIENS (HUMAN).//
 P39194
 50 F-NT2RP3000852//HYDROPHOBIC SEED PROTEIN (HPS).//0.33:23:69//GLYCINE MAX (SOYBEAN).//P24337
 F-NT2RP3000859//IMMEDIATE-EARLY PROTEIN.//3.6e-07:189:25//HERPESVIRUS SAIMIRI (STRAIN 11).//
 Q01042
 F-NT2RP3000865
 F-NT2RP3000868//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE ISOFORM (FRAGMENT).//1.4e-09:232:28//
 55 GALLUS GALLUS (CHICKEN).//P29616
 F-NT2RP3000869//CUTICLE COLLAGEN 2.//4.5e-08:58:46//CAENORHABDITIS ELEGANS.//P17656
 F-NT2RP3000875//HOMEODOMAIN PROTEIN CDX-2 (CAUDAL-TYPE HOMEODOMAIN PROTEIN 2).//0.90:62:37//
 MUS MUSCULUS (MOUSE).//P43241

F-NT2RP3000901//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//0.99:124:33//BOS TAURUS (BOVINE)//
 P02453
 F-NT2RP3000904
 F-NT2RP3000917//DHP1 PROTEIN//6.5e-60:229:55//SCHIZOSACCHAROMYCES POMBE (FISSION
 5 YEAST)//P40848
 F-NT2RP3000919//HYPOTHETICAL 33.5 KD PROTEIN C1D4.02C IN CHROMOSOME I//2.4e-19:159:34//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10149
 F-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//3.7e-48:73:98//HOMO SAPIENS (HUMAN), AND RAT-
 TUS NORVEGICUS (RAT)//P39027
 10 F-NT2RP3000980//COPA/INCA PROTEIN (REPA3 PROTEIN)//0.24:19:47//ESCHERICHIA COLI//P13946
 F-NT2RP3000994//MATERNAL EFFECT PROTEIN STAUFEN//1.4e-10:78:48//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//P25159
 F-NT2RP3001004//HYPOTHETICAL 7.6 KD PROTEIN B0563.8 IN CHROMOSOME X//0.70:50:32//
 CAENORHABDITIS ELEGANS//Q11084
 15 F-NT2RP3001007
 F-NT2RP3001055//N-TERMINAL ACETYLTRANSFERASE COMPLEX ARD1 SUBUNIT HOMOLOG//1.3e-05:
 138:28//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P36416
 F-NT2RP3001057//ZINC FINGER PROTEIN 45 (BRC1744)//4.0e-28:141:51//HOMO SAPIENS (HUMAN)//
 Q02386
 20 F-NT2RP3001081//HYPOTHETICAL 46.4 KD PROTEIN T16H12.5 IN CHROMOSOME III//3.8e-08:144:29//
 CAENORHABDITIS ELEGANS//P34568
 F-NT2RP3001084//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT)//3.4e-06:217:32//NEPHILA CLA-
 VIPES (ORB SPIDER)//P46804
 F-NT2RP3001096//SYNAPTONEMAL COMPLEX PROTEIN SC65//1.1e-30:244:33//RATTUS NORVEGICUS
 25 (RAT)//Q64375
 F-NT2RP3001107//ARYLSULFATASE F (EC 3.1.6.-) (ASF) (FRAGMENT)//0.041:47:44//HOMO SAPIENS (HU-
 MAN)//P54793
 F-NT2RP3001109
 F-NT2RP3001111//MALE SPECIFIC SPERM PROTEIN MST84DC//0.17:28:39//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01644
 30 F-NT2RP3001113//INVOLUCRIN//0.00036:192:23//MUS MUSCULUS (MOUSE)//P48997
 F-NT2RP3001115
 F-NT2RP3001116//AMINOPEPTIDASE G (EC 3.4.11.-) (FRAGMENT)//0.99:29:51//STREPTOMYCES LIVI-
 DANS//Q54340
 35 F-NT2RP3001119//COLLAGEN ALPHA 4(IV) CHAIN (FRAGMENT)//0.0015:73:39//BOS TAURUS (BOVINE)//
 Q29442
 F-NT2RP3001120//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT)//1.3e-57:229:52//HOMO SAPIENS (HU-
 MAN)//P16415
 F-NT2RP3001126//HYPOTHETICAL 91.2 KD PROTEIN IN RPS4B-SCH9 INTERGENIC REGION//2.8e-07:83:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38888
 40 F-NT2RP3001133//CALCIUM BINDING PROTEIN//2.0e-08:171:32//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD)//P35085
 F-NT2RP3001140//F-SPONDIN PRECURSOR//2.0e-147:244:97//RATTUS NORVEGICUS (RAT)//P35446
 F-NT2RP3001147//TROPOMYOSIN 2 (TMII)//0.11:159:23//SCHISTOSOMA MANSONI (BLOOD FLUKE)//
 45 P42638
 F-NT2RP3001150//OCTAPEPTIDE-REPEAT PROTEIN T2//6.2e-09:163:25//MUS MUSCULUS (MOUSE)//
 Q06666
 F-NT2RP3001155//DNA POLYMERASE ALPHA-BINDING PROTEIN (POB1/CTF4 PROTEIN) (CHROMOSOME
 REPLICATION PROTEIN CHL15)//4.1e-05:244:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 50 Q01454
 F-NT2RP3001176//LEUKOSIALIN PRECURSOR (LEUCOCYTE SIALOGLYCOPROTEIN) (SIALOPHORIN)
 (CD43) (LY 48) (B CELL DIFFERENTIATION ANTIGEN LP-3)//0.21:136:26//MUS MUSCULUS (MOUSE)//
 P15702
 F-NT2RP3001214//SAP1 PROTEIN//0.058:133:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 55 P39955
 F-NT2RP3001216//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I) (FRAGMENT)//2.1e-08:137:33//HOMO SA-
 PIENS (HUMAN)//P35663
 F-NT2RP3001221//GAMMA-BUTYROBETAINE,2-OXOGLUTARATE DIOXYGENASE (EC 1.14.11.1) (GAMMA-

BUTYROBETAINE HYDROXYLASE).//4.2e-05:131:26//PSEUDOMONAS SP. (STRAIN AK-1).//P80193
 F-NT2RP3001232//HYPOTHETICAL PROTEIN PRECURSOR IN CS5 3'REGION (FRAGMENT).//0.75:57:31//
 ESCHERICHIA COLI.//P33792
 F-NT2RP3001236//TRANSFORMING PROTEIN MAF.//0.017:136:30//AVIAN MUSCULOAPONEUROTIC FIB-
 5 ROSARCOMA VIRUS AS42.//P23091
 F-NT2RP3001239//ELECTROMOTOR NEURON-ASSOCIATED PROTEIN 1 (FRAGMENT).//4.2e-55:221:49//
 TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY).//P14400
 F-NT2RP3001245
 F-NT2RP3001253//TROPOMYOSIN 2, MUSCLE THORACIC ISOFORM (TROPOMYOSIN I).//0.0042:142:24//
 10 DROSOPHILA MELANOGASTER (FRUIT FLY).//P09491
 F-NT2RP3001260//COLLAGEN ALPHA 4(IV) CHAIN PRECURSOR.//0.0011:89:43//HOMO SAPIENS (HU-
 MAN).//P53420
 F-NT2RP3001268//ZINC FINGER PROTEIN 45 (BRC1744).//9.0e-29:194:44//HOMO SAPIENS (HUMAN).//
 Q02386
 15 F-NT2RP3001272//HYPOTHETICAL 75.2 KD PROTEIN C13F4.08C IN CHROMOSOME I.//8.2e-17:183:26//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10199
 F-NT2RP3001274//SERINE/THREONINE PROTEIN PHOSPHATASE 5 (EC 3.1.3.16) (PP5) (PROTEIN PHOS-
 PHATASE T) (PPT) (FRAGMENT).//1.7e-09:78:39//MUS MUSCULUS (MOUSE).//Q60676
 F-NT2RP3001281//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!//7.7e-08:38:71//HOMO SAPIENS (HUMAN).//
 20 P39188
 F-NT2RP3001297//HYPOTHETICAL PROTEIN KIAA0281 (HA6725).//2.2e-57:159:70//HOMO SAPIENS (HU-
 MAN).//Q92556
 F-NT2RP3001307//SPERM PROTAMINE P1.//0.21:46:39//ORNITHORHYNCHUS ANATINUS (DUCKBILL PLAT-
 YPUS).//P35307
 25 F-NT2RP3001318
 F-NT2RP3001325//ENHANCER OF RUDIMENTARY HOMOLOG.//1.0:73:24//BRACHYDANIO RERIO (ZE-
 BRAFISH) (ZEBRA DANIO).//Q98874
 F-NT2RP3001338//ZINC FINGER PROTEIN 29 (ZINC FINGER PROTEIN KOX26) (FRAGMENT).//0.0021:56:
 35//HOMO SAPIENS (HUMAN).//P17037
 30 F-NT2RP3001339//CITRON PROTEIN.//3.6e-06:90:33//MUS MUSCULUS (MOUSE).//P49025
 F-NT2RP3001340//HYPOTHETICAL PROTEIN UL61.//7.2e-11:202:34//HUMAN CYTOMEGALOVIRUS
 (STRAIN AD169).//P16818
 F-NT2RP3001355//TRICARBOXYLATE TRANSPORT PROTEIN PRECURSOR (CITRATE TRANSPORT PRO-
 TEIN) (CTP) (TRICARBOXYLATE CARRIER PROTEIN).//7.7e-16:129:33//HOMO SAPIENS (HUMAN).//P53007
 35 F-NT2RP3001356//RAS-RELATED PROTEIN RABA (FRAGMENT).//0.00041:66:28//DICTYOSTELIUM DISCOI-
 DEUM (SLIME MOLD).//P34141
 F-NT2RP3001374
 F-NT2RP3001383//PTB-ASSOCIATED SPLICING FACTOR (PSF).//2.5e-06:190:32//HOMO SAPIENS (HU-
 MAN).//P23246
 40 F-NT2RP3001384//CHORION PROTEIN S15.//0.00079:94:37//DROSOPHILA VIRILIS (FRUIT FLY).//P13424
 F-NT2RP3001392//VPU PROTEIN (ORF-X PROTEIN) (UPX PROTEIN).//1.0:22:45//CAPRINE ARTHRITIS EN-
 CEPHALITIS VIRUS (CAEV).//P31834
 F-NT2RP3001396//HYPOTHETICAL 8.1 KD PROTEIN (ORF4).//1.0:37:32//STRAWBERRY MILD YELLOW
 EDGE-ASSOCIATED VIRUS (SMYEA).//Q00848
 45 F-NT2RP3001398//KRUEPPEL-RELATED ZINC FINGER PROTEIN 2 (HKR2 PROTEIN) (FRAGMENT).//1.9e-
 08:45:37//HOMO SAPIENS (HUMAN).//P10073
 F-NT2RP3001399//SSU72 PROTEIN.//7.3e-18:84:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P53538
 F-NT2RP3001407//SCY1 PROTEIN.//1.5e-08:143:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 50 P53009
 F-NT2RP3001420//HYPOTHETICAL 7.9 KD PROTEIN.//0.25:41:26//VACCINIA VIRUS (STRAIN COPENHA-
 GEN).//P20542
 F-NT2RP3001426//DNAJ PROTEIN.//7.5e-15:78:43//HAEMOPHILUS INFLUENZAE.//P43735
 F-NT2RP3001427//WERNER SYNDROME HELICASE.//3.6e-13:159:33//HOMO SAPIENS (HUMAN).//Q14191
 55 F-NT2RP3001428//NUCLEOPROTEIN TPR.//1.8e-53:117:99//HOMO SAPIENS (HUMAN).//P12270
 F-NT2RP3001432//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 (EC 1.6.5.3) (FRAGMENT).//0.96:52:
 21//TARSUS SYRICHTA (TARSIER).//Q36151
 F-NT2RP3001447//HYPOTHETICAL 5.5 KD PROTEIN IN REPLICATION ORIGIN REGION (ORF1).//0.96:45:35//

ESCHERICHIA COLI.//P14505
 F-NT2RP3001449//HOMEBOX PROTEIN SAX-1 (CHOX-3) (FRAGMENT).//0.0043:53:43//GALLUS GALLUS (CHICKEN).//P19601
 5 F-NT2RP3001453//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.0048:65:40//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01643
 F-NT2RP3001457//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS28.//0.55:121:20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q02767
 F-NT2RP3001459//MYOSIN IC HEAVY CHAIN.//0.10:126:34//ACANTHAMOEBA CASTELLANII (AMOEBA).//P10569
 10 F-NT2RP3001472//NONHISTONE CHROMOSOMAL PROTEIN 6A.//3.0e-14:87:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P11632
 F-NT2RP3001490//METALLOTHIONEIN-LIKE PROTEIN LSC54.//1.0:39:35//BRASSICA NAPUS (RAPE).//P43402
 F-NT2RP3001495//UBIQUITIN-PROTEIN LIGASE RSP5 (EC 6.3.2.-).//3.3e-14:148:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39940
 15 F-NT2RP3001497//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.13:44:38//BOS TAURUS (BOVINE).//P25508
 F-NT2RP3001527//SPERM PROTAMINE P1.//0.35:29:37//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH AMERICAN OPOSSUM), AND MONODELPHIS DOMESTICA (SHORT-TAILED GREY OPOSSUM).//P35305
 20 F-NT2RP3001529//HYPOTHETICAL 43.3 KD GTP-BINDING PROTEIN IN DACB-RPMA INTERGENIC REGION.//3.3e-21:125:37//ESCHERICHIA COLI.//P42641
 F-NT2RP3001538//HNF3/FH TRANSCRIPTION FACTOR GENESIS (WINGED HELIX PROTEIN CWH-3).//0.13:53:39//GALLUS GALLUS (CHICKEN).//P79772
 F-NT2RP3001554//ELECTROMOTOR NEURON-ASSOCIATED PROTEIN 2 (FRAGMENT).//2.3e-48:137:52//TORPEDO CALIFORNICA (PACIFIC ELECTRIC RAY).//P14401
 25 F-NT2RP3001580//GERM CELL-LESS PROTEIN.//8.2e-18:100:42//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01820
 F-NT2RP3001587//UBIQUITIN-ACTIVATING ENZYME E1-LIKE (POLYMERASE-INTERACTING PROTEIN 2).//2.0e-47:188:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P52488
 30 F-NT2RP3001589//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//7.4e-41:87:80//HOMO SAPIENS (HUMAN).//P39193
 F-NT2RP3001607//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:49:32//DICENTRARCHUS LABRAX (EUROPEAN SEA BASS).//Q36362
 F-NT2RP3001608//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//0.0013:177:25//ZEA MAYS (MAIZE).//P14918
 35 F-NT2RP3001621//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.84:29:37//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01645
 F-NT2RP3001629//RAS-RELATED C3 BOTULINUM TOXIN SUBSTRATE 1 (P21-RAC1) (FRAGMENTS).//0.91:57:24//CAVIA PORCELLUS (GUINEA PIG).//P80236
 40 F-NT2RP3001634//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//8.9e-11:73:54//HOMO SAPIENS (HUMAN).//P39189
 F-NT2RP3001642//HYPOTHETICAL PROTEIN KIAA0210.//1.1e-12:117:29//HOMO SAPIENS (HUMAN).//Q92609
 F-NT2RP3001646//HYPOTHETICAL 29.3 KD PROTEIN (ORF92).//0.0092:69:34//ORGYIA PSEUDOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//O10341
 45 F-NT2RP3001671//RING CANAL PROTEIN (KELCH PROTEIN).//0.0042:55:41//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q04652
 F-NT2RP3001672
 F-NT2RP3001676//GTP-BINDING PROTEIN LEPA (FRAGMENT).//1.2e-15:56:62//PSEUDOMONAS FLUORESCENS.//P26843
 50 F-NT2RP3001678//SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) (FRAGMENT).//0.054:187:31//NEPHILA CLAVIPES (ORB SPIDER).//P46804
 F-NT2RP3001679//HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III.//1.5e-07:63:44//CAENORHABDITIS ELEGANS.//P34679
 55 F-NT2RP3001688//GLUCOAMYLASE S1 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) (GAI).//1.0:83:28//SACCHAROMYCES DIASTATICUS (YEAST).//P04065
 F-NT2RP3001690//MYOSIN HEAVY CHAIN, CARDIAC MUSCLE BETA ISOFORM.//0.021:247:24//HOMO SA-

PIENS (HUMAN).//P12883
 F-NT2RP3001698
 F-NT2RP3001708//TWISTED GASTRULATION PROTEIN PRECURSOR.//7.7e-12:73:43//DROSOPHILA MEL-
 ANOGASTER (FRUIT FLY).//P54356
 5 F-NT2RP3001712//CEC-1 PROTEIN.//1.9e-07:121:29//CAENORHABDITIS ELEGANS.//P34618
 F-NT2RP3001716//SALIVARY GLUE PROTEIN SGS-3 PRECURSOR.//0.89:54:40//DROSOPHILA SIMULANS
 (FRUIT FLY).//P13729
 F-NT2RP3001724//CHROMODOMAIN-HELICASE-DNA-BINDING PROTEIN 1 (CHD-1).//7.5e-41:164:48//HO-
 MO SAPIENS (HUMAN).//O14646
 10 F-NT2RP3001727//HYPOTHETICAL 37.7 KD PROTEIN ZK686.3 IN CHROMOSOME III.//1.5e-51:240:41//
 CAENORHABDITIS ELEGANS.//P34669
 F-NT2RP3001730//SEPTIN 2 HOMOLOG (FRAGMENT).//2.4e-122:267:86//HOMO SAPIENS (HUMAN).//
 Q14141
 F-NT2RP3001739//INTESTINAL SODIUM/DICARBOXYLATE COTRANSPORTER (NA(+)/DICARBOXYLATE
 15 COTRANSPORTER).//0.99:63:34//RATTUS NORVEGICUS (RAT).//P70545
 F-NT2RP3001752/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/4.0e-21:60:85//HOMO SAPIENS (HUMAN).//
 P39193
 F-NT2RP3001753//HYPOTHETICAL PROTEIN KIAA0127.//7.9e-12:83:44//HOMO SAPIENS (HUMAN).//
 Q14140
 20 F-NT2RP3001764//DUAL SPECIFICITY PROTEIN PHOSPHATASE 6 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPE-
 CIFICITY PROTEIN PHOSPHATASE PYST1).//7.7e-25:146:36//HOMO SAPIENS (HUMAN).//Q16828
 F-NT2RP3001777//SERINE/THREONINE-PROTEIN KINASE STE20 HOMOLOG (EC 2.7.1.-).//0.0096:204:25//
 CANDIDA ALBICANS (YEAST).//Q92212
 F-NT2RP3001782//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.91:34:44//PONGO PYGMAEUS ABELII
 25 (SUMATRAN ORANGUTAN).//P92694
 F-NT2RP3001792//HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M (HNRNP M).//1.8e-33:159:53//
 HOMO SAPIENS (HUMAN).//P52272
 F-NT2RP3001799//LIGHT-HARVESTING PROTEIN B800/830/1020, ALPHA-2 CHAIN (EHS-ALPHA-2) (ANTEN-
 NA PIGMENT PROTEIN, ALPHA-2 CHAIN).//0.14:46:28//ECTOTHIORHODOSPIRA HALOCHLORIS.//P80103
 30 F-NT2RP3001819//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR.//0.00030:77:36//HOMO SAPIENS (HU-
 MAN).//P08123
 F-NT2RP3001844//OCTAMER-BINDING TRANSCRIPTION FACTOR 1 (OTF-1) (NF-A1) (FRAGMENT).//0.99:
 43:34//MACROPUS EUGENII (TAMMAR WALLABY).//Q28466
 F-NT2RP3001854//FIBRINOGEN- AND IG-BINDING PROTEIN PRECURSOR (MRP PROTEIN).//9.3e-10:213:
 35 24//STREPTOCOCCUS PYOGENES.//P30141
 F-NT2RP3001855//HOMEBOX PROTEIN PKNOX1 (HOMEBOX PROTEIN PREP-1).//2.6e-61:220:60//HO-
 MO SAPIENS (HUMAN).//P55347
 F-NT2RP3001857//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.0e-13:213:24//PODOSPORA AN-
 SERINA.//Q00808
 40 F-NT2RP3001896//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66).//0.074:124:34//HOMO SA-
 PIENS (HUMAN).//Q15428
 F-NT2RP3001898//REGULATORY PROTEIN E2.//0.36:131:29//CANINE ORAL PAPILLOMAVIRUS (COPV).//
 Q89420
 F-NT2RP3001915//CHITIN BIOSYNTHESIS PROTEIN CHS5 (CAL3 PROTEIN).//0.0021:237:23//SACCHARO-
 45 MYCES CEREVISIAE (BAKER'S YEAST).//Q12114
 F-NT2RP3001926//HYPOTHETICAL 14.0 KD PROTEIN IN RPL15B-GCR3 INTERGENIC REGION.//1.0:63:34//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q03880
 F-NT2RP3001929/////ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.4e-14:35:60//HOMO SAPIENS (HUMAN).//
 P39195
 50 F-NT2RP3001931//HYPOTHETICAL 59.3 KD PROTEIN IN TAP42-ARP9 INTERGENIC REGION.//0.86:162:24//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q05040
 F-NT2RP3001938//GLYCOPROTEIN GP50.//0.0036:54:40//PSEUDORABIES VIRUS (STRAIN RICE) (PRV).//
 P07645
 F-NT2RP3001943//33.2 KD PROTEIN IN DIND-RPH INTERGENIC REGION (ORF X).//1.0:113:27//ES-
 55 CHERICHIA COLI.//P23839
 F-NT2RP3001944//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//4.1e-56:208:47//
 CAENORHABDITIS ELEGANS.//Q09251
 F-NT2RP3001969//PUFF II/9-2 PROTEIN PRECURSOR.//0.0078:149:26//SCIARA COPROPHILA (FUNGUS

GNAT).//P22312
 F-NT2RP3001989//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE).//1.0:41:31//MUS MUSCULUS (MOUSE).//P02319
 F-NT2RP3002002//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.2e-44:69:79//HOMO SAPIENS (HUMAN).//P39195
 5 F-NT2RP3002004//TRANSCRIPTION FACTOR BF-2 (BRAIN FACTOR 2) (BF2).//0.00024:45:40//MUS MUSCULUS (MOUSE).//Q61345
 F-NT2RP3002007//TENASCIN PRECURSOR (TN) (HEXABRACHION) (CYTOTACTIN) (NEURONECTIN) (GMEM) (JI) (MIOTENDINOUS ANTIGEN) (GLIOMA-ASSOCIATED-EXTRACELLULAR MATRIX ANTIGEN) (GP 150-225) (TENASCIN-C).//0.21:115:28//HOMO SAPIENS (HUMAN).//P24821
 10 F-NT2RP3002014//HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III.//1.7e-25:139:48//CAENORHABDITIS ELEGANS.//Q09232
 F-NT2RP3002033//ACTIVATOR OF APOPTOSIS HAKIRI (NEURONAL DEATH PROTEIN DP5).//0.14:65:41//HOMO SAPIENS (HUMAN).//O00198
 15 F-NT2RP3002045//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT).//8.1e-108:192:98//MUS MUSCULUS (MOUSE).//P17427
 F-NT2RP3002054//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.046:176:31//STREPTOMYCES FRADIAE.//P20186
 20 F-NT2RP3002056//140 KD NUCLEOLAR PHOSPHOPROTEIN (NOPP140).//1.4e-07:245:25//RATTUS NORVEGICUS (RAT).//P41777
 F-NT2RP3002057//SMALL HYDROPHOBIC PROTEIN.//1.0:12:66//SIMIAN VIRUS 5 (STRAIN W3) (SV5).//P07577
 F-NT2RP3002062//PROTEASE A INHIBITOR 3 (PROTEINASE INHIBITOR I(A)3).//1.0:49:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P01094
 25 F-NT2RP3002063//ACYL CARRIER PROTEIN (ACP).//0.99:38:31//HAEMOPHILUS INFLUENZAE.//P43709
 F-NT2RP3002081//HYPOTHETICAL 100.5 KD PROTEIN C1B9.04 IN CHROMOSOME I.//5.8e-35:253:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10429
 F-NT2RP3002097//HYPOTHETICAL 98.1 KD PROTEIN IN SPX19-GCR2 INTERGENIC REGION.//6.2e-06:99:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40164
 30 F-NT2RP3002102//HYPOTHETICAL 7.4 KD PROTEIN.//0.68:34:47//THERMOPROTEUS TENAX VIRUS 1 (STRAIN KRA1) (TTV1).//P19302
 F-NT2RP3002108//HYPOTHETICAL 105.5 KD PROTEIN R13F6.10 IN CHROMOSOME III.//7.9e-19:179:34//CAENORHABDITIS ELEGANS.//Q21986
 35 F-NT2RP3002142//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.6e-17:37:75//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP3002146//CUTICLE COLLAGEN 40.//0.00034:90:37//CAENORHABDITIS ELEGANS.//P34804
 F-NT2RP3002147//SALIVARY PROLINE-RICH PROTEIN PO PRECURSOR (ALLELE S).//0.011:166:28//HOMO SAPIENS (HUMAN).//P10163
 40 F-NT2RP3002151//G1 TO S PHASE TRANSITION PROTEIN 1 HOMOLOG (GTP-BINDING PROTEIN GST1-HS).//4.8e-11:60:53//HOMO SAPIENS (HUMAN).//P15170
 F-NT2RP3002163//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII-130) (TARII-130).//0.028:191:29//HOMO SAPIENS (HUMAN).//O00268
 F-NT2RP3002165//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP.//2.3e-131:223:91//MUS MUSCULUS (MOUSE).//Q02614
 45 F-NT2RP3002166//D-ALANYL CARRIER PROTEIN (DCP).//1.0:65:33//LACTOBACILLUS CASEI.//P55153
 F-NT2RP3002173//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.4e-26:114:62//HOMO SAPIENS (HUMAN).//P39194
 F-NT2RP3002181//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.25:31:38//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01645
 50 F-NT2RP3002244//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE).//0.069:16:62//OVIS ARIES (SHEEP), AND CAPRA HIRCUS (GOAT).//P04102
 F-NT2RP3002248//MICROFIBRILLAR-ASSOCIATED PROTEIN 1 (ASSOCIATED MICROFIBRIL PROTEIN) (AMF).//0.0079:187:24//GALLUS GALLUS (CHICKEN).//P55080
 55 F-NT2RP3002255//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//4.6e-10:168:34//MUS MUSCULUS (MOUSE).//P05143
 F-NT2RP3002273//SCD6 PROTEIN.//1.5e-11:160:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P45978

- F-NT2RP3002276//PROBABLE E4 PROTEIN.//0.91:54:29//HUMAN PAPILLOMAVIRUS TYPE 16.//P06922
 F-NT2RP3002303//HYPOTHETICAL 30.2 KD PROTEIN C4D7.04C IN CHROMOSOME I.//1.7e-42:191:43//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14171
 F-NT2RP3002304
- 5 F-NT2RP3002330//NNP-1 PROTEIN.//0.52:140:18//MUS MUSCULUS (MOUSE).//P56183
 F-NT2RP3002343//5E5 ANTIGEN.//0.0056:189:30//RATTUS NORVEGICUS (RAT).//Q63003
 F-NT2RP3002351//NAD-DEPENDENT METHYLENETETRAHYDROFOLATE DEHYDROGENASE (EC 1.5.1.15)
 / METHENYLTETRAHYDROFOLATE CYCLOHYDROLASE (EC 3.5.4.9) MITOCHONDRIAL PRECURSOR.//
 1.0e-66:196:68//HOMO SAPIENS (HUMAN).//P13995
- 10 F-NT2RP3002352//PRESYNAPTIC PROTEIN SAP102 (SYNAPSE-ASSOCIATED PROTEIN 102) (NEUROEN-
 DOCRINE-DLG) (NE-DLG).//0.79:173:27//HOMO SAPIENS (HUMAN).//Q92796
 F-NT2RP3002377//PUTATIVE HELICASE YGR271W.//1.0e-56:216:44//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P53327
 F-NT2RP3002399//MINICHROMOSOME MAINTENANCE PROTEIN 6.//1.4e-19:136:31//SACCHAROMYCES
- 15 CEREVISIAE (BAKER'S YEAST).//P53091
 F-NT2RP3002402//EBNA-6 NUCLEAR PROTEIN (EBNA-3C) (EBNA-4B).//0.74:107:36//EPSTEIN-BARR VIRUS
 (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03204
 F-NT2RP3002455//DNAJ PROTEIN (FRAGMENT).//5.6e-06:57:42//AGROBACTERIUM TUMEFACIENS.//
 P50018
- 20 F-NT2RP3002484//HYPOTHETICAL 46.5 KD PROTEIN C12B10.04 IN CHROMOSOME I.//0.00032:52:48//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10438
 F-NT2RP3002501//HYPOTHETICAL 34.9 KD PROTEIN IN FRE2-JEN1 INTERGENIC REGION.//9.4e-42:209:
 42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36007
 F-NT2RP3002512//HYPOTHETICAL 37.4 KD PROTEIN IN GPM1-MCR1 INTERGENIC REGION.//7.7e-32:162:
- 25 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36059
 F-NT2RP3002529//PUTATIVE VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN C2G11.03C.//2.1e-45:
 241:43//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09805
 F-NT2RP3002545
 F-NT2RP3002549//HYPOTHETICAL 26.6 KD PROTEIN T19C3.4 IN CHROMOSOME III.//2.8e-41:161:52//
 CAENORHABDITIS ELEGANS.//Q10010
- 30 F-NT2RP3002566//IMMEDIATE-EARLY PROTEIN IE180.//0.56:130:24//PSEUDORABIES VIRUS (STRAIN KA-
 PLAN) (PRV).//P33479
 F-NT2RP3002587
 F-NT2RP3002590
- 35 F-NT2RP3002602//PROTEIN DISULFIDE ISOMERASE PRECURSOR (PDI) (EC 5.3.4.1) (THIOREDOXIN- RE-
 LATED GLYCOPROTEIN 1).//0.00091:111:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P17967
 F-NT2RP3002603//HYPOTHETICAL 14.2 KD PROTEIN IN BLAB 3'REGION.//1.0:65:40//STREPTOMYCES CA-
 CAO1.//P33654
 F-NT2RP3002628//DNAJ-LIKE PROTEIN SLR0093.//2.4e-17:101:44//SYNECHOCYSTIS SP. (STRAIN PCC
 6803).//P50027
- 40 F-NT2RP3002631//METALLOTHIONEIN-IB (MT-1B).//0.092:36:33//HOMO SAPIENS (HUMAN).//P07438
 F-NT2RP3002650//DUALIN.//3.0e-21:184:37//GALLUS GALLUS (CHICKEN).//Q90830
 F-NT2RP3002659//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR.//0.00016:223:33//HOMO SAPIENS (HU-
 MAN).//P08123
- 45 F-NT2RP3002660//40S RIBOSOMAL PROTEIN S27A.//0.16:72:31//CAENORHABDITIS ELEGANS.//P37165
 F-NT2RP3002663//OXYSTEROL-BINDING PROTEIN.//5.4e-23:168:41//HOMO SAPIENS (HUMAN).//P22059
 F-NT2RP3002671//HYPOTHETICAL 124.5 KD PROTEIN IN SKO1-RPL44A INTERGENIC REGION.//6.0e-38:
 203:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53893
 F-NT2RP3002682//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0.25:63:31//ARTEMIA
- 50 SALINA (BRINE SHRIMP).//P19049
 F-NT2RP3002687//HYPOTHETICAL 30.4 KD PROTEIN IN LEF3-IAP2 INTERGENIC REGION.//0.029:60:36//
 AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPV).//P41469
 F-NT2RP3002688//KINESIN-LIKE PROTEIN KIF1B.//5.3e-61:130:88//MUS MUSCULUS (MOUSE).//Q60575
 F-NT2RP3002701//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS).//7.4e-05:109:33//MUS
- 55 MUSCULUS (MOUSE).//P15265
 F-NT2RP3002713//PROBABLE ATP-DEPENDENT RNA HELICASE DDX10 (DEAH BOX PROTEIN 10).//0.77:
 70:32//HOMO SAPIENS (HUMAN).//Q13206
 F-NT2RP3002763//HYPOTHETICAL 11.3 KD PROTEIN C2C6.07 IN CHROMOSOME I.//6.7e-11:66:40//

SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14056
 F-NT2RP3002770//COLLAGEN ALPHA 1(IX) CHAIN (FRAGMENT).//0.33:87:34//MUS MUSCULUS (MOUSE).//Q05722
 F-NT2RP3002785//LETHAL(2)DENTICLELESS PROTEIN (DTL83 PROTEIN).//9.7e-36:187:39//DROSOPHILA
 5 MELANOGASTER (FRUIT FLY).//Q24371
 F-NT2RP3002799//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//5.6e-08:41:73//HOMO SAPIENS (HUMAN).//P39188
 F-NT2RP3002810//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!//0.0034:35:65//HOMO SAPIENS (HUMAN).//P39193
 10 F-NT2RP3002818//MAJOR CENTROMERE AUTOANTIGEN B (CENTROMERE PROTEIN B) (CENP-B).//3.2e-17:148:37//MUS MUSCULUS (MOUSE).//P27790
 F-NT2RP3002861//HYPOTHETICAL 70.2 KD PROTEIN IN GSH1-CHS6 INTERGENIC REGION.//1.7e-05:95:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P42951
 F-NT2RP3002869//TRYPSIN INHIBITOR II (BDTI-II).//0.97:23:39//BRYONIA DIOICA (RED BRYONY).//P11968
 15 F-NT2RP3002876//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP33).//0.00017:140:31//RAT-TUS NORVEGICUS (RAT).//P04474
 F-NT2RP3002877//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!//2.5e-06:55:60//HOMO SAPIENS (HUMAN).//P39194
 F-NT2RP3002909//P53-BINDING PROTEIN 53BP2 (BCL2-BINDING PROTEIN) (BBP).//4.6e-08:129:38//HOMO
 20 SAPIENS (HUMAN).//Q13625
 F-NT2RP3002911//HYPOTHETICAL PROTEIN C18.//0.99:26:50//SWINEPOX VIRUS (STRAIN KASZA) (SPV).//P32217
 F-NT2RP3002948//RING CANAL PROTEIN (KELCH PROTEIN).//1.2e-23:113:47//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q04652
 25 F-NT2RP3002953//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//0.55:116:27//DROSOPHILA MELANOGASTER (FRUIT FLY).//P33450
 F-NT2RP3002955//HYPOTHETICAL 16.5 KD PROTEIN IN BLTR-SPOIIIIC INTERGENIC REGION.//0.87:67:37//BACILLUS SUBTILIS.//P54445
 F-NT2RP3002969//LONG-CHAIN-FATTY-ACID--COA LIGASE 4 (EC 6.2.1.3) (LONG-CHAIN ACYL-COA SYNTHETASE 4) (LACS 4).//6.7e-56:189:59//HOMO SAPIENS (HUMAN).//O60488
 30 F-NT2RP3002972//HYPOTHETICAL 73.0 KD PROTEIN IN CLA4-MID1 INTERGENIC REGION.//0.0028:147:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P48566
 F-NT2RP3002978//PROBABLE E5 PROTEIN.//0.15:55:36//HUMAN PAPILLOMAVIRUS TYPE 51.//P26553
 F-NT2RP3002985//METALLOTHIONEIN (MT).//0.0031:49:42//PLEURONECTES PLATESSA (PLAICE).//P07216
 35 F-NT2RP3002988//NEUROGENIC LOCUS NOTCH HOMOLOG PROTEIN 1 PRECURSOR (MOTCH PROTEIN).//1.0:111:29//MUS MUSCULUS (MOUSE).//Q01705
 F-NT2RP3003008//HYPOTHETICAL 54.7 KD PROTEIN F37A4.1 IN CHROMOSOME III.//0.96:112:25//CAENORHABDITIS ELEGANS.//P41879
 40 F-NT2RP3003032
 F-NT2RP3003059//HYPOTHETICAL 52.3 KD PROTEIN C56F8.06C IN CHROMOSOME I PRECURSOR.//9.7e-27:216:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10254
 F-NT2RP3003061//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//3.7e-25:167:34//HOMO SAPIENS (HUMAN).//P16157
 45 F-NT2RP3003068//SERYL-TRNA SYNTHETASE (EC 6.1.1.11) (SERINE--TRNA LIGASE) (SERRS) (FRAGMENT).//0.074:82:39//SULFOLOBUS SOLFATARICUS.//O33780
 F-NT2RP3003071//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).//0.0085:128:30//HOMO SAPIENS (HUMAN).//P50552
 F-NT2RP3003078//SPERM ACROSOMAL PROTEIN FSA-ACR.1 PRECURSOR (FRAGMENT).//0.028:165:31//VULPES VULPES (RED FOX).//P53353
 50 F-NT2RP3003101//TETRACYCLINE RESISTANCE PROTEIN, CLASS C (TETA(C)).//1.0e-14:243:25//ESCHERICHIA COLI.//P02981
 F-NT2RP3003121//SUPPRESSOR PROTEIN SRP40.//7.4e-05:143:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 55 F-NT2RP3003133//65 KD YES-ASSOCIATED PROTEIN (YAP65).//0.024:61:42//GALLUS GALLUS (CHICK-EN).//P46936
 F-NT2RP3003138//KINESIN-LIKE PROTEIN KIF4.//1.1e-118:151:93//MUS MUSCULUS (MOUSE).//P33174
 F-NT2RP3003139//ATP-BINDING CASSETTE TRANSPORTER ABC1.//1.0:70:30//SCHIZOSACCHAROMYCES

POMBE (FISSION YEAST).//Q92337
 F-NT2RP3003145//MILK FAT GLOBULE-EGF FACTOR 8 PRECURSOR (MFG-E8) (HMFG) (BREAST EPITHE-
 LIAL ANTIGEN BA46) (MFGM).//2.0e-12:121:37//HOMO SAPIENS (HUMAN).//Q08431
 F-NT2RP3003150
 5 F-NT2RP3003157//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//4.0e-79:260:54//HOMO SA-
 PIENS (HUMAN).//P51522
 F-NT2RP3003185//TROPOMYOSIN.//0.077:122:27//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//
 Q02088
 F-NT2RP3003193//ZINC FINGER PROTEIN 135.//7.2e-91:239:65//HOMO SAPIENS (HUMAN).//P52742
 10 F-NT2RP3003197//HYPOTHETICAL 28.1 KD PROTEIN IN SIPU-PBPC INTERGENIC REGION.//1.3e-07:117:
 34//BACILLUS SUBTILIS.//P42966
 F-NT2RP3003203//HYPOTHETICAL 33.5 KD PROTEIN C1D4.02C IN CHROMOSOME I.//9.9e-23:132:39//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10149
 F-NT2RP3003204//RAS-LIKE PROTEIN RASB.//0.92:103:27//DICTYOSTELIUM DISCOIDEUM (SLIME
 15 MOLD).//P32252
 F-NT2RP3003210//VERY HYPOTHETICAL 13.2 KD PROTEIN IN PTC3-SAS3 INTERGENIC REGION.//0.23:
 106:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38190
 F-NT2RP3003212//SUPPRESSOR PROTEIN SRP40.//0.019:171:23//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P32583
 20 F-NT2RP3003230//CORONIN-LIKE PROTEIN P57.//8.3e-74:183:73//BOS TAURUS (BOVINE).//Q92176
 F-NT2RP3003242//STANNIocalcin PRECURSOR.//1.4e-21:127:37//HOMO SAPIENS (HUMAN).//P52823
 F-NT2RP3003251//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR.//3.1e-51:198:52//MUS
 MUSCULUS (MOUSE).//P15533
 F-NT2RP3003264//E6 PROTEIN.//1.0:31:41//HUMAN PAPILLOMAVIRUS TYPE 48.//Q80920
 25 F-NT2RP3003278//45.8 KD PROTEIN IN SHM1-MRPL37 INTERGENIC REGION.//8.6e-07:80:33//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P38344
 F-NT2RP3003282//DYNAMIN 2 (DYNAMIN UDNM).//8.0e-108:226:88//MUS MUSCULUS (MOUSE).//P39054
 F-NT2RP3003290//BIOH PROTEIN.//0.0055:107:30//ESCHERICHIA COLI.//P13001
 F-NT2RP3003301//MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-).//1.3e-69:
 30 200:55//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//O64948
 F-NT2RP3003302//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//6.4e-69:102:66//HOMO SAPIENS (HU-
 MAN).//P08547
 F-NT2RP3003311//MYOSIN II HEAVY CHAIN, NON MUSCLE.//0.18:225:26//ACANTHAMOEBA CASTELLANII
 (AMOEB).//P05659
 35 F-NT2RP3003313//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//0.0014:142:33//HOMO SAPIENS (HUMAN).//P10162
 F-NT2RP3003327//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))
 (RO52).//8.8e-18:94:43//MUS MUSCULUS (MOUSE).//Q62191
 F-NT2RP3003330//HYPOTHETICAL PROTEIN KIAA0176 (FRAGMENT).//1.3e-20:123:44//HOMO SAPIENS
 40 (HUMAN).//Q14681
 F-NT2RP3003344//HYPOTHETICAL 8.8 KD PROTEIN IN ICDC-MINE INTERGENIC REGION.//1.0:28:42//ES-
 CHERICHIA COLI.//P75991
 F-NT2RP3003346//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!//6.9e-26:74:78//HOMO SAPIENS (HU-
 MAN).//P39191
 45 F-NT2RP3003353//HYPOTHETICAL 52.4 KD PROTEIN R08D7.2 IN CHROMOSOME III.//3.7e-10:118:33//
 CAENORHABDITIS ELEGANS.//P30641
 F-NT2RP3003377//PUTATIVE CUTICLE COLLAGEN F09G8.6.//1.5e-05:102:37//CAENORHABDITIS ELE-
 GANS.//P34391
 F-NT2RP3003384
 50 F-NT2RP3003385//SKD3 PROTEIN.//5.1e-83:210:69//MUS MUSCULUS (MOUSE).//Q60649
 F-NT2RP3003403
 F-NT2RP3003409//SOX-22 PROTEIN.//0.042:173:28//HOMO SAPIENS (HUMAN).//O15370
 F-NT2RP3003411//PROBABLE E3 PROTEIN.//0.17:91:31//BOVINE PAPILLOMAVIRUS TYPE 2.//P11300
 F-NT2RP3003427//HOLOTRICIN 3 PRECURSOR.//0.012:36:41//HOLOTRICHIA DIOMPHALIA.//Q25055
 55 F-NT2RP3003433
 F-NT2RP3003464//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//0.0042:110:
 40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53214
 F-NT2RP3003490

F-NT2RP3003491//10 KD CHAPERONIN (PROTEIN CPN10) (PROTEIN GROES) (HEAT SHOCK 10 KD PRO-
 TEIN).//0.99:49:34//LEPTOSPIRA INTERROGANS.//P35472
 F-NT2RP3003500//SCY1 PROTEIN.//6.8e-14:192:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P53009
 5 F-NT2RP3003543//COLLAGEN ALPHA 5(IV) CHAIN PRECURSOR.//0.0026:175:30//HOMO SAPIENS (HU-
 MAN).//P29400
 F-NT2RP3003552//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.19:21:47//BOS TAURUS (BOVINE).//P20072
 F-NT2RP3003555//HYPOTHETICAL 32.6 KD PROTEIN IN MET30-PIG2 INTERGENIC REGION.//7.3e-27:159:
 43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40529
 10 F-NT2RP3003564//RNA REPLICASE POLYPROTEIN (EC 2.7.7.48).//1.0:99:30//TURNIP YELLOW MOSAIC VI-
 RUS.//P10358
 F-NT2RP3003572//PUTATIVE CUTICLE COLLAGEN F09G8.6.//0.33:128:32//CAENORHABDITIS ELEGANS.//
 P34391
 F-NT2RP3003576//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//7.1e-28:58:77//HOMO SAPIENS (HUMAN).//
 P39195
 15 F-NT2RP3003589//RAS-RELATED PROTEIN RAB-10.//5.4e-54:114:94//CANIS FAMILIARIS (DOG).//P24409
 F-NT2RP3003621//COAGULATION FACTOR XII PRECURSOR (EC 3.4.21.38) (HAGEMAN FACTOR) (HAF).//
 2.0e-15:89:40//HOMO SAPIENS (HUMAN).//P00748
 F-NT2RP3003625//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.99:22:50//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01645
 20 F-NT2RP3003656//HOMEBOX PROTEIN OTX3 (ZOTX3).//0.30:111:25//BRACHYDANIO RERIO (ZE-
 BRAFISH) (ZEBRA DANIO).//Q90267
 F-NT2RP3003659//HYPOTHETICAL 49.8 KD PROTEIN IN RPL14B-GPA1 INTERGENIC REGION.//1.1e-20:127:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38755
 25 F-NT2RP3003665//PENAEIDIN-3C PRECURSOR (P3-C).//0.34:52:34//PENAEUS VANNAMEI (PENOEID
 SHRIMP) (EUROPEAN WHITE SHRIMP).//P81060
 F-NT2RP3003672//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PRO-
 TEIN) (12E7).//8.7e-15:146:42//HOMO SAPIENS (HUMAN).//P14209
 F-NT2RP3003680//HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION.//4.3e-25:159:
 40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43601
 30 F-NT2RP3003686//NONHISTONE CHROMOSOMAL PROTEIN HMG-17.//0.067:63:31//GALLUS GALLUS
 (CHICKEN).//P02314
 F-NT2RP3003701//F-SPONDIN PRECURSOR.//1.8e-13:193:27//RATTUS NORVEGICUS (RAT).//P35446
 F-NT2RP3003716//SLIT PROTEIN PRECURSOR.//1.3e-12:150:34//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P24014
 35 F-NT2RP3003726//INSERTION ELEMENT IS136 HYPOTHETICAL 16.9 KD PROTEIN).//0.47:109:28//AGRO-
 BACTERIUM TUMEFACIENS.//P05680
 F-NT2RP3003746//HYPOTHETICAL 7.7 KD PROTEIN IN FIXX 3'REGION (ORF1).//0.57:34:38//AZORHIZO-
 BIUM CAULINODANS.//P26486
 40 F-NT2RP3003795//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//4.3e-10:40:90//HOMO SAPIENS (HUMAN).//
 P39195
 F-NT2RP3003799//MATING-TYPE PHEROMONE BBP1(3) PRECURSOR.//0.75:60:36//SCHIZOPHYLLUM
 COMMUNE (BRACKET FUNGUS).//P78744
 F-NT2RP3003800//PROTO-ONCOGENE TYROSINE-PROTEIN KINASE SRC (EC 2.7.1.112) (P60-SRC).//4.2e-
 51:72:95//GALLUS GALLUS (CHICKEN).//P00523
 45 F-NT2RP3003805//HYPOTHETICAL 32.1 KD PROTEIN IN DBP7-GCN3 INTERGENIC REGION.//0.00069:160:
 25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36121
 F-NT2RP3003809//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENTS).//0.028:135:35//GALLUS GALLUS (CHICK-
 EN).//P12105
 50 F-NT2RP3003819//C-HORDEIN (PCP387) (FRAGMENT).//0.0026:90:33//HORDEUM VULGARE (BARLEY).//
 P06472
 F-NT2RP3003825//PHOSPHATIDYLCHOLINE TRANSFER PROTEIN (PC-TP).//5.6e-20:174:31//BOS TAURUS
 (BOVINE).//P02720
 F-NT2RP3003828//ADENYLATE CYCLASE, TYPE V (EC 4.6.1.1) (ATP PYROPHOSPHATE-LYASE) (CA(2+)-
 INHIBITABLE ADENYLYL CYCLASE).//0.0017:111:38//CANIS FAMILIARIS (DOG).//P30803
 55 F-NT2RP3003831//ENDONUCLEASE G PRECURSOR (EC 3.1.30.-) (ENDO G).//1.1e-37:187:42//MUS MUSCU-
 LUS (MOUSE).//O08600
 F-NT2RP3003833//HYPOTHETICAL 6.4 KD PROTEIN IN INTE-PIN INTERGENIC REGION.//1.0:38:39//ES-

CHERICHIA COLI.//P75979
 F-NT2RP3003842
 F-NT2RP3003846//RETINAL DEGENERATION B PROTEIN (PROBABLE CALCIUM TRANSPORTER RDGB).//
 0.61:54:35//DROSOPHILA MELANOGASTER (FRUIT FLY).//P43125
 5 F-NT2RP3003870//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.83:51:37//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 F-NT2RP3003876//PROTEIN TRANSPORT PROTEIN SEC2.//0.0017:151:27//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P17065
 F-NT2RP3003914//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-)
 10 (DUGT).//3.3e-23:76:64//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q09332
 F-NT2RP3003918//VESICLE-ASSOCIATED MEMBRANE PROTEIN/SYNAPOBREVIN BINDING PROTEIN
 (VAP-33).//5.5e-45:127:69//APLYSIA CALIFORNICA (CALIFORNIA SEA HARE).//Q16943
 F-NT2RP3003932
 F-NT2RP3003989//PREPROTEIN TRANSLOCASE SECE SUBUNIT.//0.96:46:32//THERMOTOGA MARITIMA.//
 15 P35874
 F-NT2RP3003992//NUCLEAR LOCALIZATION SEQUENCE BINDING PROTEIN (P67).//0.0011:170:26//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//P27476
 F-NT2RP3004013//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAM-
 INASE) (RNA EDITING ENZYME 1).//3.6e-21:134:45//RATTUS NORVEGICUS (RAT).//P51400
 20 F-NT2RP3004016//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//0.00021:64:40//
 AUTOGRAPHICA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41479
 F-NT2RP3004041//SPERM PROTAMINE P1.//0.0028:43:46//ORNITHORHYNCHUS ANATINUS (DUCKBILL
 PLATYPUS).//P35307
 F-NT2RP3004051//MICROBIAL COLLAGENASE PRECURSOR (EC 3.4.24.3) (120 KD COLLAGENASE).//
 25 0.0079:194:24//CLOSTRIDIUM PERFRINGENS.//P43153
 F-NT2RP3004070//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.4e-11:51:72//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RP3004078//DNA BINDING PROTEIN RFX2.//2.7e-114:243:87//MUS MUSCULUS (MOUSE).//P48379
 F-NT2RP3004093//HYPOTHETICAL 32.3 KD PROTEIN IN RHSE-NARV INTERGENIC REGION (ORFB).//8.0e-
 30 13:111:41//ESCHERICHIA COLI.//P37757
 F-NT2RP3004095//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.5e-17:72:65//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RP3004110//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.6e-10:51:72//HOMO SAPIENS (HUMAN).//
 P39195
 35 F-NT2RP3004125//ZINC FINGER PROTEIN 75.//1.1e-28:118:47//HOMO SAPIENS (HUMAN).//P51815
 F-NT2RP3004145//AEROLYSIN REGULATORY PROTEIN.//0.012:45:33//AEROMONAS SOBRIA.//P09165
 F-NT2RP3004148//METALLOTHIONEIN-I (MT-1).//0.055:18:50//COLUMBA LIVIA (DOMESTIC PIGEON).//
 P15786
 F-NT2RP3004155//UBIQUINONE BIOSYNTHESIS PROTEIN COQ7 HOMOLOG.//1.7e-82:178:89//RATTUS
 40 NORVEGICUS (RAT).//Q63619
 F-NT2RP3004189//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//1.7e-11:215:24//PODOSPORA AN-
 SERINA.//Q00808
 F-NT2RP3004206//CROOKED NECK PROTEIN.//3.8e-101:241:73//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P17886
 45 F-NT2RP3004207//CUTICLE COLLAGEN 12 PRECURSOR.//0.13:130:33//CAENORHABDITIS ELEGANS.//
 P20630
 F-NT2RP3004209//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTE-
 RASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUI-
 TUS NUCLEAR PROTEIN HOMOLOG).//6.5e-16:207:29//HOMO SAPIENS (HUMAN).//Q13107
 50 F-NT2RP3004215//PROTEIN TRANSPORT PROTEIN SEC61 GAMMA SUBUNIT.//1.0:69:31//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P35179
 F-NT2RP3004242//HYPOTHETICAL 30.2 KD PROTEIN ZK632.12 IN CHROMOSOME III.//1.1e-64:191:63//
 CAENORHABDITIS ELEGANS.//P34657
 F-NT2RP3004246//RING3 PROTEIN (KIAA9001).//0.060:101:28//HOMO SAPIENS (HUMAN).//P25440
 55 F-NT2RP3004253//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS).//1.1e-07:184:35//BOS TAURUS (BOVINE).//
 P02453
 F-NT2RP3004258//SUPPRESSOR PROTEIN SRP40.//4.9e-08:98:39//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P32583

F-NT2RP3004262//DNAJ PROTEIN HOMOLOG 1 (HDJ-1) (HEAT SHOCK PROTEIN 40) (HSP40).//1.6e-63:210:61//HOMO SAPIENS (HUMAN).//P25685
 F-NT2RP3004282//HYPOTHETICAL PROTEIN F44G4.1 IN CHROMOSOME II (FRAGMENT).//1.6e-29:177:38//CAENORHABDITIS ELEGANS.//P54073
 5 F-NT2RP3004332//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAGMENT).//0.030:118:36//CRICETULUS GRISEUS (CHINESE HAMSTER).//P11414
 F-NT2RP3004334
 F-NT2RP3004341//ALPHA-INTERNEXIN (ALPHA-INX).//0.91:110:26//MUS MUSCULUS (MOUSE).//P46660
 F-NT2RP3004348//HYPOTHETICAL 105.3 KD PROTEIN C01G6.5 IN CHROMOSOME III.//0.60:198:24//10 CAENORHABDITIS ELEGANS.//P46012
 F-NT2RP3004349//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//1.0e-37:60:76//HOMO SAPIENS (HUMAN).//P39193
 F-NT2RP3004378//HYPOTHETICAL 18.8 KD PROTEIN IN GNTR-GGT INTERGENIC REGION (O162).//0.0026:76:28//ESCHERICHIA COLI.//P46854
 15 F-NT2RP3004399//LEUCINE-RICH PRIMARY RESPONSE PROTEIN 1 (FOLLICLE-STIMULATING HORMONE PRIMARY RESPONSE PROTEIN).//4.4e-109:212:96//HOMO SAPIENS (HUMAN).//Q92674
 F-NT2RP3004424//JTV-1 PROTEIN.//4.5e-18:60:70//HOMO SAPIENS (HUMAN).//Q13155 F-NT2RP3004428//METALLOTHIONEIN-A (MTA).//0.0010:36:47//STRONGYLOCENTROTUS PURPURATUS (PURPLE SEA URCHIN).//P04734
 20 F-NT2RP3004451//MYOSIN IC HEAVY CHAIN.//0.00072:113:34//ACANTHAMOEBA CASTELLANII (AMOEBA).//P10569
 F-NT2RP3004454//VERPROLIN.//3.3e-07:156:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P37370
 F-NT2RP3004466//HYPOTHETICAL PROTEIN F-215.//0.0013:125:32//HUMAN ADENOVIRUS TYPE 2.//25 P03291
 F-NT2RP3004470//HYPOTHETICAL 15.4 KD PROTEIN C16C10.11 IN CHROMOSOME III.//1.0:33:51//CAENORHABDITIS ELEGANS.//Q09254
 F-NT2RP3004472//GERM CELL-LESS PROTEIN.//7.3e-33:170:40//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01820
 30 F-NT2RP3004475//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//8.4e-54:214:46//HOMO SAPIENS (HUMAN).//P98171
 F-NT2RP3004480//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//3.9e-47:199:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P34110
 F-NT2RP3004490//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//0.0013:121:33//35 XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P17437
 F-NT2RP3004498//HYPOTHETICAL 43.5 KD PROTEIN IN COTD-KDUD INTERGENIC REGION PRECURSOR.//0.066:87:35//BACILLUS SUBTILIS.//P50840
 F-NT2RP3004503//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.0e-34:102:69//HOMO SAPIENS (HUMAN).//P39194
 40 F-NT2RP3004504//SUPPRESSOR PROTEIN SRP40.//0.64:93:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 F-NT2RP3004507//MOB1 PROTEIN (MPS1 BINDER 1).//2.2e-16:90:42//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40484
 F-NT2RP3004527
 45 F-NT2RP3004534//S-PHASE ENTRY CYCLIN 6.//0.38:148:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32943
 F-NT2RP3004539//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 PRECURSOR (IGFBP-1) (IBP-1) (IGF-BINDING PROTEIN 1).//0.38:89:38//RATTUS NORVEGICUS (RAT).//P21743
 F-NT2RP3004544//CYTADHERENCE HIGH MOLECULAR WEIGHT PROTEIN 2 (CYTADHERENCE ACCESSORY PROTEIN 2).//0.0024:200:24//MYCOPLASMA PNEUMONIAE.//P75471
 50 F-NT2RP3004566//GASTRULA ZINC FINGER PROTEIN XLCGF17.1 (FRAGMENT).//4.6e-25:126:43//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P18713
 F-NT2RP3004569//ANKYRIN.//8.3e-07:150:28//MUS MUSCULUS (MOUSE).//Q02357
 F-NT2RP3004572//TRANSCRIPTION INITIATION FACTOR TFIID 150 KD SUBUNIT (TAFII-150) (TAFII150).//1.6e-70:247:54//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q24325
 55 F-NT2RP3004578//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//1.5e-10:210:26//HOMO SAPIENS (HUMAN).//Q02224
 F-NT2RP3004594//P54 PROTEIN PRECURSOR.//0.0044:230:24//ENTEROCOCCUS FAECIUM (STREPTO-

COCCUS FAECIUM).//P13692
 F-NT2RP3004617//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR.//1.5e-14:113:34//MUS
 MUSCULUS (MOUSE).//P15533
 5 F-NT2RP3004618//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III.//4.5e-08:149:30//
 CAENORHABDITIS ELEGANS.//P34681
 F-NT2RP3004669//ETHANOLAMINE KINASE (EC 2.7.1.82) (EASILY SHOCKED PROTEIN).//1.0e-24:75:48//
 DROSOPHILA MELANOGASTER (FRUIT FLY).//P54352
 F-NT2RP3004670//CUTICLE COLLAGEN 21/0.00090:159:29//CAENORHABDITIS ELEGANS.//P17656
 F-NT2RP4000008//CHLORINE CHANNEL PROTEIN P64.//4.0e-79:243:62//BOS TAURUS (BOVINE).//P35526
 10 F-NT2RP4000023
 F-NT2RP4000035//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.6e-06:46:67//HOMO SAPIENS (HUMAN).//
 P39194
 F-NT2RP4000049//CALDESMON (CDM).//0.41:63:34//GALLUS GALLUS (CHICKEN).//P12957
 F-NT2RP4000051//DUALIN.//2.3e-23:195:37//GALLUS GALLUS (CHICKEN).//Q90830
 15 F-NT2RP4000078//RING CANAL PROTEIN (KELCH PROTEIN).//1.2e-24:182:31//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RP4000102//XPAR7 PROTEIN.//1.0:54:33//BACILLUS LICHENIFORMIS.//Q99166
 F-NT2RP4000109//SLIT PROTEIN PRECURSOR.//1.9e-60:230:46//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P24014
 20 F-NT2RP4000111//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100
 KD SUBUNIT).//1.4e-91:157:100//BOS TAURUS (BOVINE).//Q10568
 F-NT2RP4000129//5E5 ANTIGEN.//0.00072:124:37//RATTUS NORVEGICUS (RAT).//Q63003
 F-NT2RP4000147//ZINC FINGER PROTEIN GCS1.//1.5e-26:119:43//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P35197
 25 F-NT2RP4000150
 F-NT2RP4000151//HYPOTHETICAL 31.0 KD PROTEIN R107.2 IN CHROMOSOME III.//4.2e-31:180:47//
 CAENORHABDITIS ELEGANS.//P32740
 F-NT2RP4000159//SPORE COAT PROTEIN SP96.//0.84:107:28//DICTYOSTELIUM DISCOIDEUM (SLIME
 MOLD).//P14328
 30 F-NT2RP4000167//HYPOTHETICAL 98.1 KD PROTEIN IN SPX19-GCR2 INTERGENIC REGION.//2.4e-08:133:
 32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40164
 F-NT2RP4000185//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (VMW118 PROTEIN).//5.4e-05:143:
 32//HERBES SIMPLEX VIRUS (TYPE 2 / STRAIN HG52).//P28284
 F-NT2RP4000210//PAIRED AMPHIPATHIC HELIX PROTEIN.//1.8e-40:258:35//SACCHAROMYCES CEREVI-
 35 SIAE (BAKER'S YEAST).//P22579
 F-NT2RP4000212//ATRIAL GLAND-SPECIFIC ANTIGEN PRECURSOR (AGSA).//1.4e-20:104:40//APLYSIA
 CALIFORNICA (CALIFORNIA SEA HARE).//P15287
 F-NT2RP4000214//FERREDOXIN.//1.0:19:42//MOORELLA THERMOACETICA (CLOSTRIDIUM THERMOACE-
 TICUM).//P00203
 40 F-NT2RP4000218//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.7e-15:48:60//HOMO SAPIENS (HUMAN).//
 P39188
 F-NT2RP4000243//DUALIN.//5.8e-78:192:70//GALLUS GALLUS (CHICKEN).//Q90830
 F-NT2RP4000246//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1).//3.1e-83:207:76//MUS MUSCULUS
 (MOUSE).//Q03173
 45 F-NT2RP4000259//GLUTATHIONE PEROXIDASE 2 (EC 1.11.1.9).//5.5e-29:153:43//HELIANTHUS ANNUUS
 (COMMON SUNFLOWER).//O23968
 F-NT2RP4000263//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.98:42:40//BOS TAURUS (BOVINE).//P20072
 F-NT2RP4000290//HYPOTHETICAL 116.5 KD PROTEIN C20G8.09C IN CHROMOSOME I.//3.5e-71:209:66//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P87115
 50 F-NT2RP4000312//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//8.9e-22:166:37//HO-
 MO SAPIENS (HUMAN).//Q15404
 F-NT2RP4000321//VERPROLIN.//0.00018:260:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P37370
 F-NT2RP4000323//ANTHOPLEURIN B (TOXIN AP-B).//0.42:15:46//ANTHOPLEURA XANTHOGRAMMICA (GI-
 55 ANT GREEN SEA ANEMONE).//P01531
 F-NT2RP4000355//HYPOTHETICAL 90.9 KD PROTEIN IN GCN20-CMK1 INTERGENIC REGION.//0.75:125:29//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43596
 F-NT2RP4000360//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT).//0.27:92:

33//RATTUS NORVEGICUS (RAT).//P10164
 F-NT2RP4000367//HYPOTHETICAL 7.3 KD PROTEIN IN 100 KD PROTEIN REGION.//0.99:52:32//HUMAN AD-
 ENOVIRUS TYPE 41.//P23691
 5 F-NT2RP4000370//MITOCHONDRIAL PEPTIDE CHAIN RELEASE FACTOR 1 PRECURSOR (MRF-1).//4.1e-40:
 163:52//HOMO SAPIENS (HUMAN).//O75570
 F-NT2RP4000376//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP).//4.2e-59:125:80//RATTUS NOR-
 VEGICUS (RAT).//P54319
 F-NT2RP4000381//NEUROFILAMENT TRIPLET H PROTEIN (200 KD NEUROFILAMENT PROTEIN) (NF-H).//
 0.00058:194:30//MUS MUSCULUS (MOUSE).//P19246
 10 F-NT2RP4000398//ZINC FINGER PROTEIN 184 (FRAGMENT).//1.2e-45:153:39//HOMO SAPIENS (HUMAN).//
 Q99676
 F-NT2RP4000415//HYPOTHETICAL 118.4 KD PROTEIN IN BAT2-DAL5 INTERGENIC REGION PRECURSOR.//
 0.00066:201:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47179
 F-NT2RP4000417//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B).//
 15 1.8e-25:196:40//MUS MUSCULUS (MOUSE).//P39098
 F-NT2RP4000424//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.0e-15:72:61//HOMO SAPIENS (HUMAN).//
 P39195
 F-NT2RP4000448//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//7.0e-23:63:82//HOMO SAPIENS (HUMAN).//
 P39192
 20 F-NT2RP4000449//REGULATORY PROTEIN SIR2 (SILENT INFORMATION REGULATOR 2).//1.3e-41:102:45//
 KLUYVEROMYCES LACTIS (YEAST).//P33294
 F-NT2RP4000455//HOMEBOX PROTEIN SAX-1 (CHOX-3) (FRAGMENT).//0.00014:92:30//GALLUS GALLUS
 (CHICKEN).//P19601
 F-NT2RP4000457//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 7 (EC 3.1.2.15) (UBIQUITIN THIOLESTE-
 25 RASE 7) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 7) (DEUBIQUITINATING ENZYME 7) (HERPESVI-
 RUS ASSOCIATED UBIQUITIN-SPECIFIC PROTEASE).//1.0e-29:218:38//HOMO SAPIENS (HUMAN).//Q93009
 F-NT2RP4000480//TRANSCRIPTIONAL REGULATORY PROTEIN ALGP (ALGINATE REGULATORY PROTEIN
 ALGR3).//0.049:117:29//PSEUDOMONAS AERUGINOSA.//P15276
 F-NT2RP4000481//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III.//2.3e-05:152:23//
 30 CAENORHABDITIS ELEGANS.//Q09475
 F-NT2RP4000498//MOB1 PROTEIN (MPS1 BINDER 1).//2.3e-48:172:52//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P40484
 F-NT2RP4000500//HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III.//1.3e-23:165:35//
 CAENORHABDITIS ELEGANS.//P34535
 35 F-NT2RP4000515//PHOSPHODIESTERASE I (EC 3.1.4.1) (5'-EXONUCLEASE) (5'-NUCLEOTIDE PHOS-
 PHODIESTERASE) (FRAGMENT).//1.0:48:37//BOS TAURUS (BOVINE).//P15396
 F-NT2RP4000517//METALLOTHIONEIN-LIKE PROTEIN TYPE 2.//1.0:41:36//VICIA FABA (BROAD BEAN).//
 Q41657
 F-NT2RP4000518//ATP-DEPENDENT RNA HELICASE ROK1.//1.1e-11:93:36//SACCHAROMYCES CEREVI-
 40 SIAE (BAKER'S YEAST).//P45818
 F-NT2RP4000519//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.68:55:40//BOS TAURUS (BOVINE).//
 P25508
 F-NT2RP4000524//IGA FC RECEPTOR PRECURSOR (BETA ANTIGEN) (B ANTIGEN).//0.37:187:24//STREP-
 TOCOCUS AGALACTIAE.//P27951
 45 F-NT2RP4000528//NPL4 PROTEIN.//2.1e-45:305:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P33755
 F-NT2RP4000541//HOMEBOX PROTEIN CHOX-1 (FRAGMENT).//0.23:28:50//GALLUS GALLUS (CHICK-
 EN).//P13544
 F-NT2RP4000556//HYPOTHETICAL 34.1 KD PROTEIN C40H1.4 IN CHROMOSOME III.//4.3e-14:174:34//
 50 CAENORHABDITIS ELEGANS.//Q03574
 F-NT2RP4000560//HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III.//2.1e-19:155:36//
 CAENORHABDITIS ELEGANS.//P34679
 F-NT2RP4000588//HYPOTHETICAL PROTEIN E-115.//0.014:64:35//HUMAN ADENOVIRUS TYPE 2.//P03290
 F-NT2RP4000614//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35)
 55 (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN).//2.7e-27:188:44//GALLUS GALLUS (CHICKEN).//P30352
 F-NT2RP4000638//EARLY NODULIN 55-1 PRECURSOR (N-55-1) (FRAGMENT).//0.55:40:40//GLYCINE MAX
 (SOYBEAN).//Q05544
 F-NT2RP4000648//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.4e-06:31:74//HOMO SAPIENS (HUMAN).//

P39188
 F-NT2RP46000657//HYPOTHETICAL PROTEIN MJ1065.//2.5e-40:237:40//METHANOCOCCUS JANNAS-
 CHII.//Q58465
 F-NT2RP4000704
 5 F-NT2RP4000713//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//4.0e-07:134:40//STREP-
 TOMYCES FRADIAE.//P20186
 F-NT2RP4000724//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//1.1e-62:109:88//HOMO SAPIENS (HUMAN).//P10266
 F-NT2RP4000728//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//0.0033:190:25//SACCHAROMY-
 10 CES CEREVISIAE (BAKER'S YEAST).//P32323
 F-NT2RP4000737//PTB-ASSOCIATED SPLICING FACTOR (PSF).//1.0e-05:114:34//HOMO SAPIENS (HU-
 MAN).//P23246
 F-NT2RP4000739//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:20:50//ANAS PLATYRHYNCHOS
 (DOMESTIC DUCK).//P50655
 15 F-NT2RP4000781//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.0013:67:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53915
 F-NT2RP4000787//POLLEN SPECIFIC PROTEIN SF3.//1.3e-13:79:39//HELIANTHUS ANNUUS (COMMON
 SUNFLOWER).//P29675
 F-NT2RP4000817//SUPPRESSOR PROTEIN SRP40.//1.3e-05:255:21//SACCHAROMYCES CEREVISIAE
 20 (BAKER'S YEAST).//P32583
 F-NT2RP4000833
 F-NT2RP4000837//MALE SPECIFIC SPERM PROTEIN MSTS4DB.//0.18:38:44//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 F-NT2RP4000839//TRANSCRIPTION INITIATION FACTOR TFIID 90 KD SUBUNIT (TAFII-90).//0.026:38:44//
 25 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38129
 F-NT2RP4000855//AMINOPEPTIDASE B (EC 3.4.11.6) (ARGINYL AMINOPEPTIDASE) (ARGININE AMI-
 NOPEPTIDASE) (CYTOSOL AMINOPEPTIDASE IV) (AP-B).//2.8e-64:229:53//RATTUS NORVEGICUS (RAT).//
 O09175
 F-NT2RP4000865//ZINC FINGER PROTEIN ZFP-36 (FRAGMENT).//3.6e-84:174:54//HOMO SAPIENS (HU-
 30 MAN).//P16415
 F-NT2RP4000878//MYELOID UPREGULATED PROTEIN.//8.2e-88:227:74//MUS MUSCULUS (MOUSE).//
 O35682
 F-NT2RP4000879//UBIQUITIN-ACTIVATING ENZYME E1 (A1S9 PROTEIN).//9.1e-55:268:43//HOMO SAPIENS
 (HUMAN).//P22314
 35 F-NT2RP4000907//BDNF / NT-3 GROWTH FACTORS RECEPTOR PRECURSOR (EC 2.7.1.112) (TRKB TYRO-
 SINE KINASE) (GP145-TRKB) (TRK-B).//5.4e-10:220:25//HOMO SAPIENS (HUMAN).//Q16620
 F-NT2RP4000915//60S ACIDIC RIBOSOMAL PROTEIN P2 (FRAGMENT).//0.46:23:60//ARABIDOPSIS THAL-
 IANA (MOUSE-EAR CRESS).//P51407
 F-NT2RP4000918//METHYL-ACCEPTING CHEMOTAXIS PROTEIN TLPB.//0.00010:148:32//BACILLUS SUBTI-
 40 LIS.//P39217
 F-NT2RP4000925//FIBROMODULIN PRECURSOR (FM) (COLLAGEN-BINDING 59 KD PROTEIN).//3.5e-27:
 220:36//HOMO SAPIENS (HUMAN).//Q06828
 F-NT2RP4000927//TRANS-ACTING TRANSCRIPTIONAL PROTEIN ICP0 (P135 PROTEIN) (IER 2.9/ER2.6).//
 0.64:75:37//BOVINE HERPESVIRUS TYPE 1 (STRAIN JURA).//P29128
 45 F-NT2RP4000928//PHOSPHATIDATE CYTIDYLYLTRANSFERASE (EC 2.7.7.41) (CDP-DIGLYCERIDE SYN-
 THETASE) (CDP-DIGLYCERIDE PYROPHOSPHORYLASE) (CDP-DIACYLGLYCEROL SYNTHASE) (CDS)
 (CTP:PHOSPHATIDATE CYTIDYLYLTRANSFERASE) (CDP-DAG SYNTHASE).//3.1e-104:263:66//HOMO SA-
 PIENS (HUMAN).//Q92903
 F-NT2RP4000929//HYPOTHETICAL 22.2 KD PROTEIN IN NSR1-TIF4631 INTERGENIC REGION.//0.93:107:
 50 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53288
 F-NT2RP4000955//PUTATIVE CUTICLE COLLAGEN F09G8.6.//2.0e-05:102:37//CAENORHABDITIS ELE-
 GANS.//P34391
 F-NT2RP4000973//HYPOTHETICAL 48.6 KD PROTEIN IN BET1-PAN1 INTERGENIC REGION.//2.3e-17:78:56//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40564
 55 F-NT2RP4000975//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//0.0041:142:33//HOMO SAPIENS (HUMAN).//P10162
 F-NT2RP4000979//HYPOTHETICAL 14.5 KD PROTEIN.//0.77:106:33//VACCINIA VIRUS (STRAIN COPENHA-
 GEN).//P20517

F-NT2RP4000984//HYPOTHETICAL 124.8 KD PROTEIN C29E4.4 IN CHROMOSOME III.//0.90:94:25//
 CAENORHABDITIS ELEGANS.//P34343
 F-NT2RP4000989//ANTHOPLEURIN B (TOXIN AP-B).//0.76:41:41//ANTHOPLEURA XANTHOGRAMMICA (GI-
 ANT GREEN SEA ANEMONE).//P01531
 5 F-NT2RP4000996//PROTEIN Q300.//0.00024:41:53//MUS MUSCULUS (MOUSE).//Q02722
 F-NT2RP4000997//DNA-DIRECTED RNA POLYMERASE I135 KD POLYPEPTIDE (EC 2.7.7.6) (RNA POLYMER-
 ASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT).//8.7e-115:261:82//RATTUS NORVEGI-
 CUS (RAT).//O54888
 F-NT2RP4001004//EC PROTEIN HOMOLOG 2 (FRAGMENT).//0.50:61:34//ARABIDOPSIS THALIANA
 10 (MOUSE-EAR CRESS).//Q42377
 F-NT2RP4001006//HYPOTHETICAL 43.5 KD PROTEIN IN COTD-KDUD INTERGENIC REGION PRECUR-
 SOR.//0.010:152:29//BACILLUS SUBTILIS.//P50840
 F-NT2RP4001010//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//9.9e-05:247:25//SACCHAROMYCES CEREVISIAE
 15 (BAKER'S YEAST).//P08640
 F-NT2RP4001029//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIV-
 ITY) (TRANSCRIPTION FACTOR NTF-1).//1.1e-14:175:31//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 P13002
 F-NT2RP4001041//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE)
 20 (LEURS).//1.5e-74:272:55//CAENORHABDITIS ELEGANS.//Q09996
 F-NT2RP4001057//HYPOTHETICAL 62.2 KD PROTEIN ZK652.6 IN CHROMOSOME III.//0.0064:76:38//
 CAENORHABDITIS ELEGANS.//P34664
 F-NT2RP4001064//DUALIN.//2.5e-24:199:38//GALLUS GALLUS (CHICKEN).//Q90830
 F-NT2RP4001078//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 25 (TAFII-130) (TAFII130).//0.11:139:38//HOMO SAPIENS (HUMAN).//O00268
 F-NT2RP4001079//CALCIUM-TRANSPORTING ATPASE 1 (EC 3.6.1.38) (GOLGI CA2+-ATPASE).//1.5e-22:242:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P13586
 F-NT2RP4001080//POLYPYRIMIDINE TRACT-BINDING PROTEIN (PTB) (HETEROGENEOUS NUCLEAR RI-
 BONUCLEOPROTEIN I) (HNRNP I).//1.7e-82:178:69//SUS SCROFA (PIG).//Q29099
 30 F-NT2RP4001086//LEUCINE-RICH ACIDIC NUCLEAR PROTEIN.//0.00039:141:26//RATTUS NORVEGICUS
 (RAT).//P49911
 F-NT2RP4001095//DOUBLE-STRANDED RNA-SPECIFIC EDITASE 1 (EC 3.5.-.-) (DSRNA ADENOSINE DEAM-
 INASE) (RNA EDITING ENZYME 1).//9.9e-07:79:43//HOMO SAPIENS (HUMAN).//P78563
 F-NT2RP4001100//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION.//4.4e-16:207:
 35 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40032
 F-NT2RP4001117//PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT.//8.1e-115:224:99//RATTUS
 NORVEGICUS (RAT).//P38378
 F-NT2RP4001122//TIPD PROTEIN.//7.5e-11:129:31//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//O15736
 F-NT2RP4001126//TRICHOHYALIN.//1.4e-19:257:28//OVIS ARIES (SHEEP).//P22793
 40 F-NT2RP4001138//PUTATIVE F420-DEPENDENT NADP REDUCTASE (EC 1.-.-.-).//0.00010:204:25//METH-
 ANOCOCCUS JANNASCHII.//Q58896
 F-NT2RP4001143//HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION.//4.5e-34:
 168:44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43616
 F-NT2RP4001148//SOF1 PROTEIN.//2.4e-41:158:41//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 45 P33750
 F-NT2RP4001149//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//1.3e-08:106:41//VOLVOX CART-
 ERI.//P21997
 F-NT2RP4001150//NG-CAM RELATED CELL ADHESION MOLECULE PRECURSOR (NR-CAM) (BRAVO).//
 3.6e-24:194:32//GALLUS GALLUS (CHICKEN).//P35331
 50 F-NT2RP4001159//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2).//0.0056:117:25//PLASMODI-
 UM FALCIPARUM (ISOLATE K1 / THAILAND).//Q03643
 F-NT2RP4001174//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//
 5.9e-24:184:34//BRASSICA OLERACEA (CAULIFLOWER).//P52178
 F-NT2RP4001206//MEROZOITE SURFACE ANTIGEN 2 PRECURSOR (MSA-2).//0.0029:117:26//PLASMODI-
 UM FALCIPARUM (ISOLATE K1 / THAILAND).//Q03643
 55 F-NT2RP4001207//CHROMOSOME SEGREGATION PROTEIN CSE1.//1.0e-07:144:28//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P33307
 F-NT2RP4001210//DERMORPHIN 1 PRECURSOR [CONTAINS: DELTORPHIN (DERMENKEPHALIN); DER-

MORPHIN].//0.019:130:30//PHYLLomedusa SAUVAGEI (SAUVAGE'S LEAF FROG).//P05422
 F-NT2RP4001213//ZINC FINGER PROTEIN 177.//3.2e-28:176:39//HOMO SAPIENS (HUMAN).//Q13360
 F-NT2RP4001219//DISULFIDE ISOMERASE MPD1 PRECURSOR (EC 5.3.4.1).//2.4e-13:108:37//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//Q12404
 5 F-NT2RP4001228//RING CANAL PROTEIN (KELCH PROTEIN).//2.7e-56:242:40//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RP4001235//REGULATORY PROTEIN E2.//0.0080:100:38//HUMAN PAPILLOMAVIRUS TYPE 25.//
 P36787
 F-NT2RP4001256//CUTICLE COLLAGEN 1.//0.014:104:31//CAENORHABDITIS ELEGANS.//P08124
 10 F-NT2RP4001260//BACTERIOCIN MICROCIN B17 PRECURSOR (MCB17).//0.00077:16:68//ESCHERICHIA
 COLI.//P05834
 F-NT2RP4001274//HISTONE H1.M6.1.//0.98:65:35//TRYPANOSOMA CRUZI.//P40273
 F-NT2RP4001276//ELAV PROTEIN.//0.00054:134:33//DROSOPHILA VIRILIS (FRUIT FLY).//P23241
 F-NT2RP4001313//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//
 15 0.014:71:35//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-NT2RP4001315//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS9.//2.3e-12:190:27//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//P54787
 F-NT2RP4001336//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//0.0037:108:31//PODOSPORA AN-
 SERINA.//Q00808
 20 F-NT2RP4001339//HYPOTHETICAL PROTEIN MJ0810.//1.2e-09:150:34//METHANOCOCCUS JANNASCHII.//
 Q58220
 F-NT2RP4001343//HYPOTHETICAL 85.2 KD PROTEIN F52C9.3 IN CHROMOSOME III.//1.4e-18:244:27//
 CAENORHABDITIS ELEGANS.//Q10123
 F-NT2RP4001345//PHOSPHATIDYLCHOLINE-STEROL ACYLTRANSFERASE PRECURSOR (EC 2.3.1.43)
 25 (LECITHIN-CHOLESTEROL ACYLTRANSFERASE) (PHOSPHOLIPID-CHOLESTEROL ACYLTRANSFERASE)
 (FRAGMENT).//4.0e-49:212:50//GALLUS GALLUS (CHICKEN).//P53760
 F-NT2RP4001351//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//5.7e-11:229:26//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P25386
 F-NT2RP4001353//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//0.00088:84:28//HO-
 30 MO SAPIENS (HUMAN).//Q15404
 F-NT2RP4001372//IRREGULAR CHIASM C-ROUGHEST PROTEIN PRECURSOR (IRREC PROTEIN).//1.0e-
 22:222:30//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q08180
 F-NT2RP4001373//OV-17 ANTIGEN PRECURSOR (IMMUNODOMINANT HYPODERMAL ANTIGEN).//0.51:92:
 26//ONCHOCERCA VOLVULUS.//P36991
 35 F-NT2RP4001375//NON-RECEPTOR TYROSINE KINASE SPORE LYSIS A (EC 2.7.1.112) (TYROSINE- PRO-
 TEIN KINASE 1).//3.5e-13:146:35//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P18160
 F-NT2RP4001379//HYPOTHETICAL 64.2 KD PROTEIN IN SLT2-PUT2 INTERGENIC REGION.//1.2e-14:207:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38767
 F-NT2RP4001389//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (RPB1) (FRAG-
 40 MENT).//0.073:112:33//CRICETULUS GRISEUS (CHINESE HAMSTER).//P11414
 F-NT2RP4001407//CENTROMERIC PROTEIN E (CENP-E PROTEIN).//0.0019:233:24//HOMO SAPIENS (HU-
 MAN).//Q02224
 F-NT2RP4001414//SEPTIN 2 HOMOLOG (FRAGMENT).//6.2e-89:195:81//HOMO SAPIENS (HUMAN).//Q14141
 F-NT2RP4001433//ZINC FINGER PROTEIN 43 (ZINC PROTEIN HTF6).//1.5e-85:216:56//HOMO SAPIENS (HU-
 45 MAN).//P28160
 F-NT2RP4001442//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6) (VERSION 1).//
 0.012:107:35//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P18616
 F-NT2RP4001447//60S ACIDIC RIBOSOMAL PROTEIN P2 (EL12).//0.0046:69:33//ARTEMIA SALINA (BRINE
 SHRIMP).//P02399
 50 F-NT2RP4001474//CBP3 PROTEIN PRECURSOR.//0.0011:111:29//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//P21560
 F-NT2RP4001483//2-OXOGLUTARATE DEHYDROGENASE E1 COMPONENT PRECURSOR (EC 1.2.4.2) (AL-
 PHA-KETOGLUTARATE DEHYDROGENASE).//6.2e-60:146:61//HOMO SAPIENS (HUMAN).//Q02218
 F-NT2RP4001498//HYPOTHETICAL 72.5 KD PROTEIN C2F7.10 IN CHROMOSOME I.//2.3e-24:137:37//
 55 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09701
 F-NT2RP4001502//HYPOTHETICAL 24.7 KD PROTEIN IN POM152-REC114 INTERGENIC REGION.//6.0e-22:
 148:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40206
 F-NT2RP4001507//CUTICLE COLLAGEN 40.//0.00029:166:31//CAENORHABDITIS ELEGANS.//P34804

F-NT2RP4001524//LACTOCOCCIN A IMMUNITY PROTEIN.//0.74:96:30//LACTOCOCCUS LACTIS (SUBSP. LACTIS) (STREPTOCOCCUS LACTIS), AND LACTOCOCCUS LACTIS (SUBSP. CREMORIS) (STREPTOCOCCUS CREMORIS).//Q00561
 5 F-NT2RP4001529//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIVITY) (TRANSCRIPTION FACTOR NTF-1).//2.8e-06:79:41//DROSOPHILA MELANOGASTER (FRUIT FLY).//P13002
 F-NT2RP4001547//HYPOTHETICAL 45.0 KD PROTEIN IN NOT1/CDC39-HMR INTERGENIC REGION.//5.4e-34:88:46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P25656
 10 F-NT2RP4001551//CELL DIVISION CONTROL PROTEIN 68.//1.5e-18:243:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32558
 F-NT2RP4001555//PUTATIVE ENDONUCLEASE VIII (EC 3.2.-.-).//0.00030:158:24//MYCOBACTERIUM TUBERCULOSIS.//P96902
 F-NT2RP4001567//IMPORTIN ALPHA-1 SUBUNIT (KARYOPHERIN ALPHA-1 SUBUNIT).//0.00013:147:29//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P52170
 15 F-NT2RP4001568//HYPOTHETICAL PROTEIN KIAA0041 (FRAGMENT).//8.0e-22:119:42//HOMO SAPIENS (HUMAN).//Q15057
 F-NT2RP4001571//NEUROMODULIN (AXONAL MEMBRANE PROTEIN GAP-43) (PP46) (B-50) (PROTEIN F1) (CALMODULIN-BINDING PROTEIN P-57).//0.012:167:28//BOS TAURUS (BOVINE).//P06836
 F-NT2RP4001574//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//6.8e-115:208:98//BOS TAURUS (BOVINE).//P53620
 20 F-NT2RP4001575//M-RELATED PROTEIN PRECURSOR.//0.22:184:25//STREPTOCOCCUS PYOGENES.//P16946
 F-NT2RP4001592//ISOLEUCYL-TRNA SYNTHETASE (EC 6.1.1.5) (ISOLEUCINE-TRNA LIGASE) (ILERS).//7.4e-45:229:39//SYNECHOCYSTIS SP. (STRAIN PCC 6803).//P73505
 25 F-NT2RP4001610//APOLIPOPROTEIN C-III PRECURSOR (APO-CIII).//0.41:74:28//SUS SCROFA (PIG).//P27917
 F-NT2RP4001614//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//1.0:29:37//HOMO SAPIENS (HUMAN).//P02811
 F-NT2RP4001634//MYOSIN HEAVY CHAIN, PERINATAL SKELETAL MUSCLE (FRAGMENT).//0.16:233:23//RATTUS NORVEGICUS (RAT).//P04462
 30 F-NT2RP4001638//DNA REPAIR/TRANSCRIPTION PROTEIN MET18/34MS19.//4.2e-21:249:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40469
 F-NT2RP4001644//MYOSIN LIGHT CHAIN KINASE (EC 2.7.1.117) (MLCK).//4.5e-18:111:44//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P25323
 35 F-NT2RP4001656//HYPOTHETICAL 108.5 KD PROTEIN R06F6.2 IN CHROMOSOME II.//3.4e-13:175:32//CAENORHABDITIS ELEGANS.//Q09600
 F-NT2RP4001677//HYPOTHETICAL 73.6 KD PROTEIN CY49.21.//0.065:66:43//MYCOBACTERIUM TUBERCULOSIS.//Q10690
 F-NT2RP4001679//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.3e-36:103:72//HOMO SAPIENS (HUMAN).//P39194
 40 F-NT2RP4001696//PHOTOSYSTEM II REACTION CENTRE J PROTEIN.//0.93:37:37//CHLORELLA VULGARIS.//P56338
 F-NT2RP4001725//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT.//4.3e-11:128:32//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10282
 45 F-NT2RP4001730//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-) (DUGT).//4.1e-22:201:27//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q09332
 F-NT2RP4001739//HOMEBOX PROTEIN HOX-A10 (HOX-1H) (HOX-1.8) (PL).//1.0:67:34//HOMO SAPIENS (HUMAN).//P31260
 F-NT2RP4001753//ZINC FINGER PROTEIN 10 (ZINC FINGER PROTEIN KOX1) (FRAGMENT).//1.2e-19:72:62//HOMO SAPIENS (HUMAN).//P21506
 50 F-NT2RP4001760//BREAKPOINT CLUSTER REGION PROTEIN.//1.8e-13:179:28//HOMO SAPIENS (HUMAN).//P11274
 F-NT2RP4001790//ZINC FINGER PROTEIN 38 (ZFP-38) (CTFIN51) (TRANSCRIPTION FACTOR RU49).//7.9e-38:147:49//MUS MUSCULUS (MOUSE).//Q07231
 55 F-NT2RP4001803//CUTICLE COLLAGEN 12 PRECURSOR.//0.40:48:39//CAENORHABDITIS ELEGANS.//P20630
 F-NT2RP4001822//NOVEL ANTIGEN 2 (NAG-2).//2.7e-27:173:36//HOMO SAPIENS (HUMAN).//O14817
 F-NT2RP4001823//PUTATIVE CUTICLE COLLAGEN F09G8.6.//3.3e-16:152:42//CAENORHABDITIS ELE-

GANS.//P34391
 F-NT2RP4001828//HOLIN.//0.99:33:36//BACTERIOPHAGE HP1.//P51727
 F-NT2RP4001838//METASTASIS-ASSOCIATED PROTEIN MTA1.//1.2e-07:95:31//HOMO SAPIENS (HUMAN).//
 Q13330
 5 F-NT2RP4001841//INTESTINAL MUCIN-LIKE PROTEIN (MLP) (FRAGMENT).//0.94:141:22//RATTUS NOR-
 VEGICUS (RAT).//P98089
 F-NT2RP4001849//SH3-BINDING PROTEIN 3BP-1.//5.6e-52:276:45//MUS MUSCULUS (MOUSE).//P55194
 F-NT2RP4001861//HYPOTHETICAL 10.6 KD PROTEIN IN GALE-PEPT INTERGENIC REGION.//0.92:39:51//
 BACILLUS SUBTILIS.//P55185
 10 F-NT2RP4001889//HYPOTHETICAL BHLF1 PROTEIN.//0.32:97:31//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 (HUMAN HERPESVIRUS 4).//P03181
 F-NT2RP4001893//2-5A-DEPENDENT RIBONUCLEASE (EC 3.1.26.-) (2-5A-DEPENDENT RNAASE) (RNASE
 L) (RIBONUCLEASE 4) (FRAGMENT).//3.6e-07:124:29//MUS MUSCULUS (MOUSE).//Q05921
 F-NT2RP4001896//HYPOTHETICAL 89.4 KD TRP-ASP REPEATS CONTAINING PROTEIN IN PMT6-PCT1
 15 INTERGENIC REGION.//3.9e-10:210:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P42935
 F-NT2RP4001901//ACROSIN PRECURSOR (EC 3.4.21.10).//2.4e-07:53:45//ORYCTOLAGUS CUNICULUS
 (RABBIT).//P48038
 F-NT2RP4001927//MICROTUBULE-ASSOCIATED PROTEIN YTM1.//3.1e-19:170:32//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//Q12024
 20 F-NT2RP4001938//ZINC FINGER PROTEIN MOK-2.//1.3e-28:72:50//MUS MUSCULUS (MOUSE).//P24399
 F-NT2RP4001946//PROTEIN-L-ISOASPARTATE O-METHYLTRANSFERASE (EC 2.1.1.77) (PROTEIN- BETA-
 ASPARTATE METHYLTRANSFERASE) (PIMT) (PROTEIN L-ISOASPARTYL METHYLTRANSFERASE) (L-ISO-
 ASPARTYL PROTEIN CARBOXYL METHYLTRANSFERASE).//4.8e-14:183:30//TRITICUM AESTIVUM
 (WHEAT).//Q43209
 25 F-NT2RP4001950//HYPOTHETICAL PROTEIN ORF-1137.//3.7e-07:115:29//MUS MUSCULUS (MOUSE).//
 P11260
 F-NT2RP4001953
 F-NT2RP4001966//WALL-ASSOCIATED PROTEIN PRECURSOR.//0.13:151:27//BACILLUS SUBTILIS.//
 Q07833
 30 F-NT2RP4001975//FIBRIL-FORMING COLLAGEN ALPHA CHAIN.//0.00031:190:31//RIFTIA PACHYPTILA
 (TUBE WORM).//P30754
 F-NT2RP4002018//RING CANAL PROTEIN (KELCH PROTEIN).//3.5e-18:185:29//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-NT2RP4002047//GTP-BINDING PROTEIN GUF1 (GTPASE GUF1).//4.0e-49:158:65//SACCHAROMYCES
 35 CEREVISIAE (BAKER'S YEAST).//P46943
 F-NT2RP4002052//HYPOTHETICAL 54.3 KD PROTEIN C23D3.03C IN CHROMOSOME I.//0.0047:148:27//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09844
 F-NT2RP4002058//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE F56D2.6.//
 0.057:66:30//CAENORHABDITIS ELEGANS.//Q20875
 40 F-NT2RP4002071//VERY HYPOTHETICAL 13.2 KD PROTEIN CY251.09.//0.94:45:46//MYCOBACTERIUM TU-
 BERCULOSIS.//Q10888
 F-NT2RP4002075//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN).//0.44:36:38//HUMAN IMM-
 NODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1).//P18804
 F-NT2RP4002078//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//2.6e-19:46:76//HO-
 45 MO SAPIENS (HUMAN).//Q05481
 F-NT2RP4002081//MHC CLASS II REGULATORY FACTOR RFX1 (RFX) (ENHANCER FACTOR C) (EF-C).//
 2.8e-05:196:31//HOMO SAPIENS (HUMAN).//P22670
 F-NT2RP4002083//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//0.0064:29:55//OWENIA FUSI-
 FORMIS.//P21260
 50 F-NT2RP4002408//PROTEIN KINASE CEK1 (EC 2.7.1.-).//1.1e-37:159:53//SCHIZOSACCHAROMYCES
 POMBE (FISSION YEAST).//P38938
 F-NT2RP4002791//30S RIBOSOMAL PROTEIN S20.//1.0:73:26//HELICOBACTER PYLORI (CAMPYLO-
 BACTER PYLORI).//P56027
 F-NT2RP4002888//HYPOTHETICAL PROTEIN TP0352.//0.98:52:26//TREPONEMA PALLIDUM.//O83371
 55 F-NT2RP4002905//G2/MITOTIC-SPECIFIC CYCLIN S13-7 (B-LIKE CYCLIN) (FRAGMENT).//5.9e-05:138:27//
 GLYCINE MAX (SOYBEAN).//P25012
 F-NT2RP5003459//HOMEBOX PROTEIN HOX-A3 (HOX-1.5) (MO-10).//0.027:40:40//MUS MUSCULUS
 (MOUSE).//P02831

F-NT2RP5003461//HYPOTHETICAL PROTEIN C22F3.14C IN CHROMOSOME I (FRAGMENT)//1.1e-12:142:35//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q09779
 F-NT2RP5003477//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1//5.3e-13:215:28//PODOSPORA ANSERINA//Q00808
 5 F-NT2RP5003492//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//0.0055:144:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P08640
 F-NT2RP5003500//PROLINE-RICH PROTEIN MP-2 PRECURSOR//9.0e-05:103:38//MUS MUSCULUS (MOUSE)//P05142
 10 F-NT2RP5003506//MALE SPECIFIC SPERM PROTEIN MST87F//0.53:21:38//DROSOPHILA MELANOGASTER (FRUIT FLY)//P08175
 F-NT2RP5003512//HYPOTHETICAL PROTEIN IN CYCB 3'REGION PRECURSOR (ORF2) (FRAGMENT)//0.92:49:32//PARACOCCLUS DENITRIFICANS//P29969
 F-NT2RP5003522//NADPH-CYTOCHROME P450 REDUCTASE (EC 1.6.2.4) (CPR)//2.7e-18:165:39//PHASEOLUS AUREUS (MUNG BEAN) (VIGNA RADIATA)//P37116
 15 F-NT2RP5003524//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS)//6.0e-08:125:41//RATTUS NORVEGICUS (RAT)//P02454
 F-NT2RP5003534//ATP SYNTHASE, SUBUNIT F (EC 3.6.1.34)//0.88:37:45//HALOBACTERIUM VOLCANII (HALOFERAX VOLCANII)//Q48331
 20 F-OVARC1000001//GAR22 PROTEIN//1.9e-05:41:58//HOMO SAPIENS (HUMAN)//Q99501
 F-OVARC1000004//70 KD EXOCYST COMPLEX PROTEIN//3.7e-08:186:25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P19658
 F-OVARC1000006//HISTONE H2A.1//4.7e-55:117:98//RATTUS NORVEGICUS (RAT)//P02262
 F-OVARC1000013//WD-REPEAT PROTEIN POP1//0.00022:126:28//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//P87060
 25 F-OVARC1000014//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//2.3e-05:220:30//GALLUS GALLUS (CHICKEN)//P02457
 F-OVARC1000017//CUTICLE COLLAGEN DPY-13//2.6e-05:97:30//CAENORHABDITIS ELEGANS//P17657
 F-OVARC1000035
 30 F-OVARC1000058//RAS-RELATED PROTEIN RABC//0.00015:110:24//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//P34143
 F-OVARC1000060//EXTRACELLULAR RIBONUCLEASE LE PRECURSOR (EC 3.1.27.1) (RNASE LE)//6.8e-09:60:45//LYCOPERSICON ESCULENTUM (TOMATO)//P80022
 F-OVARC1000068//CYTOTOXIN 4 (CARDIOTOXIN V-II-4)//1.0:27:44//NAJA MOSSAMBICA (MOZAMBIQUE COBRA)//P01452
 35 F-OVARC1000071//NUCLEAR TRANSPORT FACTOR 2 (NTF-2) (PLACENTAL PROTEIN 15) (PP15)//5.2e-06:115:29//HOMO SAPIENS (HUMAN), AND RATTUS NORVEGICUS (RAT)//P13662
 F-OVARC1000085
 F-OVARC1000087//HISTONE MACRO-H2A.1//1.2e-13:174:26//RATTUS NORVEGICUS (RAT)//Q02874
 40 F-OVARC1000091//OCTAPEPTIDE-REPEAT PROTEIN T2//0.0013:137:32//MUS MUSCULUS (MOUSE)//Q06666
 F-OVARC1000092//MITOCHONDRIAL RIBOSOMAL PROTEIN S7//0.97:46:39//ACANTHAMOEBA CASTELLANII (AMOEBEBA)//P46756
 F-OVARC1000106//HYPOTHETICAL 141.5 KD PROTEIN IN YPT53-RHO2 INTERGENIC REGION//0.0012:165:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53935
 45 F-OVARC1000109//PROLINE RICH 33 KD EXTENSIN-RELATED PROTEIN PRECURSOR (FRAGMENT)//0.18:35:34//DAUCUS CAROTA (CARROT)//P06600
 F-OVARC1000113//HYPOTHETICAL PROTEIN C18//1.0:26:26//SWINEPOX VIRUS (STRAIN KASZA) (SPV)//P32217
 50 F-OVARC1000114//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.6e-28:57:63//HOMO SAPIENS (HUMAN)//P39194
 F-OVARC1000133
 F-OVARC1000139//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUITOUS NUCLEAR PROTEIN HOMOLOG)//1.9e-09:200:29//HOMO SAPIENS (HUMAN)//Q13107
 55 F-OVARC1000145//HOMEODOMAIN PROTEIN DLX-3//1.0:65:30//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA DANIO)//Q01702
 F-OVARC1000148//HYPHAL WALL PROTEIN 1 (CELL ELONGATION PROTEIN 2)//0.12:175:29//CANDIDA AL-

BICANS (YEAST).//P46593
 F-OVARC1000151//HYPOTHETICAL PROTEIN KIAA0161.//5.6e-20:197:30//HOMO SAPIENS (HUMAN).//
 P50876
 F-OVARC1000168//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0030:77:38//HOMO SAPIENS (HUMAN).//
 5 P39188
 F-OVARC1000191//COLANIC ACID BIOSYNTHESIS PROTEIN WCAH.//0.95:56:35//ESCHERICHIA COLI.//
 P32056
 F-OVARC1000198//HISTONE H1.C2.//0.96:70:25//TRYPANOSOMA CRUZI.//P40268
 F-OVARC1000209//HYPOTHETICAL 20.9 KD PROTEIN IN PLB1-HXT2 INTERGENIC REGION.//2.5e-33:178:
 10 44//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q03677
 F-OVARC1000212//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//1.7e-05:66:46//MUS MUSCULUS
 (MOUSE).//P05142
 F-OVARC1000240//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.8e-10:41:78//HOMO SAPIENS (HUMAN).//
 P39193
 15 F-OVARC1000241//ENDOTHELIAL PAS DOMAIN PROTEIN 1 (EPAS-1) (HIF-1 ALPHA-LIKE FACTOR) (MHLF)
 (HIF-RELATED FACTOR) (HRF).//7.4e-54:177:54//MUS MUSCULUS (MOUSE).//P97481
 F-OVARC1000288//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION.//2.9e-20:115:
 45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38821
 F-OVARC1000302//CORTICOSTEROID-BINDING GLOBULIN PRECURSOR (CBG) (TRANSCORTIN).//1.0:79:
 20 25//MUS MUSCULUS (MOUSE).//Q06770
 F-OVARC1000304//PROTEIN MOV-10.//1.6e-79:181:83//MUS MUSCULUS (MOUSE).//P23249
 F-OVARC1000309//THREONINE SYNTHASE (EC 4.2.99.2).//6.9e-36:156:42//ASHBYA GOSSYPII (EREMOTH-
 ECIUM GOSSYPII).//Q00063
 F-OVARC1000321//HYPOTHETICAL 28.1 KD PROTEIN C4F8.03 IN CHROMOSOME I.//5.2e-45:159:53//
 25 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14179
 F-OVARC1000326//BASIC PROLINE-RICH PEPTIDE IB-1.//0.036:67:35//HOMO SAPIENS (HUMAN).//P04281
 F-OVARC1000335//HYPOTHETICAL 39.3 KD PROTEIN IN GCN4-WBP1 INTERGENIC REGION.//1.2e-16:200:
 27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40004
 F-OVARC1000347//HYPOTHETICAL 7.6 KD PROTEIN YCF33.//0.69:41:43//CYANOPHORA PARADOXA.//
 30 P48273
 F-OVARC1000384//ANTIFREEZE PEPTIDE 4 PRECURSOR.//0.98:49:34//PSEUDOPLEURONECTA AMERI-
 CANUS (WINTER FLOUNDER).//P02734
 F-OVARC1000408//INTEGUMENTARY MUCIN C.1 (FIM-C.1) (FRAGMENT).//8.1e-05:115:33//XENOPUS LAE-
 VIS (AFRICAN CLAWED FROG).//Q05049
 35 F-OVARC1000411//DYNACTIN, 150 KD ISOFORM (150 KD DYNEIN-ASSOCIATED POLYPEPTIDE) (DP-150)
 (DAP-150) (P150-GLUED).//0.00076:100:29//RATTUS NORVEGICUS (RAT).//P28023
 F-OVARC1000414//HYPOTHETICAL 7.0 KD PROTEIN IN BLTR-SPOIIC INTERGENIC REGION.//1.0:46:34//
 BACILLUS SUBTILIS.//P54431
 F-OVARC1000420//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT).//0.0028:97:
 40 37//HOMO SAPIENS (HUMAN).//P25067
 F-OVARC1000427//HYPOTHETICAL 13.9 KD PROTEIN IN PRFA-SPOIIR INTERGENIC REGION.//0.70:21:47//
 BACILLUS SUBTILIS.//P39150
 F-OVARC1000431
 F-OVARC1000437//TENSIN.//9.2e-42:195:52//GALLUS GALLUS (CHICKEN).//Q04205
 45 F-OVARC1000440//PINCH PROTEIN (PARTICULARY INTERESTING NEW CYS-HIS PROTEIN).//3.4e-31:37:
 97//HOMO SAPIENS (HUMAN).//P48059
 F-OVARC1000442
 F-OVARC1000443//CUTICLE COLLAGEN 2C (FRAGMENT).//0.0056:163:34//HAEMONCHUS CONTORTUS.//
 P16252
 50 F-OVARC1000461//FIXU PROTEIN.//0.36:36:44//RHIZOBIUM LEGUMINOSARUM (BIOVAR TRIFOLII).//
 P42710
 F-OVARC1000465//PROTEIN TRANSPORT PROTEIN SEC7.//2.4e-14:222:26//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P11075
 F-OVARC1000466//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/2.3e-08:29:93//HOMO SAPIENS (HUMAN).//
 55 P39192
 F-OVARC1000473//DUAL SPECIFICITY PROTEIN PHOSPHATASE 7 (EC 3.1.3.48) (EC 3.1.3.16) (DUAL SPE-
 CIFICITY PROTEIN PHOSPHATASE MKP-X) (FRAGMENT).//2.8e-06:96:36//RATTUS NORVEGICUS (RAT).//
 Q63340

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F-OVARC1000479//PHOTOSYSTEM I REACTION CENTRE SUBUNIT X (PSI-K)//0.99:48:37//CYANIDIUM
CALDARIUM (GALDIERIA SULPHURARIA)//P31567 F-OVARC1000486
F-OVARC1000496//HYPOTHETICAL PROTEIN MJ1213//1.0:62:32//METHANOCOCCUS JANNASCHII//
Q58610
5 F-OVARC1000520//MEROZOITE SURFACE PROTEIN CMZ-8 (FRAGMENT)//0.0011:66:40//EIMERIA ACER-
VULINA//P09125
F-OVARC1000526//PROTEIN Q300//1.2e-05:51:43//MUS MUSCULUS (MOUSE)//Q02722
F-OVARC1000533//NEURONAL PROTEIN 3.1 (P311 PROTEIN)//0.74:43:41//HOMO SAPIENS (HUMAN)//
Q16612
10 F-OVARC1000543//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-
UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOS-
AMINYLTRANSFERASE) (GALNAC-T1)//2.3e-23:192:35//HOMO SAPIENS (HUMAN)//Q10472
F-OVARC1000556
F-OVARC1000557//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.6e-08:80:47//HOMO SAPIENS (HUMAN)//
15 P39188
F-OVARC1000564//VPX PROTEIN (X ORF PROTEIN) (VIRAL ACCESSORY PROTEIN)//0.45:32:50//HUMAN
IMMUNODEFICIENCY VIRUS TYPE 2 (ISOLATE D194) (HIV-2)//P17760
F-OVARC1000573
F-OVARC1000576//BETA-DEFENSIN 1 (BNDB-1)//0.47:29:41//BOS TAURUS (BOVINE)//P46159
20 F-OVARC1000578//COLLAGEN ALPHA 1(II) CHAIN (FRAGMENTS)//0.023:96:36//BOS TAURUS (BOVINE)//
P02459
F-OVARC1000588//MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L3//0.75:57:29//HOMO SAPIENS (HU-
MAN)//P09001
F-OVARC1000605//AUTOLYSIN PRECURSOR (EC 3.4.24.38) (GAMETE LYTIC ENZYME) (GLE)//0.91:134:28//
25 CHLAMYDOMONAS REINHARDTII//P31178
F-OVARC1000622//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.6e-36:100:80//HOMO SAPIENS (HU-
MAN)//P39189
F-OVARC1000640//HYPOTHETICAL 8.5 KD PROTEIN YCF40 (ORF73)//0.96:34:38//ODONTELLA SINENSIS//
P49535
30 F-OVARC1000649//ANTHER-SPECIFIC PROTEIN SF18 PRECURSOR (FRAGMENT)//0.0036:64:37//HELIAN-
THUS ANNUUS (COMMON SUNFLOWER)//P22357
F-OVARC1000661//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENTS)//0.21:53:47//RATTUS NORVEGICUS
(RAT)//P02466
F-OVARC1000678//BACTERIOCIN MICROGIN B17 PRECURSOR (MCB17)//1.0:17:58//ESCHERICHIA COLI//
35 P05834
F-OVARC1000679//DNA-DIRECTED RNA POLYMERASE OMEGA CHAIN (EC 2.7.7.6) (TRANSCRIPTASE
OMEGA CHAIN) (RNA POLYMERASE OMEGA SUBUNIT)//0.096:67:29//ESCHERICHIA COLI//P08374
F-OVARC1000681//PROTEIN Q300//0.72:16:43//MUS MUSCULUS (MOUSE)//Q02722
F-OVARC1000682//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B)//
40 7.6e-70:102:99//MUS MUSCULUS (MOUSE)//P39098
F-OVARC1000689//CADIUM-METALLOTHIONEIN (CD-MT)//0.032:30:40//HELIX POMATIA (ROMAN SNAIL)
(EDIBLE SNAIL)//P33187
F-OVARC1000700//BRAIN NEURON CYTOPLASMIC PROTEIN 2//0.17:60:40//RATTUS NORVEGICUS (RAT)//
P02684
45 F-OVARC1000703//BASIC PROLINE-RICH PEPTIDE P-E (IB-9)//0.57:42:42//HOMO SAPIENS (HUMAN)//
P02811
F-OVARC1000722//N-ACETYLLACTOSAMINE SYNTHASE (EC 2.4.1.90) (N-ACETYLGALACTOSAMINE (BETA
1->4) GALACTOSYLTRANSFERASE) (EC 2.4.1.38) (LACTOSE SYNTHASE A PROTEIN (EC 2.4.1.22)) (GA-
LACTOSYLTRANSFERASE) (GT)//1.1e-20:44:70//BOS TAURUS (BOVINE)//P08037
50 F-OVARC1000730//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III//5.2e-29:224:36//
CAENORHABDITIS ELEGANS//Q18262
F-OVARC1000746//MATERNAL EFFECT PROTEIN STAUFEN//6.2e-12:78:48//DROSOPHILA MELA-
NOGASTER (FRUIT FLY)//P25159
F-OVARC1000769
55 F-OVARC1000771//RAS-RELATED PROTEIN RAB-2//1.1e-46:121:79//HOMO SAPIENS (HUMAN), AND CANIS
FAMILIARIS (DOG)//P08886
F-OVARC1000781//HOMEBOX PROTEIN GBX-2 (GASTRULATION AND BRAIN-SPECIFIC HOMEBOX
PROTEIN 2)//0.81:36:52//HOMO SAPIENS (HUMAN)//P52951

F-OVARC1000787//40S RIBOSOMAL PROTEIN S14 (FRAGMENT)//0.96:37:48//SUS SCROFA (PIG)//Q29303
 F-OVARC1000800//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.5e-31:47:82//HOMO SAPIENS (HUMAN)//
 P39189
 5 F-OVARC1000802//HYPOTHETICAL 8.8 KD PROTEIN B0302.2 IN CHROMOSOME X//0.16:55:40//
 CAENORHABDITIS ELEGANS//Q10926
 F-OVARC1000834//SERINE/THREONINE-PROTEIN KINASE PAK-ALPHA (EC 2.7.1.-) (P68-PAK) (P21- ACTI-
 VATED KINASE) (ALPHA-PAK) (PROTEIN KINASE MUK2)//0.87:140:31//RATTUS NORVEGICUS (RAT)//
 P35465
 10 F-OVARC1000846//NUCLEOLIN (PROTEIN C23)//7.0e-07:109:30//MESOCRICETUS AURATUS (GOLDEN
 HAMSTER)//P08199
 F-OVARC1000850//HYPOTHETICAL 56.2 KD PROTEIN IN ERG8-UBP8 INTERGENIC REGION//6.9e-09:180:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//Q04991
 F-OVARC1000862//UBIQUITIN-CONJUGATING ENZYME E2-17.5 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN
 15 LIGASE) (UBIQUITIN CARRIER PROTEIN)//0.0020:74:28//SACCHAROMYCES CEREVISIAE (BAKER'S
 YEAST)//P52490
 F-OVARC1000876//MOB1 PROTEIN (MPS1 BINDER 1)//9.8e-39:154:55//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P40484
 F-OVARC1000883//METALLOTHIONEIN-I//0.87:38:36//CANDIDA GLABRATA (YEAST) (TORULOPSIS GLA-
 20 BRATA)//P15113
 F-OVARC1000885//OXIDOREDUCTASE UCPA (EC 1.-.-.-)//2.8e-18:170:34//ESCHERICHIA COLI//P37440
 F-OVARC1000886//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT)//0.00033:60:45//BOS TAURUS (BOVINE)//
 P02465
 F-OVARC1000890//PROBABLE E5 PROTEIN//0.92:7:71//HUMAN PAPILLOMAVIRUS TYPE 70//P50774
 25 F-OVARC1000891//HYPOTHETICAL 8.3 KD PROTEIN (ORF5)//1.0:36:36//PARAMECIUM TETRAURELIA//
 P15606
 F-OVARC1000897//HYPOTHETICAL 6.1 KD PROTEIN PRECURSOR (ORF87)//1.0:34:44//ORGYIA PSEU-
 DOTSUGATA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV)//O10337
 F-OVARC1000912//PUTATIVE CUTICLE COLLAGEN C09G5.4//4.0e-07:98:35//CAENORHABDITIS ELE-
 30 GANS//Q09455
 F-OVARC1000915//HYPOTHETICAL PROTEIN KIAA0288 (HA6116)//1.7e-47:115:76//HOMO SAPIENS (HU-
 MAN)//P56524
 F-OVARC1000924//CYTOCHROME B (EC 1.10.2.2) (FRAGMENT)//0.99:54:24//BOA CONSTRICTOR (BOA)//
 P92848
 35 F-OVARC1000936//HYPOTHETICAL 7.5 KD PROTEIN IN INAA-GLPQ INTERGENIC REGION//1.0:48:33//ES-
 CHERICHIA COLI//P45505
 F-OVARC1000937//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//1.0:135:31//HOMO SAPIENS (HU-
 MAN)//P02452
 F-OVARC1000945//EARLY E1A 11 KD PROTEIN//0.087:81:24//MOUSE ADENOVIRUS TYPE 1 (MAV-1)//
 P12533
 40 F-OVARC1000948
 F-OVARC1000959//HYPOTHETICAL PROTEIN MJ0933//0.99:67:28//METHANOCOCCUS JANNASCHII//
 Q58343
 F-OVARC1000960//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.8e-32:56:75//HOMO SAPIENS (HUMAN)//
 P39193
 45 F-OVARC1000964//MAMBIN (GLYCOPROTEIN IIB-IIA ANTAGONIST) (PLATELET AGGREGATION INHIBITOR)
 (DENDROASPIN)//1.0:30:36//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMESON'S MAMBA)//
 P28375
 F-OVARC1000971
 F-OVARC1000984//HYPOTHETICAL 52.3 KD PROTEIN IN MRPL10-ERG24 INTERGENIC REGION PRECUR-
 50 SOR//0.093:36:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P53832
 F-OVARC1000996//MO25 PROTEIN//1.9e-39:80:95//MUS MUSCULUS (MOUSE)//Q06138
 F-OVARC1000999//BRAIN-SPECIFIC HOMEBOX/POU DOMAIN PROTEIN 1 (BRN-1 PROTEIN)//0.00020:50:
 40//HOMO SAPIENS (HUMAN)//P20264
 F-OVARC1001000//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/1.4e-16:43:90//HOMO SAPIENS (HUMAN)//
 55 P39195
 F-OVARC1001004//MALE SPECIFIC SPERM PROTEIN MST84DA//0.95:33:42//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01642
 F-OVARC1001010//HYPOTHETICAL PROTEIN MJ0926//0.50:71:23//METHANOCOCCUS JANNASCHII//

Q58336
 F-OVARC1001011//CORTISTATIN PRECURSOR.//0.81:45:37//RATTUS NORVEGICUS (RAT).//Q62949
 F-OVARC1001032//FERREDOXIN LIKE PROTEIN.//1.0:26:46//RHIZOBIUM LEGUMINOSARUM (BIOVAR PHA-
 SEOLI).//Q05561
 5 F-OVARC1001034//METALLOTHIONEIN-IG (MT-1G).//0.14:9:77//HOMO SAPIENS (HUMAN).//P13640
 F-OVARC1001038//NUCLEOLIN (PROTEIN C23).//3.2e-07:36:80//HOMO SAPIENS (HUMAN).//P19338
 F-OVARC1001040//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.5e-18:45:60//HOMO SAPIENS (HUMAN).//
 P39194
 F-OVARC1001044//BIS(5'-NUCLEOSYL)-TETRAPHOSPHATASE (SYMMETRICAL) (EC 3.6.1.41) (DIADENOS-
 10 INE TETRAPHOSPHATASE).//0.88:43:39//ESCHERICHIA COLI.//P05637
 F-OVARC1001051//SERINE PROTEINASE STUBBLE (EC 3.4.21.-) (STUBBLE-STUBBLOID PROTEIN).//0.34:
 117:25//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q05319
 F-OVARC1001055//PRE-B CELL ENHANCING FACTOR PRECURSOR.//1.6e-33:43:97//HOMO SAPIENS (HU-
 MAN).//P43490
 15 F-OVARC1001062
 F-OVARC1001065//METHIONYL-TRNA SYNTHETASE (EC 6.1.1.10) (METHIONINE-TRNA LIGASE)
 (METRS).//0.79:76:39//BORRELIA BURGDORFERI (LYME DISEASE SPIROCHETE).//Q44951
 F-OVARC1001068//GTP-BINDING PROTEIN ERA HOMOLOG (FRAGMENT).//5.3e-15:100:44//BRADYRHIZO-
 BIUM JAPONICUM.//O69162
 20 F-OVARC1001072//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.0076:41:56//HOMO SAPIENS (HUMAN).//
 P39188
 F-OVARC1001074//60S RIBOSOMAL PROTEIN L38.//1.0:32:40//LYCOPERSICON ESCULENTUM (TOMATO).//
 P46291
 F-OVARC1001085//HYPOTHETICAL 126.5 KD PROTEIN C13F4.06 IN CHROMOSOME I.//0.73:135:25//
 25 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10197
 F-OVARC1001092//HYPOTHETICAL 51.2 KD PROTEIN IN PET54-DIE2 INTERGENIC REGION.//5.6e-05:30:
 56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P50079
 F-OVARC1001107//SHK1 KINASE-BINDING PROTEIN 1.//1.8e-08:52:51//SCHIZOSACCHAROMYCES POMBE
 (FISSION YEAST).//P78963
 30 F-OVARC1001113//DIAPHANOUS PROTEIN.//1.9e-33:218:35//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P48608
 F-OVARC1001117//GENE 7 PROTEIN.//0.68:12:50//SPIROPLASMA VIRUS 4 (SPV4).//P11339
 F-OVARC1001118
 F-OVARC1001129//30S RIBOSOMAL PROTEIN S17.//0.15:57:22//AQUIFEX AEOLICUS.//O66439
 35 F-OVARC1001154//GRANULINS PRECURSOR (ACROGRANIN).//2.3e-95:99:77//MUS MUSCULUS
 (MOUSE).//P28798
 F-OVARC1001161//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT.//0.17:87:34//ARABIDOPSIS
 THALIANA (MOUSE-EAR CRESS).//P49177
 F-OVARC1001162
 40 F-OVARC1001167//TRBD PROTEIN.//0.92:24:45//ESCHERICHIA COLI.//P41070
 F-OVARC1001169//FRUCTOSE-1,6-BISPHOSPHATASE (EC 3.1.3.11) (D-FRUCTOSE-1,6-BISPHOSPHATE
 1-PHOSPHOHYDROLASE) (FBPASE) (FRAGMENT).//0.82:35:40//MUS MUSCULUS (MOUSE).//P97323
 F-OVARC1001170//PROLINE-RICH PEPTIDE P-B.//0.17:27:37//HOMO SAPIENS (HUMAN).//P02814
 F-OVARC1001171//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00023:28:75//HOMO SAPIENS (HUMAN).//
 45 P39188
 F-OVARC1001173
 F-OVARC1001176//HYPOTHETICAL BHLF1 PROTEIN.//2.7e-05:158:31//EPSTEIN-BARR VIRUS (STRAIN
 B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-OVARC1001180//UBIQUITIN-LIKE PROTEIN DSK2.//1.4e-12:208:25//SACCHAROMYCES CEREVISIAE
 50 (BAKER'S YEAST).//P48510
 F-OVARC1001188//HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//3.3e-31:
 129:51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53215
 F-OVARC1001200//HYPOTHETICAL 49.0 KD PROTEIN IN NSP1-KAR2 INTERGENIC REGION.//0.018:148:26//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47057
 55 F-OVARC1001232//HYPOTHETICAL PROTEIN MJ1236.//2.5e-27:141:39//METHANOCOCCUS JANNASCHII.//
 Q58633
 F-OVARC1001240
 F-OVARC1001243

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F-OVARC1001244//RING3 PROTEIN (KIAA9001).//1.7e-13:37:91//HOMO SAPIENS (HUMAN).//P25440
 F-OVARC1001261//OCTAPEPTIDE-REPEAT PROTEIN T2.//1.3e-07:109:35//MUS MUSCULUS (MOUSE).//Q06666
 5 F-OVARC1001268//HYPOTHETICAL 57.4 KD PROTEIN IN PILT REGION (ORF4).//0.71:43:41//PSEUDOMONAS AERUGINOSA.//P24563
 F-OVARC1001270//HYPOTHETICAL 9.0 KD PROTEIN IN UVSW-UVSY INTERGENIC REGION.//1.0:44:29//BACTERIOPHAGE T4.//P32281
 F-OVARC1001271//HYPOTHETICAL 104.7 KD PROTEIN F23F12.8 IN CHROMOSOME III PRECURSOR.//0.00015:188:23//CAENORHABDITIS ELEGANS.//P46504
 10 F-OVARC1001282
 F-OVARC1001296//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31).//0.022:101:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38968
 F-OVARC1001306//HYPOTHETICAL 52.9 KD SERINE-RICH PROTEIN C11G7.01 IN CHROMOSOME I.//0.023:134:26//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O13695
 15 F-OVARC1001329//CHLOROPLAST TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT).//1.3e-14:150:28//ZEA MAYS (MAIZE).//P49133
 F-OVARC1001330
 F-OVARC1001339//RIBONUCLEOPROTEIN RB97D.//0.0013:55:38//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q02926
 20 F-OVARC1001341//HYPOTHETICAL 74.0 KD PROTEIN IN CAJ1-HOM3 INTERGENIC REGION.//4.9e-17:110:43//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40032
 F-OVARC1001342
 F-OVARC1001344//PREPROTEIN TRANSLOCASE SECE SUBUNIT.//0.99:39:23//STAPHYLOCOCCUS CARNOSUS.//P36253
 25 F-OVARC1001357//METALLOTHIONEIN.//0.99:28:42//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//Q05890
 F-OVARC1001360//LARGE PROLINE-RICH PROTEIN BAT2 (HLA-B-ASSOCIATED TRANSCRIPT 2).//0.86:109:31//HOMO SAPIENS (HUMAN).//P48634
 F-OVARC1001369//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT).//6.7e-05:124:36//BOS TAURUS (BOVINE).//P02465
 30 F-OVARC1001372//HYPOTHETICAL 34.5 KD PROTEIN IN CLCB-CLCD INTERGENIC REGION PRECURSOR.//0.75:33:48//PSEUDOMONAS PUTIDA, AND PSEUDOMONAS SP. (STRAIN B13).//Q47100
 F-OVARC1001376//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.8e-24:96:61//HOMO SAPIENS (HUMAN).//P39188
 35 F-OVARC1001381//MEMBRANE-ASSOCIATED ATPASE EPSILON CHAIN (EC 3.6.1.34) (SUL-ATPASE EPSILON).//0.96:46:39//SULFOLOBUS ACIDOCALDARIUS.//P23039
 F-OVARC1001391//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT).//0.00024:189:29//HOMO SAPIENS (HUMAN).//P10162
 F-OVARC1001399//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.062:18:77//HOMO SAPIENS (HUMAN).//P39195
 40 F-OVARC1001417//HYPOTHETICAL 157.0 KD PROTEIN C38C10.5 IN CHROMOSOME III.//0.010:185:23//CAENORHABDITIS ELEGANS.//Q03570
 F-OVARC1001419//A-TYPE INCLUSION PROTEIN (ATI).//0.50:135:28//CAMELPOX VIRUS (STRAIN CP-1).//Q05482
 45 F-OVARC1001425//COLLAGEN ALPHA 1(X) CHAIN PRECURSOR.//0.43:85:40//HOMO SAPIENS (HUMAN).//Q03692
 F-OVARC1001436//HYPOTHETICAL 11.4 KD PROTEIN (C4 PROTEIN).//0.031:100:30//TOMATO YELLOW LEAF CURL VIRUS (STRAIN AUSTRALIA) (TYLCV).//P36283
 F-OVARC1001442//HOMEBOX PROTEIN HTR-A2 (FRAGMENT).//1.0:32:34//HELOBDELLA TRISERIALIS (LEECH).//P17138
 50 F-OVARC1001453//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF).//0.74:19:47//MUS MUSCULUS (MOUSE).//P28184
 F-OVARC1001476//GTP-BINDING PROTEIN GTR2.//3.0e-12:114:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53290
 55 F-OVARC1001480//COLLAGEN ALPHA 2(VI) CHAIN PRECURSOR.//0.00019:134:32//MUS MUSCULUS (MOUSE).//Q02788
 F-OVARC1001489//HYPOTHETICAL PROTEIN HI1270.//0.98:30:43//HAEMOPHILUS INFLUENZAE.//P44149
 F-OVARC1001496//C-TERMINAL BINDING PROTEIN 2.//4.0e-65:132:100//HOMO SAPIENS (HUMAN).//

P56545
 F-OVARC1001506//POLYCYSTIN PRECURSOR (AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE
 PROTEIN 1).//3.2e-70:159:94//HOMO SAPIENS (HUMAN).//P98161
 F-OVARC1001525//FIBROBLAST GROWTH FACTOR INDUCIBLE PROTEIN 14 (FIN14).//1.0:36:33//MUS MUS-
 5 CULUS (MOUSE).//Q61077
 F-OVARC1001542//SMALL PROLINE-RICH PROTEIN 2B (SPR-2B).//0.69:57:33//HOMO SAPIENS (HUMAN).//
 P35325
 F-OVARC1001547
 F-OVARC1001555//NGG1-INTERACTING FACTOR 3.//7.6e-16:148:34//SACCHAROMYCES CEREVISIAE
 10 (BAKER'S YEAST).//P53081
 F-OVARC1001577//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35)
 (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN).//8.8e-38:94:81//GALLUS GALLUS (CHICKEN).//P30352
 F-OVARC1001600//GENE 7 PROTEIN.//0.80:38:39//SPIROPLASMA VIRUS SPV1-R8A2 B.//P15898
 F-OVARC1001610//DIACYLGLYCEROL CHOLINEPHOSPHOTRANSFERASE (EC 2.7.8.2) (SN-1,2- DIACYLG-
 15 LYCEROL CHOLINEPHOSPHOTRANSFERASE) (CHOPT).//1.6e-22:122:39//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P17898
 F-OVARC1001611
 F-OVARC1001615//HYPOTHETICAL 6.1 KD PROTEIN C03B1.10 IN CHROMOSOME X.//0.30:43:34//
 CAENORHABDITIS ELEGANS.//Q11116
 20 F-OVARC1001668//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.0e-19:45:82//HOMO SAPIENS (HUMAN).//
 P39192
 F-OVARC1001702//SOX-20 PROTEIN.//2.4e-28:71:83//HOMO SAPIENS (HUMAN).//O60248
 F-OVARC1001703//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-
 BINDING PROTEIN 1) (INTERFERON-GAMMA INDUCIBLE PROTEIN MAG-1).//0.00018:88:36//MUS MUSCU-
 25 LUS (MOUSE).//Q01514
 F-OVARC1001711//CORNIFIN B (SMALL PROLINE-RICH PROTEIN 1B) (SPR1B) (SPR1 B).//2.7e-05:98:32//
 MUS MUSCULUS (MOUSE).//Q62267
 F-OVARC1001713//ENDOZEPINE-RELATED PROTEIN PRECURSOR (MEMBRANE-ASSOCIATED DIAZEPAM
 BINDING INHIBITOR) (MA-DBI).//4.5e-20:46:67//BOS TAURUS (BOVINE).//P07106
 30 F-OVARC1001726//ALPHA-AMYLASE INHIBITOR PAIM I (PIG PANCREATIC ALPHA-AMYLASE INHIBITOR OF
 MICROBES I).//0.59:23:56//STREPTOMYCES OLIVACEOVIRIDIS (STREPTOMYCES CORCHORUSII).//
 P09921
 F-OVARC1001731//TROPOMYOSIN ALPHA CHAIN, SKELETAL MUSCLE.//2.1e-75:176:87//XENOPUS LAEVIS
 (AFRICAN CLAWED FROG).//Q01173
 35 F-OVARC1001745//GENE 11 PROTEIN.//0.31:36:52//SPIROPLASMA VIRUS SPV1-R8A2 B.//P15902
 F-OVARC1001762//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA- AMI-
 NO, ACETYLTRANSFERASE 1).//2.8e-23:197:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P12945
 F-OVARC1001766//FK506-BINDING NUCLEAR PROTEIN (PEPTIDYL-PROLYL CIS-TRANS ISOMERASE)
 40 (PPIASE) (EC 5.2.1.8) (PROLINE ROTAMASE) (NUCLEOLAR PROLINE ISOMERASE) (FKBP-70).//2.2e-06:99:
 40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38911
 F-OVARC1001767//33.2 KD PROTEIN IN DIND-RPH INTERGENIC REGION (ORF X).//0.99:113:27//ES-
 CHERICHIA COLI.//P23839
 F-OVARC1001768
 45 F-OVARC1001791//HYPOTHETICAL 63.3 KD PROTEIN IN MPT5-SAE2 INTERGENIC REGION.//0.090:75:32//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P46945
 F-OVARC1001795//HYPOTHETICAL 7.5 KD PROTEIN IN RPBA-GP46 INTERGENIC REGION.//0.81:21:38//
 BACTERIOPHAGE T4.//P07878
 F-OVARC1001802//PLECTOXIN VIII (PLT-VIII) (PLTVIII).//0.41:19:36//PLECTREURYS TRISTIS (SPIDER).//
 50 P36984
 F-OVARC1001805//60S RIBOSOMAL PROTEIN L40 (CEP52).//0.67:24:58//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P14796
 F-OVARC1001809//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS).//0.23:111:31//RATTUS NORVEGICUS
 (RAT).//P02454
 55 F-OVARC1001812//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.99:28:42//HALICHOERUS GRYPUS
 (GRAY SEAL).//P38592
 F-OVARC1001813//HYPOTHETICAL 9.9 KD PROTEIN.//0.41:36:30//VACCINIA VIRUS (STRAIN COPENHA-
 GEN).//P20562

F-OVARC1001820//HYPOTHETICAL PROTEIN ORF-1137.//0.80:58:29//MUS MUSCULUS (MOUSE).//P11260
 F-OVARC1001828
 F-OVARC1001846
 F-OVARC1001861//METALLOTHIONEIN (MT).//0.18:11:54//PLEURONECTES PLATESSA (PLAICE).//P07216
 5 F-OVARC1001873
 F-OVARC1001879//HYPOTHETICAL 55.9 KD PROTEIN EEED8.6 IN CHROMOSOME II.//2.3e-05:73:31//
 CAENORHABDITIS ELEGANS.//Q09296
 F-OVARC1001880//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC
 PEPTIDE P-F] (FRAGMENT).//2.4e-11:203:32//HOMO SAPIENS (HUMAN).//P02812
 10 F-OVARC1001883//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.3e-16:86:59//HOMO SAPIENS (HUMAN).//
 P39188
 F-OVARC1001900//HYPOTHETICAL 105.9 KD PROTEIN F22B7.5 IN CHROMOSOME III.//0.0053:48:47//
 CAENORHABDITIS ELEGANS.//P34408
 F-OVARC1001901
 15 F-OVARC1001911//40S RIBOSOMAL PROTEIN S28.//1.0:33:36//ARABIDOPSIS THALIANA (MOUSE-EAR
 CRESS).//P34789
 F-OVARC1001916//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 CIOGENITAL DYSPLASIA PROTEIN).//0.00082:114:27//HOMO SAPIENS (HUMAN).//P98174
 F-OVARC1001928//FERREDOXIN III (FDIII).//1.0:64:29//ANABAENA VARIABILIS.//P46050
 20 F-OVARC1001942//N-TERMINAL ACETYLTRANSFERASE 1 (EC 2.3.1.88) (AMINO-TERMINAL, ALPHA- AMI-
 NO, ACETYLTRANSFERASE 1).//3.0e-07:93:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P12945
 F-OVARC1001943//HYPOTHETICAL 62.2 KD PROTEIN ZK652.6 IN CHROMOSOME III.//1.7e-23:147:43//
 CAENORHABDITIS ELEGANS.//P34664
 25 F-OVARC1001949//ZINC FINGER PROTEIN 177.//2.0e-23:56:66//HOMO SAPIENS (HUMAN).//Q13360
 F-OVARC1001950//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.011:57:47//HOMO SAPIENS (HUMAN).//
 P39188
 F-OVARC1001987//SPERM PROTAMINE P1 (CYSTEINE-RICH PROTAMINE).//0.39:14:64//MUS MUSCULUS
 (MOUSE).//P02319
 30 F-OVARC1001989//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//2.4e-13:55:72//HOMO SAPIENS (HUMAN).//
 P39188
 F-OVARC1002044
 F-OVARC1002050//UTROPHIN (DYSTROPHIN-RELATED PROTEIN 1) (DRP1) (DRP).//3.6e-12:221:25//HOMO
 SAPIENS (HUMAN).//P46939
 35 F-OVARC1002066
 F-OVARC1002082
 F-OVARC1002107//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.99:149:24//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P25386
 F-OVARC1002112//HISTONE MACRO-H2A.1.//2.8e-64:133:98//RATTUS NORVEGICUS (RAT).//Q02874
 40 F-OVARC1002127//60S RIBOSOMAL PROTEIN L22.//0.0023:95:35//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P50887
 F-OVARC1002138//PROBABLE 26S PROTEASE SUBUNIT YTA6 (TAT-BINDING HOMOLOG 6).//6.4e-51:198:
 56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40328
 F-OVARC1002143
 45 F-OVARC1002156//HYPOTHETICAL 27.7 KD PROTEIN IN CPT1-SPC98 INTERGENIC REGION.//0.00010:64:
 34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53915
 F-OVARC1002158//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//8.2e-07:119:35//
 AUTOGRAPHIA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV).//P41479
 F-OVARC1002165//EBNA-6 NUCLEAR PROTEIN (EBNA-3C) (EBNA-4B).//0.00023:90:45//EPSTEIN-BARR VI-
 50 RUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03204
 F-OVARC1002182//HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHRO-
 MOSOME II.//1.3e-34:165:35//CAENORHABDITIS ELEGANS.//Q18964
 F-PLACE1000004//HYPOTHETICAL 180.2 KD PROTEIN C31A2.05C IN CHROMOSOME I.//8.8e-05:148:25//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09725
 55 F-PLACE1000005//PROTEIN Q300.//0.30:10:100//MUS MUSCULUS (MOUSE).//Q02722
 F-PLACE1000007//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3 (EC 3.1.2.15)
 (UBIQUITIN THIOLESTERASE) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE) (DEUBIQUITINATING EN-
 ZYME).//2.3e-39:134:62//CAENORHABDITIS ELEGANS.//P34547

F-PLACE1000014//52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO(SS-A))//
 0.00036:63:39//HOMO SAPIENS (HUMAN)//P19474
 F-PLACE1000031
 F-PLACE1000040//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.4e-12:97:41//HOMO SAPIENS (HUMAN)//
 5 P39194
 F-PLACE1000048//50S RIBOSOMAL PROTEIN L15 (FRAGMENT)//0.98:31:38//BACILLUS SP. (STRAIN C-
 125)//P38373
 F-PLACE1000050//COLLAGEN ALPHA 1(III) CHAIN//0.00062:190:33//BOS TAURUS (BOVINE)//P04258
 F-PLACE1000061//60S RIBOSOMAL PROTEIN L37A//6.4e-19:51:86//GALLUS GALLUS (CHICKEN)//P32046
 10 F-PLACE1000066//SSU72 PROTEIN//2.3e-39:165:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//
 P53538
 F-PLACE1000078//BAD PROTEIN (BCL-2 BINDING COMPONENT 6)//1.7e-06:21:95//HOMO SAPIENS (HU-
 MAN)//Q92934
 F-PLACE1000081//HOMEBOX PROTEIN HOX-A4 (HOX-1.4) (MH-3)//0.0053:146:33//MUS MUSCULUS
 15 (MOUSE)//P06798
 F-PLACE1000094
 F-PLACE1000133//TRANSCRIPTION FACTOR BTF3 (RNA POLYMERASE B TRANSCRIPTION FACTOR 3)//
 1.8e-62:158:81//HOMO SAPIENS (HUMAN)//P20290
 F-PLACE1000142//ENOYL-COA HYDRATASE, MITOCHONDRIAL PRECURSOR (EC 4.2.1.17) (SHORT CHAIN
 20 ENOYL-COA HYDRATASE) (SCEH) (ENOYL-COA HYDRATASE 1)//9.8e-12:104:34//HOMO SAPIENS (HU-
 MAN)//P30084
 F-PLACE1000184//AC PROTEIN//0.44:31:29//BACTERIOPHAGE T4//P18924
 F-PLACE1000185//HYPOTHETICAL GLYCINE-RICH 49.6 KD PROTEIN CY130.10C PRECURSOR//0.11:48:
 33//MYCOBACTERIUM TUBERCULOSIS//Q10637
 25 F-PLACE1000213//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE)//3.4e-05:194:26//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST)//P08640
 F-PLACE1000214
 F-PLACE1000236//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR//0.027:63:34//GALLUS GALLUS
 30 (CHICKEN)//P02457
 F-PLACE1000246//TEGUMENT PROTEIN (GENE 11 PROTEIN)//0.78:100:26//EQUINE HERPESVIRUS TYPE
 4 (STRAIN 1942) (EHV-4) (EQUINE HERPESVIRUS TYPE 1 SUBTYPE 2)//Q00039
 F-PLACE1000292
 F-PLACE1000308//EARLY NODULIN 75 (N-75) (NGM-75) (FRAGMENT)//0.049:28:42//MEDICAGO SATIVA
 35 (ALFALFA)//P11728
 F-PLACE1000332
 F-PLACE1000347//HYPOTHETICAL PROTEIN TP0420//0.15:24:54//TREPONEMA PALLIDUM//O83435
 F-PLACE1000374//LYSOZYME C (EC 3.2.1.17) (1,4-BETA-N-ACETILMURAMIDASE C)//1.0:63:25//ORYC-
 TOLAGUS CUNICULUS (RABBIT)//P16973
 40 F-PLACE1000380//MATING PROCESS PROTEIN MID2 (SERINE-RICH PROTEIN SMS1) (PROTEIN KINASE
 A INTERFERENCE PROTEIN)//0.018:169:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P36027
 F-PLACE1000383//MYOTUBULARIN//1.2e-65:215:57//HOMO SAPIENS (HUMAN)//Q13496
 F-PLACE1000401//ELASTIN PRECURSOR (TROPOELASTIN)//0.00023:145:30//MUS MUSCULUS
 (MOUSE)//P54320
 45 F-PLACE1000406//54 KD NUCLEAR RNA-BINDING PROTEIN (P54(NRB))//3.4e-27:90:63//HOMO SAPIENS
 (HUMAN)//Q15233
 F-PLACE1000420//7,8-DIHYDRO-8-OXOGUANINE TRIPHOSPHATASE (EC 3.1.6.-) (8-OXO-DGTPASE)//4.7e-
 07:134:29//MUS MUSCULUS (MOUSE)//P53368
 F-PLACE1000421//HYPOTHETICAL 8.8 KD PROTEIN C11D3.01C IN CHROMOSOME I//0.48:72:27//
 50 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10080
 F-PLACE1000424
 F-PLACE1000435
 F-PLACE1000444//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.0e-31:129:63//HOMO SAPIENS (HU-
 MAN)//P39195
 55 F-PLACE1000453//PROTEIN Q300//0.013:16:68//MUS MUSCULUS (MOUSE)//Q02722
 F-PLACE1000481//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//0.14:63:36//HOMO SAPIENS (HU-
 MAN)//P08547
 F-PLACE1000492//BASP1 PROTEIN//0.17:114:28//HOMO SAPIENS (HUMAN)//P80723

F-PLACE1000540
 F-PLACE1000547//MANNOSYLTRANSFERASE (EC 2.7.7.13) (ATP-MANNOSYLTRANSFERASE) (NDP-HEXOSE PYROPHOSPHORYLASE).//1.8e-21:87:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P41940
 5 F-PLACE1000562//HYPOTHETICAL PROTEIN MJ0562.//1.0:35:34//METHANOCOCCUS JANNASCHII.//Q57982
 F-PLACE1000564//ADRENAL SPECIFIC 30 KD PROTEIN (CLONE PG2).//0.13:66:37//HOMO SAPIENS (HUMAN).//P15803
 F-PLACE1000583//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.0e-45:192:47//HOMO SAPIENS (HUMAN).//P51522
 10 F-PLACE1000588//INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-BINDING PROTEIN 1).//5.3e-63:122:88//HOMO SAPIENS (HUMAN).//P32455
 F-PLACE1000596//RING CANAL PROTEIN (KELCH PROTEIN).//2.6e-12:120:38//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q04652
 15 F-PLACE1000599//EARLY E3B 12.7 KD PROTEIN PRECURSOR.//0.83:53:32//HUMAN ADENOVIRUS TYPE 12.//P36707
 F-PLACE1000610
 F-PLACE1000611//HYPOTHETICAL 33.6 KD PROTEIN IN MCK1-RPS19B INTERGENIC REGION.//9.4e-07:64:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P48558
 20 F-PLACE1000636//MALE STERILITY PROTEIN 2.//3.7e-09:83:43//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//Q08891
 F-PLACE1000653//PUTATIVE PHOSPHOACETYLGLUCOSAMINE MUTASE (EC 5.4.2.3) (ACETYLGLUCOSAMINE PHOSPHOMUTASE) (N-ACETYLGLUCOSAMINE-PHOSPHATE MUTASE).//1.9e-30:203:41//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09687
 25 F-PLACE1000656//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//0.0029:75:33//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-PLACE1000706//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1) (KRAB-ASSOCIATED PROTEIN 1).//1.1e-38:180:42//HOMO SAPIENS (HUMAN).//Q13263
 F-PLACE1000712//VERY HYPOTHETICAL 8.9 KD PROTEIN CY441.05 PRECURSOR.//0.93:49:34//MYCOBACTERIUM TUBERCULOSIS.//P71934
 30 F-PLACE1000716
 F-PLACE1000748//HYPOTHETICAL 10.4 KD PROTEIN IN SPAT 3'REGION (ORF-11).//0.90:53:37//SHIGELLA FLEXNERI.//P55794
 F-PLACE1000749//HYPOTHETICAL PROTEIN MG148.//0.0014:142:27//MYCOPLASMA GENITALIUM.//P47394
 35 F-PLACE1000755//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III.//1.1e-15:98:48//CAENORHABDITIS ELEGANS.//P34529
 F-PLACE1000769//VIGILIN.//0.51:60:33//GALLUS GALLUS (CHICKEN).//P81021
 F-PLACE1000785//PROBABLE COLD SHOCK PROTEIN CY15C10.04.//1.0:22:45//MYCOBACTERIUM TUBERCULOSIS.//O06360
 40 F-PLACE1000786//HYPOTHETICAL 30.2 KD PROTEIN ZK632.12 IN CHROMOSOME III.//2.6e-38:159:51//CAENORHABDITIS ELEGANS.//P34657
 F-PLACE1000793//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).//0.0097:128:30//HOMO SAPIENS (HUMAN).//P50552
 45 F-PLACE1000798//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//9.4e-07:47:61//HOMO SAPIENS (HUMAN).//P39188
 F-PLACE1000841
 F-PLACE1000849//ELAV PROTEIN.//3.5e-05:140:35//DROSOPHILA VIRILIS (FRUIT FLY).//P23241
 F-PLACE1000856//HYPOTHETICAL PROTEIN MJ0008.//0.95:100:23//METHANOCOCCUS JANNASCHII.//Q60319
 50 F-PLACE1000863//PUTATIVE MITOCHONDRIAL 40S RIBOSOMAL PROTEIN YHR148W.//2.3e-46:172:54//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32899
 F-PLACE1000909//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//0.00022:105:35//HOMO SAPIENS (HUMAN).//P16157
 55 F-PLACE1000931//KILLER TOXIN HM-1.//0.95:24:33//WILLIOPSIS MRKII (YEAST) (HANSENULA MRKII).//P10410
 F-PLACE1000948//SL CYTOKINE PRECURSOR (FLT3 LIGAND).//0.97:52:40//HOMO SAPIENS (HUMAN).//P49771

F-PLACE1000972//MYOSIN ID HEAVY CHAIN.//1.9e-06:79:43//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P34109
 F-PLACE1000977//HYPOTHETICAL 94.2 KD PROTEIN C38D4.5 IN CHROMOSOME III.//2.5e-23:105:41//CAENORHABDITIS ELEGANS.//P46941
 5 F-PLACE1000979//ZINC FINGER PROTEIN 7 (ZINC FINGER PROTEIN KOX4) (ZINC FINGER PROTEIN HF. 16).//0.91:83:30//HOMO SAPIENS (HUMAN).//P17097
 F-PLACE1000987//HYPOTHETICAL 111.5 KD PROTEIN C22G7.02 IN CHROMOSOME I.//0.10:128:24//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09796
 F-PLACE1001000
 10 F-PLACE1001007//ZYXIN.//2.2e-05:135:30//GALLUS GALLUS (CHICKEN).//Q04584
 F-PLACE1001010//BETA-1 BUNGAROTOXIN B CHAIN, MAJOR COMPONENT PRECURSOR (BUNGAROTOXIN, B1 CHAIN).//1.0:30:40//BUNGARUS MULTICINCTUS (MANY-BANDED KRAIT).//P00987
 F-PLACE1001015
 F-PLACE1001024
 15 F-PLACE1001036
 F-PLACE1001054//HOLOTRICIN 3 PRECURSOR.//0.0044:56:39//HOLOTRICHIA DIOMPHALIA.//Q25055
 F-PLACE1001062//SACCHAROPINE DEHYDROGENASE [NADP+, L-GLUTAMATE FORMING] (EC 1.5.1.10).//0.0013:38:52//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38999
 F-PLACE1001076
 20 F-PLACE1001088//EARLY NODULIN 75 (N-75) (NGM-75) (FRAGMENT).//0.95:32:50//MEDICAGO SATIVA (ALFALFA).//P11728
 F-PLACE1001092//HYPOTHETICAL 49.0 KD PROTEIN IN NSP1-KAR2 INTERGENIC REGION.//0.0026:81:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47057
 F-PLACE1001104//HYPOTHETICAL 131.5 KD PROTEIN C02F12.7 IN CHROMOSOME X.//0.00063:125:32//CAENORHABDITIS ELEGANS.//Q11102
 25 F-PLACE1001118//ZINC FINGER PROTEIN MLZ-4 (ZINC FINGER PROTEIN 46).//2.6e-77:209:63//MUS MUSCULUS (MOUSE).//Q03309
 F-PLACE1001136//ALPHA-N-ACETYLGALACTOSAMINIDASE PRECURSOR (EC 3.2.1.49) (ALPHA-GALACTOSIDASE B).//0.99:107:30//HOMO SAPIENS (HUMAN).//P17050
 30 F-PLACE1001168
 F-PLACE1001171//RETROVIRUS-RELATED POL POLYPROTEIN (FRAGMENT).//0.00012:37:59//HOMO SAPIENS (HUMAN).//P12895
 F-PLACE1001185//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION.//3.6e-12:88:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53867
 35 F-PLACE1001238
 F-PLACE1001241//METALLOTHIONEIN B (MTB) (FRAGMENT).//0.13:30:53//COLINUS VIRGINIANUS (BOBWHITE QUAIL) (COMMON BOBWHITE).//P27087
 F-PLACE1001257//RING CANAL PROTEIN (KELCH PROTEIN).//4.1e-24:125:46//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q04652
 40 F-PLACE1001272//HYPOTHETICAL PROTEIN IN KSGA 3'REGION (ORF L5) (FRAGMENT).//1.0:24:45//MYCOPLASMA CAPRICOLUM.//P43040
 F-PLACE1001279//CYTOTOXIN 3 (CYTOTOXIN V-II-3).//0.98:31:41//NAJA MOSSAMBICA (MOZAMBIQUE COBRA).//P01470
 F-PLACE1001280//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN].//0.0051:156:32//MUS MUSCULUS (MOUSE).//P28481
 45 F-PLACE1001294//GAMETOGENESIS EXPRESSED PROTEIN GEG-154.//3.7e-56:109:93//MUS MUSCULUS (MOUSE).//P50636
 F-PLACE1001304//ZINC FINGER PROTEIN 35 (ZFP-35).//3.2e-30:75:57//MUS MUSCULUS (MOUSE).//P15620
 F-PLACE1001311//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.7e-31:66:66//HOMO SAPIENS (HUMAN).//P39189
 50 F-PLACE1001323
 F-PLACE1001351//REV PROTEIN (ANTI-REPRESSION TRANSACTIVATOR PROTEIN) (ART/TRS).//0.11:66:27//SIMIAN IMMUNODEFICIENCY VIRUS (AGM155 ISOLATE) (SIV-AGM).//P27971
 F-PLACE1001366//SHORT NEUROTOXIN 2 (TOXIN CM-14) (TOXIN V-N-12).//0.070:18:33//NAJA HAJE ANNULIFERA (BANDED EGYPTIAN COBRA).//P01422
 55 F-PLACE1001377//DISINTEGRIN TRIGRAMIN BETA (PLATELET AGGREGATION ACTIVATION INHIBITOR).//4.9e-06:50:46//TRIMERESURUS GRAMINEUS (INDIAN GREEN TREE VIPER) (GREEN HABU SNAKE).//P17495

F-PLACE1001383//M PROTEIN, SEROTYPE 49 PRECURSOR.//0.080:136:24//STREPTOCOCCUS PYO-
 GENES.//P16947
 F-PLACE1001384
 F-PLACE1001387//EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8.//1.9e-22:142:
 5 39//HOMO SAPIENS (HUMAN).//Q12929
 F-PLACE1001395//HYPOTHETICAL 8.5 KD PROTEIN IN ASIA-MOTA INTERGENIC REGION.//0.98:67:34//
 BACTERIOPHAGE T4.//P22917
 F-PLACE1001399//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.1e-32:47:74//HOMO SAPIENS (HUMAN).//
 P39194
 10 F-PLACE1001412//GLYCOPHORIN C (PAS-2') (GLYCOPROTEIN BETA) (GLPC) (GLYCOCONNECTIN)
 (SIALOGLYCOPROTEIN D) (GLYCOPHORIN D) (GPD).//0.00021:125:36//HOMO SAPIENS (HUMAN).//P04921
 F-PLACE1001414//CHYMOTRYPSIN/ELASTASE ISOINHIBITORS 2 TO 5.//0.99:37:35//ASCARIS SUUM (PIG
 ROUNDWORM) (ASCARIS LUMBRICOIDES).//P07852
 F-PLACE1001440//PROLINE-RICH PEPTIDE P-B.//0.35:16:50//HOMO SAPIENS (HUMAN).//P02814
 15 F-PLACE1001456//RELAXIN.//0.48:38:36//BALAENOPTERA ACUTOROSTRATA (MINKE WHALE) (LESSER
 RORQUAL).//P11184
 F-PLACE1001468//HYPOTHETICAL PROTEIN MJ0602.//0.10:86:32//METHANOCOCCUS JANNASCHII.//
 Q58019
 F-PLACE1001484//HYPOTHETICAL 7.5 KD PROTEIN IN DNAC-RPLI INTERGENIC REGION.//1.0:47:34//BA-
 20 CILLUS SUBTILIS.//P37480
 F-PLACE1001502//COLLAGEN 1(X) CHAIN PRECURSOR.//0.00029:118:34//BOS TAURUS (BOVINE).//P23206
 F-PLACE1001503//HYPOTHETICAL 77.3 KD PROTEIN T05G5.8 IN CHROMOSOME III.//2.2e-07:107:30//
 CAENORHABDITIS ELEGANS.//P34561
 F-PLACE1001517//SMALL PROTEIN INHIBITOR OF INSECT ALPHA-AMYLASES 2 (SI ALPHA-2).//0.56:22:45//
 25 SORGHUM BICOLOR MILO (SORGHUM).//P21924
 F-PLACE1001534//PUTATIVE GENE PROTEIN 54.//0.43:44:40//BACTERIOPHAGE SP01.//O48408
 F-PLACE1001545//HYPOTHETICAL 7.9 KD PROTEIN IN CELF-KATE INTERGENIC REGION.//0.99:70:32//ES-
 CHERICHIA COLI.//P37795
 F-PLACE1001551//CHLOROPLAST 50S RIBOSOMAL PROTEIN L32.//1.0:66:28//MARCHANTIA POLYMOR-
 30 PHA (LIVERWORT).//P12196
 F-PLACE1001570//SYNAPTONEMAL COMPLEX PROTEIN 1 (SCP-1 PROTEIN).//0.024:120:27//HOMO SAPI-
 ENS (HUMAN).//Q15431
 F-PLACE1001602//CCR4-ASSOCIATED FACTOR 1 (CAF1).//1.1e-30:90:78//MUS MUSCULUS (MOUSE).//
 Q60809
 35 F-PLACE1001603//ACIDIC PROLINE-RICH PROTEIN PRECURSOR (CLONE PRP25) (FRAGMENT).//0.054:
 77:33//RATTUS NORVEGICUS (RAT).//P10164
 F-PLACE1001608
 F-PLACE1001610//PROBABLE E4 PROTEIN.//0.90:58:29//HUMAN PAPILLOMAVIRUS TYPE 28.//P51896
 F-PLACE1001611//METALLOTHIONEIN-IG (MT-1G).//0.35:30:40//HOMO SAPIENS (HUMAN).//P13640
 40 F-PLACE1001632//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//3.6e-28:144:43//HOMO SA-
 PIENS (HUMAN).//P51523
 F-PLACE1001634//PHOTOSYSTEM II REACTION CENTRE N PROTEIN.//1.0:36:41//CYANIDIUM CALDARIUM
 (GALDIERIA SULPHURARIA).//O19926
 F-PLACE1001640//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN).//0.24:47:38//HUMAN IMMUNO-
 45 NODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1).//P18804
 F-PLACE1001672//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.0:27:66//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE1001691//HYPOTHETICAL 15.5 KD PROTEIN IN PIK1-POL2 INTERGENIC REGION.//0.40:81:33//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53842
 50 F-PLACE1001692//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14)
 (THIOESTERASE II).//8.3e-41:103:55//RATTUS NORVEGICUS (RAT).//P08635
 F-PLACE1001705
 F-PLACE1001716//HYPOTHETICAL 138.5 KD PROTEIN C17H9.01 IN CHROMOSOME L//6.1e-07:157:29//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O13798
 55 F-PLACE1001720
 F-PLACE1001729//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//6.5e-05:196:32//MUS MUSCULUS
 (MOUSE).//P05143
 F-PLACE1001739//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//

0.00050:213:23//RATTUS NORVEGICUS (RAT).//P12839
 F-PLACE1001740//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.4e-17:90:56//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE1001745//HYPOTHETICAL PROTEIN KIAA0125.//0.96:38:36//HOMO SAPIENS (HUMAN).//Q14138
 5 F-PLACE1001746//CONGLUTIN DELTA-2 SMALL CHAIN.//0.98:23:43//LUPINUS ANGUSTIFOLIUS (NARROW-
 LEAVED BLUE LUPINE).//P09930
 F-PLACE1001748//HYPOTHETICAL 99.0 KD PROTEIN SPBC119.17.//2.9e-28:167:38//SCHIZOSACCHARO-
 MYCES POMBE (FISSION YEAST).//O42908
 F-PLACE1001756//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/9.2e-43:126:77//HOMO SAPIENS (HU-
 10 MAN).//P39189
 F-PLACE1001761//50S RIBOSOMAL PROTEIN L35.//0.26:42:38//HELICOBACTER PYLORI (CAMPYLO-
 BACTER PYLORI).//P56057
 F-PLACE1001771//TRANSIENT-RECEPTOR-POTENTIAL LIKE PROTEIN.//4.8e-35:223:40//DROSOPHILA
 MELANOGASTER (FRUIT FLY).//P48994
 15 F-PLACE1001781//HYPOTHETICAL 71.1 KD PROTEIN IN DSK2-CAT8 INTERGENIC REGION.//9.5e-41:194:
 46//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q03262
 F-PLACE1001799
 F-PLACE1001810
 F-PLACE1001817//SUCCINYL-COA LIGASE [GDP-FORMING], BETA-CHAIN PRECURSOR (EC 6.2.1.4) (SUC-
 20 CINYL-COA SYNTHETASE, BETA CHAIN) (SCS-BETA).//2.8e-40:115:61//NEOCALLIMASTIX FRONTALIS (RU-
 MEN FUNGUS).//P53587
 F-PLACE1001821
 F-PLACE1001844//IG KAPPA CHAIN V-I REGION (HAU).//0.59:89:35//HOMO SAPIENS (HUMAN).//P01600
 F-PLACE1001845
 25 F-PLACE1001869//MPA43 PROTEIN.//3.5e-14:153:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P53583
 F-PLACE1001897//LIGATOXIN A.//1.0:43:27//PHORADENDRON LIGA (ARGENTINE MISTLETOE).//P01540
 F-PLACE1001912//LONG NEUROTOXIN 2 (TOXIN C).//0.57:44:45//ASTROTIA STOKESI (STOKES'S SEA
 SNAKE) (DITEIRA STOKESI).//P01381
 30 F-PLACE1001920//LATE GENES ACTIVATOR (EARLY PROTEIN GP4) (GPF).//0.89:75:29//BACTERIOPHAGE
 NF.//P09877
 F-PLACE1001928
 F-PLACE1001983//IMMEDIATE-EARLY PROTEIN IE180.//0.0049:51:45//PSEUDORABIES VIRUS (STRAIN KA-
 PLAN) (PRV).//P33479
 35 F-PLACE1001989//PUTATIVE AMIDASE (EC 3.5.1.4).//8.9e-08:125:36//MORAXELLA CATARRHALIS.//Q49091
 F-PLACE1002004
 F-PLACE1002046//LIGATIN (FRAGMENT).//1.6e-84:191:84//MUS MUSCULUS (MOUSE).//Q61211
 F-PLACE1002052
 F-PLACE1002066
 40 F-PLACE1002072//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG PRECURSOR.//0.16:77:31//ARABIDOP-
 SIS THALIANA (MOUSE-EAR CRESS).//P40602
 F-PLACE1002073//HYPOTHETICAL 118.2 KD PROTEIN F43C1.1 IN CHROMOSOME III.//4.0e-11:174:28//
 CAENORHABDITIS ELEGANS.//Q09564
 F-PLACE1002090//SIGNAL RECOGNITION PARTICLE 72 KD PROTEIN (SRP72).//2.8e-57:112:99//HOMO SA-
 45 PIENS (HUMAN).//O76094
 F-PLACE1002115//P8 MTCP-1 PROTEIN (MATURE T-CELL PROLIFERATION-1 TYPE A) (MTCP-1 TYPE A)
 (P8MTCP1).//1.0:49:30//MUS MUSCULUS (MOUSE).//Q61908
 F-PLACE1002119//T-LYMPHOCYTE ACTIVATED PROTEIN (CYCLOHEXIMIDE-INDUCED) (CHX1) (IMMEDI-
 ATE EARLY RESPONSE 2 PROTEIN).//2.7e-11:118:36//MUS MUSCULUS (MOUSE).//P17950
 50 F-PLACE1002140//HYPOTHETICAL 12.3 KD PROTEIN IN MOBL 3'REGION (ORF 4).//0.0086:39:46//THIOBA-
 CILLUS FERROOXIDANS.//P20088
 F-PLACE1002150
 F-PLACE1002157//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.4e-34:56:82//HOMO SAPIENS (HUMAN).//
 P39189
 55 F-PLACE1002163//NEUROTOXIN 1.//1.0:17:52//CENTRUROIDES SCULPTURATUS (BARK SCORPION).//
 P01492
 F-PLACE1002170
 F-PLACE1002171//TRANSCRIPTION REGULATORY PROTEIN SWI3 (SWI/SNF COMPLEX COMPONENT

SWI3) (TRANSCRIPTION FACTOR
 TYE2).//0.00023:179:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32591
 F-PLACE1002205//HYPOTHETICAL 13.5 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION.//0.77:21:47//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40490
 5 F-PLACE1002213//HISTONE H4 (FRAGMENT).//0.62:31:32//BLEPHARISMA JAPONICUM.//P80738
 F-PLACE1002227//HYPOTHETICAL 7.9 KD PROTEIN IN FIXW 5'REGION.//0.41:49:36//RHIZOBIUM LEGUMI-
 NOSARUM.//P14310
 F-PLACE1002256//CYTOCHROME B (EC 1.10.2.2).//0.61:95:29//CAENORHABDITIS ELEGANS.//P24890
 F-PLACE1002259//HYPOTHETICAL 9.2 KD PROTEIN IN SPS1-QCR7 INTERGENIC REGION.//0.99:22:45//
 10 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P56508
 F-PLACE1002319//HYPOTHETICAL 56.6 KD PROTEIN IN URE2-SSU72 INTERGENIC REGION.//0.91:18:72//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53867
 F-PLACE1002342//HYPOTHETICAL PROTEIN C16.//1.0:53:32//SWINEPOX VIRUS (STRAIN KASZA) (SPV).//
 P32219
 15 F-PLACE1002395//CIRCUMSPOROZOITE PROTEIN PRECURSOR (CS).//6.4e-05:127:37//PLASMODIUM
 VIVAX.//P08677
 F-PLACE1002399
 F-PLACE1002433//DYNACTIN, 150 KD ISOFORM (150 KD DYNEIN-ASSOCIATED POLYPEPTIDE) (DP-150)
 (DAP-150) (P150-GLUED).//0.00094:182:25//RATTUS NORVEGICUS (RAT).//P28023
 20 F-PLACE1002437//ATP-BINDING CASSETTE TRANSPORTER 1.//4.5e-19:62:77//MUS MUSCULUS
 (MOUSE).//P41233
 F-PLACE1002438//HYPOTHETICAL 141.5 KD ZINC FINGER PROTEIN IN TUB1-CPR3 INTERGENIC RE-
 GION.//0.014:63:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04545
 F-PLACE1002450//OOCYTE ZINC FINGER PROTEIN XLCOF6 (FRAGMENT).//3.9e-28:159:38//XENOPUS
 25 LAEVIS (AFRICAN CLAWED FROG).//P18749
 F-PLACE1002465//LARIAT DEBRANCHING ENZYME (EC 3.1.-.-).//0.0014:148:28//SCHIZOSACCHAROMY-
 CES POMBE (FISSION YEAST).//O13765
 F-PLACE1002474//FIBRILLIN 2 PRECURSOR.//2.1e-24:203:33//MUS MUSCULUS (MOUSE).//Q61555
 F-PLACE1002477//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//0.15:65:41//HOMO SAPIENS (HUMAN).//
 30 P39193
 F-PLACE1002493//SEMENOGELIN II PRECURSOR (SGII).//1.0:72:31//MACACA MULATTA (RHESUS
 MACAQUE).//Q95196
 F-PLACE1002499//HYPOTHETICAL 39.3 KD PROTEIN C02B8.6 IN CHROMOSOME X.//2.9e-11:67:35//
 CAENORHABDITIS ELEGANS.//Q11096
 35 F-PLACE1002500//COBALT-ZINC-CADMIUM RESISTANCE PROTEIN CZCD (CATION EFFLUX SYSTEM PRO-
 TEIN CZCD).//8.4e-11:143:32//ALCALIGENES EUTROPHUS.//P13512
 F-PLACE1002514//HYPOTHETICAL 8.1 KD PROTEIN IN SPEA-METK INTERGENIC REGION (O71).//1.0:15:
 60//ESCHERICHIA COLI.//P46878
 F-PLACE1002529
 40 F-PLACE1002532//HOMEBOX PROTEIN DLX-5.//1.1e-76:183:81//MUS MUSCULUS (MOUSE).//P70396
 F-PLACE1002537//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//2.6e-18:51:86//HOMO SAPIENS (HUMAN).//
 P39195
 F-PLACE1002571//ACTIN-LIKE PROTEIN 13E.//6.0e-56:140:47//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P45890
 45 F-PLACE1002578
 F-PLACE1002583
 F-PLACE1002591//CORONIN-LIKE PROTEIN P57.//5.5e-26:78:69//BOS TAURUS (BOVINE).//Q92176
 F-PLACE1002598
 F-PLACE1002604
 50 F-PLACE1002625//HYPOTHETICAL 180.2 KD PROTEIN IN FAA4-HOR7 INTERGENIC REGION.//6.4e-08:193:
 23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04781
 F-PLACE1002655//ADSEVERIN (GELSOLIN-LIKE PROTEIN).//7.1e-100:210:89//MUS MUSCULUS (MOUSE).//
 Q60604
 F-PLACE1002665//MOBILIZATION PROTEIN MOBS.//0.35:60:30//THIOBACILLUS FERROOXIDANS.//P20086
 55 F-PLACE1002685//ACTIN BINDING PROTEIN.//0.052:115:29//SACCHAROMYCES EXIGUUS (YEAST).//
 P38479
 F-PLACE1002714//CIS-GOLGI MATRIX PROTEIN GM130.//1.8e-06:214:30//RATTUS NORVEGICUS (RAT).//
 Q62839

F-PLACE1002722//THROMBIN RECEPTOR PRECURSOR.//2.0e-19:134:38//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P47749
 F-PLACE1002768//FOLLICLE STIMULATING HORMONE RECEPTOR PRECURSOR (FSH-R) (FOLLITROPIN RECEPTOR) (FRAGMENT).//0.43:40:35//MUS MUSCULUS (MOUSE).//P35378
 5 F-PLACE1002772
 F-PLACE1002775//CENTROMERE/MICROTUBULE BINDING PROTEIN CBF5 (CENTROMERE-BINDING FACTOR 5) (NUCLEOLAR PROTEIN CBF5).//4.8e-07:96:29//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14007
 F-PLACE1002782//COBALT-ZINC-CADMIUM RESISTANCE PROTEIN CZCD (CATION EFFLUX SYSTEM PROTEIN CZCD).//1.1e-07:114:35//ALCALIGENES EUTROPHUS.//P13512
 10 F-PLACE1002794//CUTICLE COLLAGEN 12 PRECURSOR.//0.0068:98:39//CAENORHABDITIS ELEGANS.//P20630
 F-PLACE1002811//CYCLIN-DEPENDENT KINASE 6 INHIBITOR (P18-INK6) (CYCLIN-DEPENDENT KINASE 4 INHIBITOR C) (P18-INK4C).//1.1e-09:137:34//MUS MUSCULUS (MOUSE).//Q60772
 15 F-PLACE1002815//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT).//0.46:35:42//HORDEUM VULGARE (BARLEY).//P17991
 F-PLACE1002816//HYPOTHETICAL PROTEIN KIAA0288 (HA6116).//1.0e-86:201:74//HOMO SAPIENS (HUMAN).//P56524
 F-PLACE1002834//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//1.6e-30:54:96//HOMO SAPIENS (HUMAN).//P51522
 20 F-PLACE1002839//METALLOTHIONEIN-I (MT-I).//1.0:43:37//MUS MUSCULUS (MOUSE).//P02802
 F-PLACE1002851//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR (VAI).//0.77:35:37//VICIA ANGUSTIFOLIA (COMMON VETCH).//P01065
 F-PLACE1002853//HYPOTHETICAL 7.9 KD PROTEIN IN PE 5'REGION (ORF1).//1.0:18:55//LYMANTRIA DISPAR MULTICAPSID NUCLEAR POLYHEDROSIS VIRUS (LDMNPV).//P36866
 25 F-PLACE1002881//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.1e-27:91:70//HOMO SAPIENS (HUMAN).//P39188
 F-PLACE1002908//HYPOTHETICAL 33.8 KD PROTEIN R10E11.4 IN CHROMOSOME III.//2.0e-31:148:46//CAENORHABDITIS ELEGANS.//P34548
 30 F-PLACE1002941//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.6e-11:40:85//HOMO SAPIENS (HUMAN).//P39195
 F-PLACE1002962//ENDOTHELIN-1 PRECURSOR (ET-1) (FRAGMENT).//0.90:38:36//CANIS FAMILIARIS (DOG).//P13206
 F-PLACE1002968//TOXIN IV-5 PRECURSOR (TITYUSTOXIN) (FRAGMENT).//0.97:26:38//TITYUS SERRULATUS (BRAZILIAN SCORPION).//P01496
 35 F-PLACE1002991//PUTATIVE AMIDASE (EC 3.5.1.4).//3.3e-20:120:41//METHANOCOCCUS JANNASCHII.//Q58560
 F-PLACE1002993//HYPOTHETICAL 17.8 KD PROTEIN IN SMPA-SMPB INTERGENIC REGION (F158).//0.00045:93:23//ESCHERICHIA COLI.//P52121
 40 F-PLACE1002996//PUTATIVE REGULATORY PROTEIN TSC-22 (TGFB STIMULATED CLONE 22 HOMOLOG).//0.17:91:29//GALLUS GALLUS (CHICKEN).//Q91012
 F-PLACE1003025//SUPPRESSOR PROTEIN SRP40.//0.0079:214:24//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32583
 F-PLACE1003027//HYPOTHETICAL 128.6 KD PROTEIN ZK1098.10 IN CHROMOSOME III.//1.3e-49:167:63//CAENORHABDITIS ELEGANS.//P34609
 45 F-PLACE1003044//SPORE COAT PROTEIN D.//0.97:24:45//BACILLUS SUBTILIS.//P07791
 F-PLACE1003045
 F-PLACE1003092
 F-PLACE1003100//HEP27 PROTEIN (PROTEIN D).//3.9e-51:188:57//HOMO SAPIENS (HUMAN).//Q13268
 50 F-PLACE1003108
 F-PLACE1003136
 F-PLACE1003145//BUTYROPHILIN PRECURSOR (BT).//0.00024:170:24//BOS TAURUS (BOVINE).//P18892
 F-PLACE1003153//HUNCHBACK PROTEIN (FRAGMENT).//1.0:32:37//LOCUSTA MIGRATORIA (MIGRATORY LOCUST).//Q01777
 55 F-PLACE1003174//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//6.3e-05:54:38//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P42743
 F-PLACE1003176//HYPOTHETICAL 62.3 KD PROTEIN IN PCS60-ABD1 INTERGENIC REGION.//0.24:74:36//

SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38319
 F-PLACE1003190//SOF1 PROTEIN.//1.0e-52:158:41//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P33750
 F-PLACE1003200
 5 F-PLACE1003205//SPERM PROTAMINE P1.//0.074:20:45//CAENOLESTES FULIGINOSUS.//P42131
 F-PLACE1003238//PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001.//0.013:20:55//HOMO SAPIENS
 (HUMAN).//Q15391
 F-PLACE1003249//HYPOTHETICAL PROTEIN KIAA0125.//0.98:48:37//HOMO SAPIENS (HUMAN).//Q14138
 F-PLACE1003256//OMEGA-CONOTOXINS GVIA, GVIB AND GVIC PRECURSOR (SHAKER PEPTIDE).//0.84:
 10 53:30//CONUS GEOGRAPHUS (GEOGRAPHY CONE).//P01522
 F-PLACE1003258//EARLY EMBRYOGENESIS ZYG-11 PROTEIN.//4.1e-18:70:47//CAENORHABDITIS ELE-
 GANS.//P21541
 F-PLACE1003296//SPECTRIN BETA CHAIN, ERYTHROCYTE.//0.063:160:24//HOMO SAPIENS (HUMAN).//
 P11277
 15 F-PLACE1003302//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//9.4e-69:84:94//HOMO SAPI-
 ENS (HUMAN).//P51522
 F-PLACE1003334//NUCLEOBINDIN PRECURSOR (NUCB1) (BONE 63 KD CALCIUM-BINDING PROTEIN).//
 0.029:125:24//RATTUS NORVEGICUS (RAT).//Q63083
 F-PLACE1003342//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.97:44:40//DROSOPHILA MELA-
 20 NOGASTER (FRUIT FLY).//Q01643
 F-PLACE1003343//GENE 11 PROTEIN.//1.0:37:37//SPIROPLASMA VIRUS SPV1-R8A2 B.//P15902
 F-PLACE1003353//SH2/SH3 ADAPTOR CRK (ADAPTER MOLECULE CRK) (CRK2).//6.4e-05:69:40//XENOPUS
 LAEVIS (AFRICAN CLAWED FROG).//P87378
 F-PLACE1003361/////ALU SUBFAMILY SC WARNING ENTRY !!!!!1.6e-23:66:75//HOMO SAPIENS (HUMAN).//
 25 P39192
 F-PLACE1003366//SMALL PROLINE-RICH PROTEIN 2-1.//0.62:19:57//HOMO SAPIENS (HUMAN).//P35326
 F-PLACE1003369//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//4.3e-06:102:42//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P32323
 F-PLACE1003373//PROTEIN Q300.//0.042:29:37//MUS MUSCULUS (MOUSE).//Q02722
 30 F-PLACE1003375//OLFACTORY RECEPTOR 11 (M49) (FRAGMENT).//0.99:46:34//MUS MUSCULUS
 (MOUSE).//Q60890
 F-PLACE1003383
 F-PLACE1003394//RAS-RELATED PROTEIN RAB-14.//2.8e-80:166:89//RATTUS NORVEGICUS (RAT).//
 P35287
 35 F-PLACE1003401
 F-PLACE1003420//PUTATIVE MITOCHONDRIAL CARRIER YIL006W.//8.1e-17:138:37//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P40556
 F-PLACE1003454
 F-PLACE1003478
 40 F-PLACE1003493//ENDOTHELIAL CELL MULTIMERIN PRECURSOR.//3.4e-11:123:32//HOMO SAPIENS (HU-
 MAN).//Q13201
 F-PLACE1003516//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.0e-32:68:76//HOMO SAPIENS (HU-
 MAN).//P08547
 F-PLACE1003519/////ALU SUBFAMILY J WARNING ENTRY !!!!!9.2e-17:77:50//HOMO SAPIENS (HUMAN).//
 45 P39188
 F-PLACE1003521//HYPOTHETICAL BAMHI-ORF9 PROTEIN.//1.0:38:42//FOWLPOX VIRUS (ISOLATE HP-438
 [MUNICH]).//P14366
 F-PLACE1003528//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.96:32:40//XENOPUS LAEVIS (AFRI-
 CAN CLAWED FROG).//P03931
 50 F-PLACE1003537//CEF PROTEIN.//0.92:47:29//BACTERIOPHAGE T4.//Q01436
 F-PLACE1003553
 F-PLACE1003566//HYPOTHETICAL BAMHI-ORF9 PROTEIN.//1.0:32:34//FOWLPOX VIRUS (ISOLATE HP-438
 [MUNICH]).//P14366
 F-PLACE1003575
 55 F-PLACE1003583//PROBABLE E5 PROTEIN.//0.16:64:31//HUMAN PAPILLOMAVIRUS TYPE 35.//P27226
 F-PLACE1003584
 F-PLACE1003592//EXCISIONASE.//0.26:19:52//BACTERIOPHAGE PHI-80.//P05998
 F-PLACE1003593//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:42:30//OVIS ARIES (SHEEP).//

O78751
 F-PLACE1003596//OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT HOMOLOG.//6.3e-87:238:67//
 CAENORHABDITIS ELEGANS.//P46975
 F-PLACE1003602//HYPOTHETICAL 11.0 KD PROTEIN IN FAA3-MAS3 INTERGENIC REGION.//8.4e-17:98:42//
 5 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40554
 F-PLACE1003605//HAP5 TRANSCRIPTIONAL ACTIVATOR.//2.0e-09:82:35//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//Q02516
 F-PLACE1003611//PANCREATIC SECRETORY TRYPSIN INHIBITOR.//0.99:32:43//CANIS FAMILIARIS
 (DOG).//P04542
 10 F-PLACE1003618//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.7e-65:229:58//HOMO SAPIENS (HU-
 MAN).//P08547
 F-PLACE1003625//30S RIBOSOMAL PROTEIN S20 (FRAGMENT).//1.0:56:26//PROTEUS MIRABILIS.//P42275
 F-PLACE1003638//PROTEIN Q300.//0.079:41:39//MUS MUSCULUS (MOUSE).//Q02722
 F-PLACE1003669//TRICHOHYALIN.//2.9e-07:180:30//OVIS ARIES (SHEEP).//P22793
 15 F-PLACE1003704//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR
 SRP75).//3.3e-16:98:40//HOMO SAPIENS (HUMAN).//Q08170
 F-PLACE1003709//HYPOTHETICAL 59.5 KD PROTEIN IN CCT3-CCT8 INTERGENIC REGION.//2.8e-07:128:
 27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47074
 F-PLACE1003711//ALPHA/BETA-GLIADIN PRECURSOR (PROLAMIN) (CLASS A-IV).//5.0e-05:88:30//TRITI-
 20 CUM AESTIVUM (WHEAT).//P04724
 F-PLACE1003723//TYROSINE-PROTEIN KINASE SRM (EC 2.7.1.112) (PTK70).//6.0e-06:98:36//MUS MUSCU-
 LUS (MOUSE).//Q62270
 F-PLACE1003738//OOCYTE ZINC FINGER PROTEIN XLCOF6 (FRAGMENT).//2.5e-45:147:46//XENOPUS
 LAEVIS (AFRICAN CLAWED FROG).//P18749
 25 F-PLACE1003760//CYTOCHROME B (EC 1.10.2.2).//0.91:49:34//TRYPANOSOMA BRUCEI BRUCEI.//P00164
 F-PLACE1003762//METALLOTHIONEIN-LIKE PROTEIN TYPE 2.//0.98:28:32//MALUS DOMESTICA (APPLE)
 (MALUS SYLVESTRIS).//O24058
 F-PLACE1003768//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//8.5e-19:123:37//HOMO SAPIENS (HU-
 MAN).//P08547
 30 F-PLACE1003771
 F-PLACE1003783//SRY-RELATED PROTEIN ADW2 (FRAGMENT).//1.0:29:37//ALLIGATOR MISSISSIPPIEN-
 SIS (AMERICAN ALLIGATOR).//P40634
 F-PLACE1003784//HYPOTHETICAL 98.1 KD PROTEIN IN SPX19-GCR2 INTERGENIC REGION.//1.2e-13:199:
 28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40164
 35 F-PLACE1003795//EC PROTEIN I/II (ZINC-METALLOTHIONEIN CLASS II).//0.67:53:30//TRITICUM AESTIVUM
 (WHEAT).//P30569
 F-PLACE1003833//METHIONYL-TRNA FORMYLTRANSFERASE (EC 2.1.2.9).//0.99:158:28//THERMUS
 AQUATICUS (SUBSP. THERMOPHILUS).//P43523
 F-PLACE1003850
 40 F-PLACE1003858//HUNCHBACK PROTEIN (FRAGMENT).//0.37:28:42//LITHOBIUS FORFICATUS.//Q02030
 F-PLACE1003864//OUTER MEMBRANE LIPOPROTEIN LOLB PRECURSOR.//0.0046:116:31//ACTINOBACIL-
 LUS ACTINOMYCETEMCOMITANS (HAEMOPHILUS ACTINOMYCETEMCOMITANS).//O52727
 F-PLACE1003870
 F-PLACE1003885//POLY(A) POLYMERASE (EC 2.7.7.19) (PAP) (POLYNUCLEOTIDE ADENYLYLTRANS-
 45 FERASE) (FRAGMENT).//1.6e-92:166:75//HOMO SAPIENS (HUMAN).//P51003
 F-PLACE1003886//IMMEDIATE-EARLY PROTEIN IE180.//0.54:96:34//PSEUDORABIES VIRUS (STRAIN INDI-
 ANA-FUNKHAUSER / BECKER) (PRV).//P11675
 F-PLACE1003888//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 (EC
 3.1.4.11) (PLC-DELTA-1) (PHOSPHOLIPASE C-DELTA-1) (PLC-III) (FRAGMENT).//8.8e-54:260:46//BOS TAU-
 50 RUS (BOVINE).//P10895
 F-PLACE1003892//PROBABLE E5 PROTEIN.//1.0:13:61//HUMAN PAPILLOMAVIRUS TYPE 18.//P06792
 F-PLACE1003900//BETA-FRUCTOFURANOSIDASE, SOLUBLE ISOENZYME I (EC 3.2.1.26) (SUCROSE-6-
 PHOSPHATE HYDROLASE) (INVERTASE) (FRAGMENTS).//0.58:49:36//DAUCUS CAROTA (CARROT).//
 P80065
 55 F-PLACE1003903//CTP SYNTHASE (EC 6.3.4.2) (UTP-AMMONIA LIGASE) (CTP SYNTHETASE).//3.8e-52:92:
 85//HOMO SAPIENS (HUMAN).//P17812
 F-PLACE1003915//PROBABLE ARGINYL-TRNA SYNTHETASE, CYTOPLASMIC (EC 6.1.1.19) (ARGININE-
 -TRNA LIGASE) (ARGRS).//2.6e-26:202:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q05506

- F-PLACE1003923//HISTIDYL-TRNA SYNTHETASE (EC 6.1.1.21) (HISTIDINE-TRNA LIGASE) (HISRS).//0.94:65:29//STREPTOCOCCUS EQUISIMILIS.//P30053
- F-PLACE1003932//HYPOTHETICAL 17.3 KD PROTEIN IN SEC15-SAP4 INTERGENIC REGION.//0.098:79:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53074
- 5 F-PLACE1003936
- F-PLACE1003968//5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT (AMPK GAMMA-1 CHAIN).//4.7e-68:164:78//RATTUS NORVEGICUS (RAT).//P80385
- F-PLACE1004103//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/1.9e-14:60:73//HOMO SAPIENS (HUMAN).//P39192
- 10 F-PLACE1004104//EXOCYST COMPLEX COMPONENT SEC5.//0.020:202:20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P89102
- F-PLACE1004114//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.1e-15:69:60//HOMO SAPIENS (HUMAN).//P39188
- F-PLACE1004118//REGULATORY PROTEIN E2.//0.73:58:36//CANINE ORAL PAPILLOMAVIRUS (COPV).//Q89420
- 15 F-PLACE1004128//GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT 4 (TRANSDUCIN BETA CHAIN 4).//7.7e-62:108:100//MUS MUSCULUS (MOUSE).//P29387
- F-PLACE1004149//PROBABLE NUCLEAR ANTIGEN.//0.0011:73:42//PSEUDORABIES VIRUS (STRAIN KAPLAN) (PRV).//P33485
- 20 F-PLACE1004156//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//0.00061:39:48//OWENIA FUSIFORMIS.//P21260
- F-PLACE1004161//PLASMINOGEN-BINDING PROTEIN PAM PRECURSOR (FRAGMENT).//0.033:108:27//STREPTOCOCCUS PYOGENES.//P49054
- F-PLACE1004183//HYPOTHETICAL 64.3 KD PROTEIN IN CDC12-ERP5 INTERGENIC REGION.//4.0e-07:146:35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38817
- 25 F-PLACE1004197//BUTYROPHILIN PRECURSOR (BT).//5.9e-11:208:27//MUS MUSCULUS (MOUSE).//Q62556
- F-PLACE1004203//PROTEIN A39.//8.5e-18:139:33//VACCINIA VIRUS (STRAIN COPENHAGEN).//P21062
- F-PLACE1004242//PHOTOSYSTEM II REACTION CENTRE J PROTEIN.//1.0:28:42//PISUM SATIVUM (GARDEN PEA).//P13555
- 30 F-PLACE1004256//MYOSIN HEAVY CHAIN D (MHC D).//0.73:134:25//CAENORHABDITIS ELEGANS.//P02567
- F-PLACE1004257//HYPOTHETICAL PROTEIN HI0490.//0.13:75:29//HAEMOPHILUS INFLUENZAE.//P44006
- F-PLACE1004258//COLLAGEN ALPHA 2(VIII) CHAIN (ENDOTHELIAL COLLAGEN) (FRAGMENT).//0.027:128:35//HOMO SAPIENS (HUMAN).//P25067
- 35 F-PLACE1004270//LARGE TEGUMENT PROTEIN.//1.8e-10:100:44//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03186
- F-PLACE1004274//HYPOTHETICAL PROTEIN E-95.//0.44:61:42//HUMAN ADENOVIRUS TYPE 2.//P03286
- F-PLACE1004277//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//0.0013:55:38//BOS TAURUS (BOVINE).//P25508
- 40 F-PLACE1004284//7 KD PROTEIN (ORF 4).//1.0:63:23//CHRYSANTHEMUM VIRUS B (CVB).//P37990
- F-PLACE1004289//SPERM PROTAMINE P3.//0.00057:22:77//MUS MUSCULUS (MOUSE).//Q62100
- F-PLACE1004302//SERINE/THREONINE PROTEIN KINASE AFSK (EC 2.7.1.-).//0.0065:148:29//STREPTOMYCES COELICOLOR.//P54741
- F-PLACE1004316//AUTOPHAGY PROTEIN APG5.//8.8e-06:117:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q12380
- 45 F-PLACE1004336//COLLAGEN ALPHA 4(IV) CHAIN PRECURSOR.//0.0027:83:36//HOMO SAPIENS (HUMAN).//P53420
- F-PLACE1004358//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR.//2.9e-05:200:33//GALLUS GALLUS (CHICKEN).//P02457
- 50 F-PLACE1004376//AXONEME-ASSOCIATED PROTEIN MST101(2).//2.4e-05:179:29//DROSOPHILA HYDEI (FRUIT FLY).//Q08696
- F-PLACE1004384//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.6e-28:46:76//HOMO SAPIENS (HUMAN).//P39194
- F-PLACE1004388//HYPOTHETICAL 75.2 KD PROTEIN IN ACS1-GCV3 INTERGENIC REGION.//5.7e-34:202:37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39722
- 55 F-PLACE1004405//NEURAMINYLLACTOSE-BINDING HEMAGGLUTININ (N-ACETYLNEURAMINYLLACTOSE- BINDING FIBRILLAR HEMAGGLUTININ RECEPTOR-BINDING SUBUNIT) (NLBH) (FLAGELLAR SHEATH ADHESIN) (ADHESIN A) (FRAGMENT).//0.93:74:33//HELICOBACTER ACINONYX.//Q47947

F-PLACE1004425//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.81:70:42//HOMO SAPIENS (HUMAN).//
 P39195
 F-PLACE1004428//PRISTANOYL-COA OXIDASE (EC 1.3.3.-)//1.9e-31:203:39//RATTUS NORVEGICUS
 (RAT).//Q63448
 5 F-PLACE1004437//ISOCITRATE DEHYDROGENASE [NAD], MITOCHONDRIAL SUBUNIT BETA PRECURSOR
 (EC 1.1.1.41) (ISOCITRIC DEHYDROGENASE) (NAD+-SPECIFIC ICDH) (FRAGMENT).//4.2e-93:140:100//
 MACACA FASCICULARIS (CRAB EATING MACAQUE) (CYNOMOLGUS MONKEY).//Q28479
 F-PLACE1004451//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00013:40:62//HOMO SAPIENS (HUMAN).//
 P39188
 10 F-PLACE1004460//MATERNAL TUDOR PROTEIN.//0.0066:218:23//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P25823
 F-PLACE1004467//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/7.8e-10:33:87//HOMO SAPIENS (HUMAN).//
 P39193
 F-PLACE1004471//ZINC FINGER PROTEIN 83 (ZINC FINGER PROTEIN HPF1).//7.0e-56:92:58//HOMO SAPI-
 15 ENS (HUMAN).//P51522
 F-PLACE1004473//HYPOTHETICAL 54.3 KD PROTEIN C23D3.03C IN CHROMOSOME I.//0.019:136:27//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09844
 F-PLACE1004491//LYSIS PROTEIN.//0.95:53:30//BACTERIOPHAGE FR.//P19903
 F-PLACE1004506//AUTOIMMUNOGENIC CANCER/TESTIS ANTIGEN NY-ESO-1 (LAGE-1).//0.58:66:34//HO-
 20 MO SAPIENS (HUMAN).//P78358
 F-PLACE1004510//TRANSCRIPTION INITIATION FACTOR TFIID 150 KD SUBUNIT (TAFII-150) (TAFII150).//
 3.0e-07:63:46//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q24325
 F-PLACE1004516//HYPOTHETICAL PROTEIN 5' TO ASP-RICH AND HIS-RICH PROTEINS (FRAGMENT).//
 0.95:62:29//PLASMODIUM FALCIPARUM (ISOLATE FCM17 / SENEGAL).//P14587
 25 F-PLACE1004518//METALLOTHIONEIN 10-III (MT-10-III).//0.91:28:42//MYTILUS EDULIS (BLUE MUSSEL).//
 P80248
 F-PLACE1004548//DIHYDROPYRIDINE-SENSITIVE L-TYPE, SKELETAL MUSCLE CALCIUM CHANNEL GAM-
 MA SUBUNIT.//0.94:75:32//ORYCTOLAGUS CUNICULUS (RABBIT).//P19518
 F-PLACE1004550//CUTICLE COLLAGEN 2.//0.90:155:31//CAENORHABDITIS ELEGANS.//P17656
 30 F-PLACE1004564//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100
 KD SUBUNIT).//3.2e-70:121:100//BOS TAURUS (BOVINE).//Q10568
 F-PLACE1004629//PROTEIN OS-9 PRECURSOR.//1.7e-10:132:36//HOMO SAPIENS (HUMAN).//Q13438
 F-PLACE1004645//TRANSCRIPTION INITIATION FACTOR IIB HOMOLOG (TFIIB).//0.00036:100:30//PYRO-
 COCCUS FURIOSUS.//Q51731
 35 F-PLACE1004646//PROBABLE UDP-GALACTOPYRANOSE MUTASE (EC 5.4.99.9).//0.91:58:29//KLEBSIELLA
 PNEUMONIAE.//Q48481
 F-PLACE1004658//GLUTAMATE [NMDA] RECEPTOR SUBUNIT EPSILON 4 PRECURSOR (N-METHYL D-AS-
 PARTATE RECEPTOR SUBTYPE 2D) (NR2D) (NMDAR2D).//0.031:134:32//MUS MUSCULUS (MOUSE).//
 Q03391
 40 F-PLACE1004664//HYPOTHETICAL 180.2 KD PROTEIN IN FAA4-HOR7 INTERGENIC REGION.//0.025:125:
 20//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q04781
 F-PLACE1004672//HYPOTHETICAL 36.7 KD PROTEIN C2F7:14C IN CHROMOSOME I.//7.6e-52:158:56//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09704
 F-PLACE1004674//PROBABLE CALCIUM-BINDING PROTEIN ALG-2 (PMP41) (ALG-257).//1.4e-88:144:93//
 45 MUS MUSCULUS (MOUSE).//P12815
 F-PLACE1004681//CCR4-ASSOCIATED FACTOR 1 (CAF1).//1.0e-34:70:100//MUS MUSCULUS (MOUSE).//
 Q60809
 F-PLACE1004686//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.4e-08:48:62//HOMO SAPIENS (HUMAN).//
 P39192
 50 F-PLACE1004691//METALLOTHIONEIN (MT).//0.064:24:45//ARIANTA ARBUSTORUM.//P55946
 F-PLACE1004693
 F-PLACE1004716//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:27:37//PAN PANISCUS (PYGMY
 CHIMPANZEE) (BONOBO).//Q35587
 F-PLACE1004722//HYPOTHETICAL 61.5 KD PROTEIN IN CLA4-MID1 INTERGENIC REGION.//0.95:53:33//
 55 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P48565
 F-PLACE1004736//NEURONAL AXONAL MEMBRANE PROTEIN NAP-22.//0.014:163:30//RATTUS NORVEGI-
 CUS (RAT).//Q05175
 F-PLACE1004740//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.9e-09:37:70//HOMO SAPIENS (HUMAN).//

P39194
 F-PLACE1004743//HYPOTHETICAL 12.6 KD PROTEIN IN ALGR3 3'REGION.//0.99:72:33//PSEUDOMONAS
 AERUGINOSA.//P21484
 5 F-PLACE1004751//CMP-N-ACETYLNEURAMINATE-BETA-GALACTOSAMIDE-ALPHA-2,3-SIALYLTRANS-
 FERASE (EC 2.4.99.-) (BETA-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERASE) (ST3GALIII) (ALPHA 2,3-ST
 (GAL-NAC6S) (STZ) (SIAT4-C) (SAT-3) (ST-4).//2.2e-08:90:38//HOMO SAPIENS (HUMAN).//Q11206
 F-PLACE1004773//ANKYRIN R (ANKYRINS 2.1 AND 2.2) (ERYTHROCYTE ANKYRIN).//3.2e-25:233:32//HOMO
 SAPIENS (HUMAN).//P16157
 10 F-PLACE1004777//N-CHIMAERIN (NC) (N-CHIMERIN) (ALPHA CHIMERIN) (A-CHIMAERIN).//8.1e-26:210:30//
 RATTUS NORVEGICUS (RAT).//P30337
 F-PLACE1004793//ENV POLYPROTEIN [CONTAINS: COAT PROTEIN GP52; COAT PROTEIN GP36].//0.00062:
 106:25//MOUSE MAMMARY TUMOR VIRUS (STRAIN BR6).//P10259
 F-PLACE1004804
 F-PLACE1004813//HYPOTHETICAL PROTEIN UL12.//1.0:22:40//HUMAN CYTOMEGALOVIRUS (STRAIN
 15 AD169).//P16777
 F-PLACE1004814//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II.//2.8e-06:136:25//
 CAENORHABDITIS ELEGANS.//Q09217
 F-PLACE1004815
 F-PLACE1004824//HYPOTHETICAL 106.7 KD PROTEIN IN MUP1-SPR3 INTERGENIC REGION.//2.3e-09:70:
 20 38//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53236
 F-PLACE1004827//HYPOTHETICAL 9.4 KD PROTEIN IN FLAL 3'REGION (ORF3).//0.54:25:56//BACILLUS LI-
 CHENIFORMIS.//P22754
 F-PLACE1004836//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.0066:12:66//BOS TAURUS (BOVINE).//P20072
 F-PLACE1004838
 25 F-PLACE1004840
 F-PLACE1004868//MALE STERILITY PROTEIN 2.//4.0e-16:172:30//ARABIDOPSIS THALIANA (MOUSE-EAR
 CRESS).//Q08891
 F-PLACE1004885
 F-PLACE1004900//MAST CELL DEGRANULATING PEPTIDE PRECURSOR (MCDP) (MCD) (PEPTIDE 401).//
 30 1.0:23:47//APIS MELLIFERA (HONEYBEE).//P01499
 F-PLACE1004902//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE
 SPAC10F6.02C.//7.3e-15:94:47//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O42643
 F-PLACE1004913//HYPOTHETICAL 7.2 KD PROTEIN IN BCSA-DEGR INTERGENIC REGION.//1.0:42:33//BA-
 CILLUS SUBTILIS.//P54165
 35 F-PLACE1004918//HYPOTHETICAL 12.4 KD PROTEIN IN RPS21B-MRS3 INTERGENIC REGION.//0.98:50:34//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47012
 F-PLACE1004930//HYPOTHETICAL PROTEIN MJ0562.//0.82:44:36//METHANOCOCCUS JANNASCHII.//
 Q57982
 F-PLACE1004934
 40 F-PLACE1004937//HYPOTHETICAL 67.1 KD TRP-ASP REPEATS CONTAINING PROTEIN C57A10.05C IN
 CHROMOSOME I.//9.0e-10:87:33//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P87053
 F-PLACE1004969//HYPOTHETICAL 55.1 KD PROTEIN B0416.5 IN CHROMOSOME X.//4.0e-14:184:25//
 CAENORHABDITIS ELEGANS.//Q11073
 F-PLACE1004972//BROMELAIN INHIBITOR 2 (BI-II) (BROMELAIN INHIBITOR VI) (BI-VI).//1.0:35:37//ANANAS
 45 COMOSUS (PINEAPPLE).//P27478
 F-PLACE1004979//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//5.3e-30:55:72//HOMO SAPIENS (HUMAN).//
 P39192
 F-PLACE1004982//M PROTEIN, SEROTYPE 12 PRECURSOR (FRAGMENT).//0.00049:124:27//STREPTO-
 COCCUS PYOGENES.//P19401
 50 F-PLACE1004985//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:26:34//LUMBRICUS TERRESTRIS
 (COMMON EARTHWORM).//Q34942
 F-PLACE1005026//TELOMERE-BINDING PROTEIN HOMOLOG.//0.0011:179:27//EUPLOTES CRASSUS.//
 Q06183
 F-PLACE1005027
 55 F-PLACE1005046//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.082:44:36//BOS TAURUS (BOVINE).//P20072
 F-PLACE1005052//MALE SPECIFIC SPERM PROTEIN MST84DD.//0.38:36:44//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01645
 F-PLACE1005055

F-PLACE1005066//RING CANAL PROTEIN (KELCH PROTEIN)//2.9e-38:194:39//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q04652
 F-PLACE1005077
 5 F-PLACE1005085//INSECT TOXIN 1 (BOT IT1)//0.85:36:33//BUTHUS OCCITANUS TUNETANUS (COMMON EUROPEAN SCORPION)//P55902
 F-PLACE1005086//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//8.5e-38:93:76//HOMO SAPIENS (HUMAN)//P39194
 F-PLACE1005101//HYPOTHETICAL PROTEIN ZAP128 (FRAGMENT)//1.6e-11:35:100//HOMO SAPIENS (HUMAN)//P49753
 10 F-PLACE1005102//ZINC FINGER PROTEIN 151 (POLYOMAVIRUS LATE INITIATOR PROMOTER BINDING PROTEIN) (LP-1) (ZINC FINGER PROTEIN Z13)//3.0e-14:110:38//MUS MUSCULUS (MOUSE)//Q60821
 F-PLACE1005108//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF)//0.41:35:34//BOS TAURUS (BOVINE)//P37359
 F-PLACE1005111//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L) (CHARGERIN II)//1.0:29:41//RATTUS NORVEGICUS (RAT)//P11608
 15 F-PLACE1005128//RABPHILIN-3A (FRAGMENT)//5.9e-05:95:36//MUS MUSCULUS (MOUSE)//P47708
 F-PLACE1005146//FIBROBLAST GROWTH FACTOR INDUCIBLE PROTEIN 15 (FIN15)//0.17:48:35//MUS MUSCULUS (MOUSE)//Q61075
 F-PLACE1005162//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.0e-31:60:76//HOMO SAPIENS (HUMAN)//P39189
 20 F-PLACE1005176
 F-PLACE1005181//HYPOTHETICAL 7 KD PROTEIN//1.0:31:45//MEASLES VIRUS (STRAIN HALLE) (SUBCUTE SCLEROSE PANENCEPHALITIS VIRUS)//P06831
 F-PLACE1005187//GLUCAN SYNTHASE-1 (EC 2.4.1.34) (1,3-BETA-GLUCAN SYNTHASE) (UDP-GLUCOSE-1,3-BETA-D-GLUCAN GLUCOSYLTRANSFERASE)//0.0025:58:34//NEUROSPORA CRASSA//P38678
 25 F-PLACE1005206//HYPOTHETICAL 10.7 KD PROTEIN//0.34:57:42//VACCINIA VIRUS (STRAIN COPENHAGEN)//P20511
 F-PLACE1005232//AMELOGENIN, Y ISOFORM PRECURSOR//0.70:60:35//HOMO SAPIENS (HUMAN)//Q99218
 30 F-PLACE1005243//SERINE/THREONINE PROTEIN KINASE PKPA (EC 2.7.1.-)//0.0017:114:27//PHYCOMYCES BLAKESLEEANUS//Q01577
 F-PLACE1005261//HYPOTHETICAL 90.8 KD PROTEIN T05H10.7 IN CHROMOSOME II//1.2e-38:206:41//CAENORHABDITIS ELEGANS//Q10003
 F-PLACE1005266
 35 F-PLACE1005277//PROTEIN GURKEN PRECURSOR//0.58:95:29//DROSOPHILA MELANOGASTER (FRUIT FLY)//P42287
 F-PLACE1005287//INNER CENTROMERE PROTEIN (INCENP)//2.0e-12:211:29//GALLUS GALLUS (CHICKEN)//P53352
 F-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL (EC 2.7.4.10) (AK3)//1.8e-78:205:78//BOS TAURUS (BOVINE)//P08760
 40 F-PLACE1005308//WOUND-INDUCED BASIC PROTEIN//0.99:40:40//PHASEOLUS VULGARIS (KIDNEY BEAN) (FRENCH BEAN)//Q09020
 F-PLACE1005313//HYPOTHETICAL 8.7 KD PROTEIN IN LEUX-FECE INTERGENIC REGION (O67)//0.15:36:41//ESCHERICHIA COLI//P39355
 45 F-PLACE1005327//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS)//1.0:19:52//HOMO SAPIENS (HUMAN)//P30808
 F-PLACE1005331//BREAKPOINT CLUSTER REGION PROTEIN//0.00021:98:35//HOMO SAPIENS (HUMAN)//P11274
 F-PLACE1005335//IROQUOIS-CLASS HOMEODOMAIN PROTEIN IRX-3//0.37:98:33//MUS MUSCULUS (MOUSE)//P81067
 50 F-PLACE1005373//PSEUDOURIDYLATE SYNTHASE 4 (EC 4.2.1.70) (PSEUDOURIDINE SYNTHASE 4) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLASE)//0.010:96:28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P48567
 F-PLACE1005374
 55 F-PLACE1005409
 F-PLACE1005453//LICHENASE PRECURSOR (EC 3.2.1.73) (ENDO-BETA-1,3-1,4 GLUCANASE)//1.0:50:32//NICOTIANA PLUMBAGINIFOLIA (LEADWORT-LEAVED TOBACCO)//P07979
 F-PLACE1005467//KERATIN, FEATHER (F-KER)//0.0095:42:35//LARUS NOVAE-HOLLANDIAE (SILVER

GULL).//P02451
 F-PLACE1005471//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0.23:49:32//PHYTOPH-
 THORA INFESTANS (POTATO LATE BLIGHT FUNGUS).//Q37598
 F-PLACE1005477//HYPOTHETICAL PROTEIN ORF-1137.//9.6e-13:115:38//MUS MUSCULUS (MOUSE).//
 5 P11260
 F-PLACE1005480//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT).//0.97:33:30//HORDEUM VULGARE (BAR-
 LEY).//P17991
 F-PLACE1005481//HUNCHBACK PROTEIN (FRAGMENT).//0.30:52:38//APIS MELLIFERA (HONEYBEE).//
 P31504
 10 F-PLACE1005494//TRANSIENT-RECEPTOR-POTENTIAL PROTEIN.//3.9e-05:87:33//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P19334
 F-PLACE1005502
 F-PLACE1005526//IMMEDIATE-EARLY PROTEIN IE180.//4.6e-05:132:32//PSEUDORABIES VIRUS (STRAIN
 KAPLAN) (PRV).//P33479
 15 F-PLACE1005528//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//3.4e-09:31:74//HOMO SAPIENS (HUMAN).//
 P39195
 F-PLACE1005530//HYPOTHETICAL 47.6 KD PROTEIN C16C10.5 IN CHROMOSOME III.//9.7e-50:148:58//
 CAENORHABDITIS ELEGANS.//Q09251
 F-PLACE1005550//HYPOTHETICAL 40.2 KD PROTEIN K12H4.3 IN CHROMOSOME III.//3.0e-21:127:37//
 20 CAENORHABDITIS ELEGANS.//P34524
 F-PLACE1005554//CYTOCHROME B (EC 1.10.2.2) (FRAGMENT).//0.84:38:31//DIPODOMYS CALIFORNICUS
 (KANGAROO RAT).//P16359
 F-PLACE1005557//60S RIBOSOMAL PROTEIN L27.//4.8e-09:60:48//CRYPTOCOCCUS NEOFORMANS (FILO-
 BASIDIELLA NEOFORMANS).//P46288
 25 F-PLACE1005574//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.89:44:29//BOS TAURUS (BOVINE).//
 P03929
 F-PLACE1005584//MALE SPECIFIC SPERM PROTEIN MST87F.//0.00030:33:48//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P08175
 F-PLACE1005595//IMMEDIATE-EARLY PROTEIN IE180.//0.00048:162:30//PSEUDORABIES VIRUS (STRAIN
 30 INDIANA-FUNKHAUSER / BECKER) (PRV).//P11675
 F-PLACE1005603//HIGH-MOBILITY-GROUP PROTEIN (NONHISTONE CHROMOSOMAL PROTEIN).//
 0.00034:83:30//TETRAHYMENA PYRIFORMIS.//P40625
 F-PLACE1005611//DNAJ PROTEIN.//8.6e-20:108:48//CLOSTRIDIUM ACETOBUTYLICUM.//P30725
 F-PLACE1005623//EXTRACELLULAR SIGNAL-REGULATED KINASE 5 (EC 2.7.1.-) (ERK5) (ERK4) (BMK1 KI-
 35 NASE).//0.80:116:31//HOMO SAPIENS (HUMAN).//Q13164
 F-PLACE1005630//INTERLEUKIN-14 PRECURSOR (IL-14) (HIGH MOLECULAR WEIGHT B-CELL GROWTH
 FACTOR) (HMW-BCGF).//0.0024:74:39//HOMO SAPIENS (HUMAN).//P40222
 F-PLACE1005639//EXTRACELLULAR MATRIX PROTEIN 1 (SECRETORY COMPONENT P85) (FRAGMENT).//
 0.72:18:61//RATTUS NORVEGICUS (RAT).//Q62894
 40 F-PLACE1005646//RNA HELICASE-LIKE PROTEIN DB10.//4.8e-29:172:45//NICOTIANA SYLVESTRIS (WOOD
 TOBACCO).//P46942
 F-PLACE1005656//RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M2 CHAIN (EC 1.17.4.1) (RIBONUCLE-
 OTIDE REDUCTASE).//3.7e-64:133:75//MESOCRICETUS AURATUS (GOLDEN HAMSTER).//Q60561
 F-PLACE1005666//CHLOROPLAST 50S RIBOSOMAL PROTEIN L28.//0.57:36.41//PORPHYRA PURPUREA.//
 45 P51224
 F-PLACE1005698//HYPOTHETICAL PROTEIN IN SIGD 3'REGION (ORFC) (FRAGMENT).//0.50:61:29//BACIL-
 LUS SUBTILIS.//P40405
 F-PLACE1005727//ANTER-SPECIFIC PROLINE-RICH PROTEIN APG (PROTEIN CEX) (FRAGMENT).//0.46:
 27:51//BRASSICA NAPUS (RAPE).//P40603
 50 F-PLACE1005730//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENT).//0.95:21:52//ORYCTOLAGUS CUNICULUS
 (RABBIT).//P02456
 F-PLACE1005739//INTERFERON-GAMMA INDUCIBLE PROTEIN MG11.//3.4e-46:111:53//MUS MUSCULUS
 (MOUSE).//Q60710
 F-PLACE1005755//HYPOTHETICAL 70.2 KD PROTEIN IN GSH1-CHS6 INTERGENIC REGION.//2.6e-12:66:
 55 51//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P42951
 F-PLACE1005763//S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN (EC 3.1.2.14)
 (THIOESTERASE II).//1.5e-26:69:57//RATTUS NORVEGICUS (RAT).//P08635
 F-PLACE1005799//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//0.028:96:32//HOMO

SAPIENS (HUMAN).//P26371
 F-PLACE1005802//PROTEIN PROSPERO.//0.86:64:42//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 P29617
 F-PLACE1005803//MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD116.//1.0:95:25//MUS
 5 MUSCULUS (MOUSE).//P17564
 F-PLACE1005804//PROCESSING ALPHA-1,2-MANNOSIDASE (EC 3.2.1.-) (ALPHA-1,2-MANNOSIDASE 1B).//
 2.8e-73:198:73//MUS MUSCULUS (MOUSE).//P39098
 F-PLACE1005813//HYPOTHETICAL 49.0 KD PROTEIN IN NSP1-KAR2 INTERGENIC REGION.//0.022:78:38//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47057
 10 F-PLACE1005828//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.8e-23:56:76//HOMO SAPIENS (HUMAN).//
 P39195
 F-PLACE1005834//LATE CONTROL GENE B PROTEIN (GPB).//0.97:33:39//BACTERIOPHAGE 186.//P08711
 F-PLACE1005845
 F-PLACE1005850//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//5.5e-28:96:73//HOMO SAPIENS (HUMAN).//
 15 P39194
 F-PLACE1005851
 F-PLACE1005876//CLEAVAGE AND POLYADENYLATION SPECIFICITY FACTOR, 100 KD SUBUNIT (CPSF 100
 KD SUBUNIT).//2.2e-99:155:95//BOS TAURUS (BOVINE).//Q10568
 F-PLACE1005884
 20 F-PLACE1005890//BEM46 PROTEIN (FRAGMENT).//1.8e-33:137:49//SCHIZOSACCHAROMYCES POMBE
 (FISSION YEAST).//P54069
 F-PLACE1005898//NADH-UBIQUINONE OXIDOREDUCTASE MLRQ SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3)
 (COMPLEX I-MLRQ) (CI-MLRQ).//0.77:58:34//HOMO SAPIENS (HUMAN).//O00483
 F-PLACE1005921//AIG1 PROTEIN.//1.4e-23:165:38//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//
 25 P54120
 F-PLACE1005923//HYPOTHETICAL 22.4 KD PROTEIN (ORF16).//0.90:118:28//PARAMECIUM TETRAURE-
 LIA.//P15617
 F-PLACE1005925//HYPOTHETICAL GENE 30 PROTEIN.//0.94:57:29//HERPESVIRUS SAIMIRI (STRAIN 11).//
 Q01010
 30 F-PLACE1005932//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//
 0.42:128:32//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-PLACE1005934//DNA-DIRECTED RNA POLYMERASE II LARGEST SUBUNIT (EC 2.7.7.6)(RPB1) (FRAG-
 MENT).//0.40:76:35//CRICETULUS GRISEUS (CHINESE HAMSTER).//P11414
 F-PLACE1005936//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN).//0.50:15:66//HUMAN IMMU-
 35 NODEFICIENCY VIRUS TYPE 1 (CLONE 12) (HIV-1).//P04326
 F-PLACE1005951//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//
 0.0025:135:32//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-PLACE1005953//HIGH POTENTIAL IRON-SULFUR PROTEIN (HIPIP).//0.64:57:33//RHODOFERAX FER-
 MENTANS.//P80882
 40 F-PLACE1005955//HYPOTHETICAL 54.2 KD PROTEIN IN ERP5-ORC6 INTERGENIC REGION.//1.0e-32:110:
 50//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38821
 F-PLACE1005966//TACHYPLESIN II PRECURSOR.//0.97:31:35//TACHYPLEUS TRIDENTATUS (JAPANESE
 HORSESHOE CRAB).//P14214
 F-PLACE1005968//GATA FACTOR SREP.//0.17:52:40//PENICILLIUM CHRYSOGENUM.//Q92259
 45 F-PLACE1005990//CELL PATTERN FORMATION-ASSOCIATED PROTEIN.//0.36:55:36//EMERICELLA NIDU-
 LANS (ASPERGILLUS NIDULANS).//P36011
 F-PLACE1006002//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.5e-36:102:75//HOMO SAPIENS (HU-
 MAN).//P39192
 F-PLACE1006003//HYPOTHETICAL 6.8 KD PROTEIN IN COX3-NAD1 INTERGENIC REGION (ORF 61).//1.0:
 50 22:40//MARCHANTIA POLYMORPHA (LIVERWORT).//P38473
 F-PLACE1006011//POLY [ADP-RIBOSE] POLYMERASE (EC 2.4.2.30) (PARP) (ADPRT) (NAD(+) ADP- RIBO-
 SYLTRANSFERASE) (POLY[ADP-RIBOSE] SYNTHETASE).//2.8e-21:163:36//ARABIDOPSIS THALIANA
 (MOUSE-EAR CRESS).//Q11207
 F-PLACE1006017//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.1e-10:43:67//HOMO SAPIENS (HUMAN).//
 55 P39192
 F-PLACE1006037//VITELLOGENIN I PRECURSOR (VTG I) [CONTAINS: LIPOVITELLIN 1 (LV1); PHOSVITIN
 (PV); LIPOVITELLIN 2 (LV2)].//0.00019:123:37//FUNDULUS HETEROCLITUS (KILLIFISH) (MUMMICHOG).//
 Q90508

F-PLACE1006040//CAMP-REGULATED PHOSPHOPROTEIN 19 (ARPP-19).//3.2e-40:110:76//HOMO SAPIENS (HUMAN).//P56211
 F-PLACE1006076//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR A-II.//0.99:30:40//ARACHIS HYPOGAEA (PEANUT).//P01066
 5 F-PLACE1006119//IMPORTIN BETA-3 SUBUNIT (KARYOPHERIN BETA-3 SUBUNIT) (RAN-BINDING PROTEIN 5).//8.8e-94:218:76//HOMO SAPIENS (HUMAN).//O00410
 F-PLACE1006129//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//0.00092:228:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32323
 F-PLACE1006139//HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION.//5.9e-55:128:50//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P43616
 10 F-PLACE1006143//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.4e-25:107:63//HOMO SAPIENS (HUMAN).//P39194
 F-PLACE1006157//E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1) (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM2) (CD62E).//1.3e-21:168:32//SUS SCROFA (PIG).//P98110
 15 F-PLACE1006159//COLD SHOCK INDUCED PROTEIN TIR1 PRECURSOR (SERINE-RICH PROTEIN 1).//0.46:98:29//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P10863
 F-PLACE1006164//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0:70:28:42//ARTEMIA SALINA (BRINE SHRIMP).//P19049
 20 F-PLACE1006167//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//8.9e-05:167:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P08640
 F-PLACE1006170//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT).//1.1e-67:157:88//MUS MUSCULUS (MOUSE).//P17427
 25 F-PLACE1006187//G1/S-SPECIFIC CYCLIN E.//5.6e-75:224:62//HOMO SAPIENS (HUMAN).//P24864
 F-PLACE1006195//T-RELATED PROTEIN (TRP) (BRACHYENTERON PROTEIN).//0.99:177:29//DROSOPHILA MELANOGASTER (FRUIT FLY).//P55965
 F-PLACE1006196//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06.//2.0e-33:183:46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09747
 30 F-PLACE1006205
 F-PLACE1006223//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS).//0.00015:22:50//MUS MUSCULUS (MOUSE).//P15265
 F-PLACE1006225//VIRION INFECTIVITY FACTOR (SOR PROTEIN).//1.0:63:34//HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (NDK ISOLATE) (HIV-1).//P18805
 35 F-PLACE1006236
 F-PLACE1006239//60S ACIDIC RIBOSOMAL PROTEIN P2 (FRAGMENT).//0.48:23:52//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P51407
 F-PLACE1006246//CMP-SIALIC ACID TRANSPORTER (CMP-SIA-TR).//0.012:84:30//MUS MUSCULUS (MOUSE).//Q61420
 40 F-PLACE1006248//140 KD NUCLEOLAR PHOSPHOPROTEIN (NOPP140).//0.017:203:22//RATTUS NORVEGICUS (RAT).//P41777
 F-PLACE1006262//L-FUCULOSE PHOSPHATE ALDOLASE (EC 4.1.2.17).//0.84:25:52//HAEMOPHILUS INFLUENZAE.//P44777
 45 F-PLACE1006288
 F-PLACE1006318//CYSTEINE-RICH ANTIFUNGAL PROTEIN 1 (AFP1) (M1).//1.0:29:48//SINAPIS ALBA (WHITE MUSTARD) (BRASSICA HIRTA).//P30231
 F-PLACE1006325//CYCLIN-DEPENDENT KINASE INHIBITOR 1C (CYCLIN-DEPENDENT KINASE INHIBITOR P57) (P57KIP2).//0.99:97:32//HOMO SAPIENS (HUMAN).//P49918
 50 F-PLACE1006335//PROLINE-RICH PEPTIDE P-B.//0.56:19:52//HOMO SAPIENS (HUMAN).//P02814
 F-PLACE1006357
 F-PLACE1006360
 F-PLACE1006368//NUF1 PROTEIN (SPINDLE POLY BODY SPACER PROTEIN SPC110).//0.0057:122:31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32380
 55 F-PLACE1006371//ARS BINDING PROTEIN 1.//0.00030:142:30//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P49777
 F-PLACE1006382//NEUROTOXIN V.//0.85:28:39//ANDROCTONUS MAURETANICUS MAURETANICUS (SCORPION).//P01482

F-PLACE1006385//HYPOTHETICAL 45.1 KD PROTEIN IN RPS5-ZMS1 INTERGENIC REGION.//3.1e-35:165:47//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47160
 F-PLACE1006412//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//4.3e-08:40:47//HOMO SAPIENS (HUMAN).//P08547
 5 F-PLACE1006414//FORKHEAD-RELATED TRANSCRIPTION FACTOR 4 (FREAC-4).//3.8e-05:123:39//HOMO SAPIENS (HUMAN).//Q16676
 F-PLACE1006438//ZINC FINGER PROTEIN 165.//2.8e-21:76:64//HOMO SAPIENS (HUMAN).//P49910
 F-PLACE1006445//SUPPRESSOR OF HAIRY WING PROTEIN.//0.058:99:29//DROSOPHILA VIRILIS (FRUIT FLY).//Q08876
 10 F-PLACE1006469//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- ACTIVATING ENZYME).//1.8e-64:177:50//ESCHERICHIA COLI.//P27550
 F-PLACE1006470
 F-PLACE1006482//TRANSCRIPTION FACTOR MAFF.//2.0e-47:120:85//GALLUS GALLUS (CHICKEN).//Q90595
 15 F-PLACE1006488//SIGNAL RECOGNITION PARTICLE 68 KD PROTEIN (SRP68).//1.8e-85:173:95//CANIS FAMILIARIS (DOG).//Q00004
 F-PLACE1006492//VERY HYPOTHETICAL 11.2 KD PROTEIN C56F8.13 IN CHROMOSOME I.//0.75:32:56//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10261
 F-PLACE1006506
 20 F-PLACE1006521
 F-PLACE1006531//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III.//1.3e-53:167:61//CAENORHABDITIS ELEGANS.//P34681
 F-PLACE1006534
 F-PLACE1006540
 25 F-PLACE1006552//MYOSIN HEAVY CHAIN, CLONE 203 (FRAGMENT).//1.3e-07:242:23//HYDRA ATTENUATA (HYDRA) (HYDRA VULGARIS).//P39922
 F-PLACE1006598/////ALU SUBFAMILY SB1 WARNING ENTRY !!!!!//0.17:43:51//HOMO SAPIENS (HUMAN).//P39190
 F-PLACE1006615//ACROSIN PRECURSOR (EC 3.4.21.10).//3.6e-05:66:43//ORYCTOLAGUS CUNICULUS (RABBIT).//P48038
 30 F-PLACE1006617//HYPOTHETICAL 14.6 KD PROTEIN (READING FRAME C) (REPUICATION).//1.0:74:29//STAPHYLOCOCCUS AUREUS.//P03861
 F-PLACE1006626//HYPOTHETICAL HELICASE K12H4.8 IN CHROMOSOME III.//2.9e-10:73:46//CAENORHABDITIS ELEGANS.//P34529
 35 F-PLACE1006629//HYPOTHETICAL PROTEIN BB0410.//1.0:23:43//BORRELIA BURGDORFERI (LYME DISEASE SPIROCHETE).//O51371
 F-PLACE1006640
 F-PLACE1006673
 F-PLACE1006678//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENT).//1.0:36:41//ORYCTOLAGUS CUNICULUS (RABBIT).//P02456
 40 F-PLACE1006704//BROAD-COMPLEX CORE-TNT1-Q1-Z1 PROTEIN (BRCORE-TNT1-Q1-Z1) [CONTAINS: BROAD-COMPLEX CORE-Q1-Z1 PROTEIN].//0.00062:157:26//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q01295
 F-PLACE1006731//RIBOFLAVIN KINASE (EC 2.7.1.26) (FLAVOKINASE) / FMN ADENYLYLTRANSFERASE (EC 2.7.7.2) (FAD PYROPHOSPHORYLASE) (FAD SYNTHETASE).//1.3e-07:127:36//CORYNEBACTERIUM AMMONIAGENES (BREVIBACTERIUM AMMONIAGENES).//Q59263
 45 F-PLACE1006754//CARCINOEMBRYONIC ANTIGEN CGM1 PRECURSOR (CD66D ANTIGEN).//1.9e-19:78:53//HOMO SAPIENS (HUMAN).//P40198
 F-PLACE1006760//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT).//0.21:107:30//RATTUS NORVEGICUS (RAT).//P13941
 50 F-PLACE1006779//CYTOTOXIN 5 (CTX V).//1.0:20:30//NAJA MOSSAMBICA (MOZAMBIQUE COBRA).//P25517
 F-PLACE1006782//ZINC FINGER PROTEIN 1.//0.00052:178:28//CANDIDA ALBICANS (YEAST).//P28875
 F-PLACE1006792
 55 F-PLACE1006795//VOLTAGE-GATED POTASSIUM CHANNEL PROTEIN SHAW (SHAW2).//1:0:80:30//DROSOPHILA MELANOGASTER (FRUIT FLY).//P17972
 F-PLACE1006800//HYPOTHETICAL 9.4 KD PROTEIN.//0.99:62:33//VACCINIA VIRUS (STRAIN COPENHAGEN).//P20569
 F-PLACE1006805

F-PLACE1006815//HYPOTHETICAL PROTEIN UL61.//0.038:146:32//HUMAN CYTOMEGALOVIRUS (STRAIN AD169).//P16818
 F-PLACE1006819//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//7.3e-98:239:76//HOMO SAPIENS (HUMAN).//P08547
 5 F-PLACE1006829//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8 (EC 3.1.2.15) (UBIQUITIN THIOLESTERASE 8) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 8) (DEUBIQUITINATING ENZYME 8).//0.061:34:58//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P50102
 F-PLACE1006860
 F-PLACE1006867
 10 F-PLACE1006878//HYPOTHETICAL 8.2 KD PROTEIN IN MOBL 3'REGION (ORF 3).//0.85:27:37//THIOBACILLUS FERROOXIDANS.//P20087
 F-PLACE1006883//VITAMIN D3 RECEPTOR (VDR) (1,25-DIHYDROXYVITAMIN D3 RECEPTOR).//0.78:51:37//MUS MUSCULUS (MOUSE).//P48281
 F-PLACE1006901//HYPOTHETICAL 8.1 KD PROTEIN.//0.99:55:23//VACCINIA VIRUS (STRAIN COPENHAGEN).//P20567
 15 F-PLACE1006904//MATING-TYPE LOCUS ALLELE B1 PROTEIN.//0.95:86:26//USTILAGO MAYDIS (SMUT FUNGUS).//P22015
 F-PLACE1006917//HYPOTHETICAL 40.9 KD PROTEIN C08B11.5 IN CHROMOSOME II.//6.9e-15:101:45//CAENORHABDITIS ELEGANS.//Q09442
 20 F-PLACE1006932//HISTIDINE-RICH, METAL BINDING POLYPEPTIDE.//0.089:28:39//HELICOBACTER PYLORI (CAMPYLOBACTER PYLORI).//Q48251
 F-PLACE1006935//HYPOTHETICAL 95.2 KD PROTEIN R144.6 IN CHROMOSOME III.//0.93:35:48//CAENORHABDITIS ELEGANS.//Q10000
 F-PLACE1006956//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135) (TAFII-130) (TAFII130).//0.00079:122:36//HOMO SAPIENS (HUMAN).//O00268
 25 F-PLACE1006958//OSMOTIC STRESS PROTEIN 94 (HEAT SHOCK 70-RELATED PROTEIN APG-1).//8.8e-70:140:98//MUS MUSCULUS (MOUSE).//P48722
 F-PLACE1006961
 F-PLACE1006962//APOLIPOPROTEIN C-I PRECURSOR (APO-C1).//1.0:25:40//PAPIO HAMADRYAS (HAMADRYAS BABOON).//P34929
 30 F-PLACE1006966//HYPOTHETICAL 49.1 KD PROTEIN IN SSB2-SPX18 INTERGENIC REGION.//1.6e-47:221:45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40160
 F-PLACE1006989//HYPOTHETICAL 13.1 KD HIT-LIKE PROTEIN IN P37 5'REGION.//0.15:46:32//MYCOPLASMA HYORHINIS.//P32083
 35 F-PLACE1007014//36 KD NUCLEOLAR PROTEIN HNP36 (DELAYED-EARLY RESPONSE PROTEIN 12) (DER12).//3.4e-09:120:29//HOMO SAPIENS (HUMAN).//Q14542
 F-PLACE1007021//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//0.00046:42:59//HOMO SAPIENS (HUMAN).//P39188
 F-PLACE1007045//HYPOTHETICAL PROTEIN ORF-1137.//8.1e-14:115:35//MUS MUSCULUS (MOUSE).//P11260
 40 F-PLACE1007053//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.038:48:39//HOMO SAPIENS (HUMAN).//P22531
 F-PLACE1007068//PROTEIN-LYSINE 6-OXIDASE PRECURSOR (EC 1.4.3.13) (LYSYL OXIDASE).//0.0040:113:39//GALLUS GALLUS (CHICKEN).//Q05063
 45 F-PLACE1007097//HYPOTHETICAL 6.8 KD PROTEIN IN HE65-PK2 INTERGENIC REGION.//0.97:47:29//AUTOGRAPHIA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41663
 F-PLACE1007105//HYPOTHETICAL 83.6 KD PROTEIN C15A10.10 IN CHROMOSOME L//2.9e-33:219:37//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O13730
 F-PLACE1007111
 50 F-PLACE1007112//HYPOTHETICAL 9.2 KD PROTEIN.//0.47:75:28//ESCHERICHIA COLI.//P03853
 F-PLACE1007132//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.8e-11:56:57//HOMO SAPIENS (HUMAN).//P39188
 F-PLACE1007140//GAR2 PROTEIN.//0.72:185:24//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P41891
 55 F-PLACE1007178//HYPOTHETICAL 8.5 KD PROTEIN CY274.40C.//0.97:79:30//MYCOBACTERIUM TUBERCULOSIS.//Q10826
 F-PLACE1007226//HYPOTHETICAL 42.6 KD PROTEIN IN GSHB-ANSB INTERGENIC REGION (O378).//1.9e-15:123:32//ESCHERICHIA COLI.//P52062

F-PLACE1007238//MYOSIN HEAVY CHAIN IB (MYOSIN HEAVY CHAIN IL).//5.5e-10:98:44//ACANTHAMOEBA
 CASTELLANII (AMOEBA).//P19706
 F-PLACE1007239//TRANSCRIPTION ELONGATION FACTOR S-II (TRANSCRIPTION ELONGATION FACTOR
 A).//3.9e-19:96:57//HOMO SAPIENS (HUMAN).//P23193
 5 F-PLACE1007242//GUANINE NUCLEOTIDE DISSOCIATION STIMULATOR RALGDS FORM B (RALGEF).//1.0:
 132:30//RATTUS NORVEGICUS (RAT).//Q03386
 F-PLACE1007243//HYPOTHETICAL 53.3 KD PROTEIN IN HXT8-CAN1 INTERGENIC REGION.//0.041:114:29//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39981
 F-PLACE1007257//DIAPHANOUS PROTEIN.//1.3e-42:205:46//DROSOPHILA MELANOGASTER (FRUIT
 10 FLY).//P48608
 F-PLACE1007274//CADMIUM-METALLOTHIONEIN (CD-MT).//0.054:60:30//HELIX POMATIA (ROMAN SNAIL)
 (EDIBLE SNAIL).//P33187
 F-PLACE1007276//BETA-DEFENSIN 1 PRECURSOR (RHBD-1) (DEFENSIN, BETA 1).//1.0:42:28//SUS SCRO-
 FA (PIG).//O62697
 15 F-PLACE1007282//OUTER CAPSID PROTEIN VP4 (HEMAGGLUTININ) (OUTER LAYER PROTEIN VP4) [CON-
 TAINS: OUTER CAPSID PROTEINS VP5 AND VP8].//0.070:126:27//HUMAN ROTAVIRUS (SEROTYPE 4 /
 STRAIN ST. THOMAS 3).//P11200
 F-PLACE1007286
 F-PLACE1007301//HYPOTHETICAL PROTEIN KIAA0168.//0.042:61:39//HOMO SAPIENS (HUMAN).//P50749
 20 F-PLACE1007317
 F-PLACE1007342//PROTEIN GRAINY-HEAD (DNA-BINDING PROTEIN ELF-1) (ELEMENT I-BINDING ACTIV-
 ITY) (TRANSCRIPTION FACTOR NTF-1).//1.7e-06:77:36//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 P13002
 F-PLACE1007346//TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (KRAB-A INTERACTING PROTEIN)
 25 (KRIP-1).//0.0026:147:27//MUS MUSCULUS (MOUSE).//Q62318
 F-PLACE1007367//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.3e-37:110:76//HOMO SAPIENS (HU-
 MAN).//P39189
 F-PLACE1007375//PHORBOL ESTER/DIACYLGLYCEROL-BINDING PROTEIN UNC-13.//4.7e-07:71:39//
 CAENORHABDITIS ELEGANS.//P27715
 30 F-PLACE1007386//HYPOTHETICAL 7.6 KD PROTEIN IN FLO1-PHO11 INTERGENIC REGION.//0.74:48:29//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39561
 F-PLACE1007402//TRANSCRIPTIONAL REGULATORY PROTEIN ENTR (ENTERICIDIN R).//0.99:63:36//CIT-
 ROBACTER FREUNDII.//O69280
 F-PLACE1007409//WHITE PROTEIN.//7.9e-38:179:41//DROSOPHILA MELANOGASTER (FRUIT FLY).//
 35 P10090
 F-PLACE1007416//DIPEPTIDYL PEPTIDASE IV (EC 3.4.14.5) (DPP IV) (T-CELL ACTIVATION ANTIGEN CD26)
 (TP103) (ADENOSINE DEAMINASE COMPLEXING PROTEIN-2) (ADABP).//0.031:159:23//HOMO SAPIENS
 (HUMAN).//P27487
 F-PLACE1007450//ZINC FINGER PROTEIN 39 (ZINC FINGER PROTEIN KOX27) (FRAGMENT).//0.023:36:50//
 40 HOMO SAPIENS (HUMAN).//P17038
 F-PLACE1007452//HYPOTHETICAL 22.1 KD PROTEIN IN CCP1-MET1 INTERGENIC REGION.//2.2e-18:85:
 54//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36149
 F-PLACE1007454//PHOTOSYSTEM II REACTION CENTRE N PROTEIN.//0.66:13:53//CHLAMYDOMONAS RE-
 INHARDTII.//Q06480
 45 F-PLACE1007460//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.93:45:33//SUS SCROFA (PIG).//Q35914
 F-PLACE1007478//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//5.3e-08:50:56//MUS MUSCULUS (MOUSE).//P11369
 F-PLACE1007484//HYPOTHETICAL 6.8 KD PROTEIN IN REPLICATION ORIGIN REGION.//0.87:43:37//ES-
 CHERICHIA COLI.//P03849
 50 F-PLACE1007488//PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/RAC GEF) (FA-
 CIOGENITAL DYSPLASIA PROTEIN).//1.2e-25:202:31//HOMO SAPIENS (HUMAN).//P98174
 F-PLACE1007507//HYPOTHETICAL 16.0 KD PROTEIN IN TAF60-G4P1 INTERGENIC REGION.//0.12:128:25//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53139
 F-PLACE1007511//KERATIN, TYPE I CYTOSKELETAL 19 (CYTOKERATIN 19) (K19) (CK 19).//2.1e-45:209:48//
 55 BOS TAURUS (BOVINE).//P08728
 F-PLACE1007524//HYPOTHETICAL 9.2 KD PROTEIN.//0.74:80:30//VACCINIA VIRUS (STRAIN COPENHA-
 GEN).//P20550
 F-PLACE1007525

F-PLACE1007537//MYOTROPHIN (V-1 PROTEIN) (GRANULE CELL DIFFERENTIATION PROTEIN).//0.045:92:
 30//MUS MUSCULUS (MOUSE), AND RATTUS NORVEGICUS (RAT).//P80144
 F-PLACE1007544//IMMEDIATE-EARLY PROTEIN IE180.//1.5e-07:59:50//PSEUDORABIES VIRUS (STRAIN
 KAPLAN) (PRV).//P33479
 5 F-PLACE1007547//HYPOTHETICAL 97.1 KD PROTEIN R05D3.4 IN CHROMOSOME III.//2.5e-16:188:34//
 CAENORHABDITIS ELEGANS.//P34537
 F-PLACE1007557
 F-PLACE1007583//PROLINE RICH 33 KD EXTENSIN-RELATED PROTEIN PRECURSOR (FRAGMENT).//0.98:
 72:33//DAUCUS CAROTA (CARROT).//P06600
 10 F-PLACE1007598//ZINC FINGER PROTEIN 92 (ZINC FINGER PROTEIN HTF12) (FRAGMENT).//1.7e-11:88:
 43//HOMO SAPIENS (HUMAN).//Q03936
 F-PLACE1007618//ANION EXCHANGE PROTEIN 2 (NON-ERYTHROID BAND 3-LIKE PROTEIN) (B3RP).//0.19:
 109:27//MUS MUSCULUS (MOUSE).//P13808
 F-PLACE1007621//PHOSPHATE REGULON SENSOR PROTEIN PHOR (EC 2.7.3.-) (FRAGMENT).//0.98:34:
 15 41//PSEUDOMONAS AERUGINOSA.//P23621
 F-PLACE1007632//COLLAGEN ALPHA 2(I) CHAIN (FRAGMENT).//0.70:110:34//BOS TAURUS (BOVINE).//
 P02465
 F-PLACE1007645//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.99:20:45//STRUTHIO CAMELUS (OS-
 TRICH).//O21401
 20 F-PLACE1007649//GLUCOAMYLASE S1/S2 PRECURSOR (EC 3.2.1.3) (GLUCAN 1,4-ALPHA- GLUCOSI-
 DASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE).//8.1e-06:197:26//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P08640
 F-PLACE1007677//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.0:47:46//HOMO SAPIENS (HUMAN).//
 P39192
 25 F-PLACE1007688//LA PROTEIN HOMOLOG (LA RIBONUCLEOPROTEIN) (LA AUTOANTIGEN HOMOLOG).//
 2.7e-06:116:28//AEDES ALBOPICTUS (FOREST DAY MOSQUITO).//Q26457
 F-PLACE1007690//SPERM PROTAMINE P1.//0.12:26:50//TACHYGLOSSUS ACULEATUS ACULEATUS (AUS-
 TRALIAN ECHIDNA).//P35311
 F-PLACE1007697//SPERM PROTAMINE P1.//0.19:34:52//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH
 30 AMERICAN OPOSSUM), AND MONDELPHIS DOMESTICA (SHORT-TAILED GREY OPOSSUM).//P35305
 F-PLACE1007705//BIOH PROTEIN.//0.015:97:29//ESCHERICHIA COLI.//P13001
 F-PLACE1007706//HYPOTHETICAL 112.2 KD PROTEIN IN TIF35-NPL3 INTERGENIC REGION (ORF1).//5.3e-
 55:190:56//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32898
 F-PLACE1007725
 35 F-PLACE1007729//PROTEASE (EC 3.4.23.-).//1.8e-21:136:42//MOUSE MAMMARY TUMOR VIRUS (STRAIN
 BR6).//P10271
 F-PLACE1007730//SALIVARY PROLINE-RICH PROTEIN II-1 (FRAGMENT).//0.0031:77:40//HOMO SAPIENS
 (HUMAN).//P81489
 F-PLACE1007737//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.78:39:56//HOMO SAPIENS (HUMAN).//
 40 P39195
 F-PLACE1007743
 F-PLACE1007746//RRP5 PROTEIN HOMOLOG (KIAA0185) (FRAGMENT).//0.0066:168:25//HOMO SAPIENS
 (HUMAN).//Q14690
 F-PLACE1007791//KRUEPPEL PROTEIN (FRAGMENT).//0.62:17:41//LITHOBIUS FORFICATUS.//Q01872
 45 F-PLACE1007807//HYPOTHETICAL 6.4 KD PROTEIN IN BLTR-SPOIIC INTERGENIC REGION.//1.0:40:30//BA-
 CILLUS SUBTILIS.//P54446
 F-PLACE1007810//ANTHOPLEURIN A (TOXIN AP-A).//0.79:28:46//ANTHOPLEURA XANTHOGRAMMICA (GI-
 ANT GREEN SEA ANEMONE).//P01530
 F-PLACE1007829//SPORE COAT PROTEIN G.//1.0:65:38//BACILLUS SUBTILIS.//P39801
 50 F-PLACE1007843
 F-PLACE1007846//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.5e-32:37:94//HOMO SAPIENS (HU-
 MAN).//P08547
 F-PLACE1007852//RHO-RELATED GTP-BINDING PROTEIN RHOH (GTP-BINDING PROTEIN TTF).//8.7e-05:
 138:30//HOMO SAPIENS (HUMAN).//Q15669
 55 F-PLACE1007858//ANAPHASE SPINDLE ELONGATION PROTEIN.//0.0039:127:25//SACCHAROMYCES CER-
 EVISIAE (BAKER'S YEAST).//P50275
 F-PLACE1007866
 F-PLACE1007877

F-PLACE1007897//CD44 ANTIGEN PRECURSOR (PHAGOCYTTIC GLYCOPROTEIN I) (PGP-1) (HUTCH-I) (EX-
 TRACELLULAR MATRIX RECEPTOR-III) (ECMR-III) (GP90 LYMPHOCYTE HOMING/ADHESION RECEPTOR)
 (HERMES ANTIGEN) (HYALURONATE RECEPTOR) (HEPARAN SULFATE PROTEOGLYCAN) (HAM1 ANTI-
 GEN).//0.44:128:28//MESOCRICETUS AURATUS (GOLDEN HAMSTER).//Q60522
 5 F-PLACE1007908//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//5.5e-28:61:65//HOMO SAPIENS (HUMAN).//
 P39192
 F-PLACE1007946//HYPOTHETICAL MERCURIC RESISTANCE PROTEIN MERC.//0.84:48:37//PSEU-
 DOMONAS AERUGINOSA.//P04139
 F-PLACE1007954//HYPOTHETICAL 45.5 KD PROTEIN IN FIG1-GIP1 INTERGENIC REGION.//0.00070:96:29//
 10 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38226
 F-PLACE1007955//HYPOTHETICAL 84.3 KD PROTEIN ZK945.10 IN CHROMOSOME II.//0.00027:255:23//
 CAENORHABDITIS ELEGANS.//Q09625
 F-PLACE1007958//HIGH-AFFINITY CAMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE (EC 3.1.4.17).//
 1.7e-09:127:30//MUS MUSCULUS (MOUSE).//P70453
 15 F-PLACE1007969//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//2.4e-05:104:37//
 AUTOGRAPHA CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMPNV).//P41479
 F-PLACE1007990//SPERM PROTAMINE P1.//0.78:36:47//ORNITHORHYNCHUS ANATINUS (DUCKBILL PLAT-
 YPUS).//P35307
 F-PLACE1008000//CHANNEL ASSOCIATED PROTEIN OF SYNAPSE-110 (CHAPSYN-110) (SYNAPTIC DEN-
 20 SITY PROTEIN PSD-93).//1.2e-16:128:39//RATTUS NORVEGICUS (RAT).//Q63622
 F-PLACE1008002
 F-PLACE1008044//NUCLEAR PORE COMPLEX PROTEIN NUP107 (NUCLEOPORIN NUP107) (107 KD NU-
 CLEOPORIN) (P105).//3.9e-106:208:93//RATTUS NORVEGICUS (RAT).//P52590
 F-PLACE1008045//COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENTS).//3.9e-09:49:53//BOS TAURUS (BO-
 25 VINE).//P25508
 F-PLACE1008080//RNA REPLICASE POLYPROTEIN (EC 2.7.7.48).//0.00025:100:27//EGGPLANT MOSAIC VI-
 RUS.//P20126
 F-PLACE1008095//PROTOPORPHYRINOGEN OXIDASE (EC 1.3.3.4) (PPO).//0.90:74:25//MYCOBACTERIUM
 TUBERCULOSIS.//O53230
 30 F-PLACE1008111//HYPOTHETICAL PROTEIN MJCS12.//0.30:38:42//METHANOCOCCUS JANNASCHII.//
 Q60311
 F-PLACE1008122//PEA2 PROTEIN (PPF2 PROTEIN).//0.0085:117:34//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P40091
 F-PLACE1008129//PROCOLLAGEN ALPHA 2(I) CHAIN PRECURSOR (FRAGMENTS).//1.8e-06:154:36//GAL-
 35 LUS GALLUS (CHICKEN).//P02467
 F-PLACE1008132//HYPOTHETICAL 127.4 KD PROTEIN F07F6.4 IN CHROMOSOME III.//1.4e-13:227:36//
 CAENORHABDITIS ELEGANS.//Q09531
 F-PLACE1008177//TRICHOHYALIN.//2.7e-10:230:26//OVIS ARIES (SHEEP).//P22793
 F-PLACE1008181
 40 F-PLACE1008198//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//0.00044:121:34//
 XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P17437
 F-PLACE1008201//ZINC FINGER PROTEIN ZFMSA12A.//3.0e-05:82:37//MICROPTERUS SALMOIDES
 (LARGEMOUTH BASS).//P38621
 F-PLACE1008209//METALLOTHIONEIN-I (MT-I).//0.95:39:35//CERCOPITHECUS AETHIOPS (GREEN MON-
 45 KEY) (GRIVET).//P02797
 F-PLACE1008231//PROCYCLIC FORM SPECIFIC POLYPEPTIDE B1-ALPHA PRECURSOR (PROCYCLIN)
 (PARP).//0.028:23:52//TRYPANOSOMA BRUCEI BRUCEI.//P08469
 F-PLACE1008244//VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.//2.2e-23:148:38//PODOSPORA AN-
 SERINA.//Q00808
 50 F-PLACE1008273//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//1.1e-97:222:
 81//BOS TAURUS (BOVINE).//P53620
 F-PLACE1008275//DNA REPAIR PROTEIN REV1 (EC 2.7.7.-).//5.8e-20:161:37//SACCHAROMYCES CEREVI-
 SIAE (BAKER'S YEAST).//P12689
 F-PLACE1008280//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//6.1e-23:124:42//HOMO SAPIENS (HU-
 55 MAN).//P08547
 F-PLACE1008309//HYPOTHETICAL 98.3 KD PROTEIN C9G1.06C IN CHROMOSOME I.//0.47:99:37//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14302
 F-PLACE1008329//PUTATIVE Z PROTEIN.//0.73:52:28//OVIS ARIES (SHEEP).//P08105

F-PLACE1008330//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/9.0e-37:75:81//HOMO SAPIENS (HUMAN).//
 P39194
 F-PLACE1008331//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.1e-08:70:50//HOMO SAPIENS (HUMAN).//
 P39188
 5 F-PLACE1008356//FRUIT PROTEIN PKIWI501./0.0037:148:29//ACTINIDIA CHINENSIS (KIWI) (YANGTAO).//
 P43393
 F-PLACE1008368//RING CANAL PROTEIN (KELCH PROTEIN).//3.5e-18:205:30//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 F-PLACE1008369
 10 F-PLACE1008392
 F-PLACE1008398//GENE 33 POLYPEPTIDE./1.5e-102:225:84//RATTUS NORVEGICUS (RAT).//P05432
 F-PLACE1008401//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//2.9e-08:186:34//MUS MUSCULUS
 (MOUSE).//P05143
 F-PLACE1008402//GENERAL VESICULAR TRANSPORT FACTOR P115 (TRANSCYTOSIS ASSOCIATED
 15 PROTEIN) (TAP).//9.4e-105:207:98//BOS TAURUS (BOVINE).//P41541
 F-PLACE1008405
 F-PLACE1008424//PROTEIN UL56./1.0:65:33//HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN HFEM).//P36297
 F-PLACE1008426//MYOSIN HEAVY CHAIN, NON-MUSCLE (ZIPPER PROTEIN) (MYOSIN II).//4.4e-05:185:28//
 DROSOPHILA MELANOGASTER (FRUIT FLY).//Q99323
 20 F-PLACE1008429//NEURONAL AXONAL MEMBRANE PROTEIN NAP-22./0.00054:172:25//RATTUS NOR-
 VEGICUS (RAT).//Q05175
 F-PLACE1008437//HYPOTHETICAL 115.4 KD PROTEIN ZK757.3 IN CHROMOSOME III./1.9e-23:226:34//
 CAENORHABDITIS ELEGANS.//P34681
 F-PLACE1008455//DNA-BINDING PROTEIN (AGNOPROTEIN).//0.97:23:52//BUDGERIGAR FLEDGLING DIS-
 25 EASE VIRUS (BFDV).//P13893
 F-PLACE1008457//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.1e-12:89:47//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE1008465//ZINC FINGER PROTEIN 31 (ZINC FINGER PROTEIN KOX29) (FRAGMENT).//0.00017:23:
 43//HOMO SAPIENS (HUMAN).//P17040
 30 F-PLACE1008488//HYPOTHETICAL PROTEIN UL61./9.1e-05:204:30//HUMAN CYTOMEGALOVIRUS
 (STRAIN AD169).//P16818
 F-PLACE1008524//HOMEBOX PROTEIN HLX1 (HOMEBOX PROTEIN HB24).//0.95:74:36//HOMO SAPIENS
 (HUMAN).//Q14774
 F-PLACE1008531//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.1e-05:86:45//HOMO SAPIENS (HUMAN).//
 35 P39192
 F-PLACE1008532//HYPOTHETICAL 36.4 KD PROTEIN IN SMP1-MBA1 INTERGENIC REGION.//3.9e-21:62:
 45//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38298
 F-PLACE1008533//HYPOTHETICAL 86.2 KD PROTEIN C4G8.04 IN CHROMOSOME I.//3.5e-06:118:29//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09830
 40 F-PLACE1008568//NEURONATIN./0.046:34:52//HOMO SAPIENS (HUMAN).//Q16517
 F-PLACE1008584//HUNCHBACK PROTEIN (FRAGMENT).//0.94:30:43//LITHOBIUS FORFICATUS.//Q02030
 F-PLACE1008603//NUCLEAR PORE COMPLEX PROTEIN NUP155 (NUCLEOPORIN NUP155) (155 KD NU-
 CLEOPORIN) (P140).//3.9e-123:224:96//RATTUS NORVEGICUS (RAT).//P37199
 F-PLACE1008621//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//5.0e-05:31:67//HOMO SAPIENS
 45 (HUMAN).//P20931
 F-PLACE1008625//DISAGREGIN (PLATELET AGGREGATION ACTIVATION INHIBITOR).//0.87:17:52//ORNI-
 THODOROS MOUBATA (SOFT TICK).//P36235
 F-PLACE1008626//METALLOTHIONEIN-I (MT-I).//0.77:33:36//SCYLLA SERRATA (MUD CRAB).//P02805
 F-PLACE1008627//METALLOTHIONEIN-III (MT-III) (GROWTH INHIBITORY FACTOR) (GIF) (GIFB).//0.14:44:
 50 31//HOMO SAPIENS (HUMAN).//P25713
 F-PLACE1008629
 F-PLACE1008630//PROTAMINE Z3 (SCYLLIORHININE Z3).//0.78:33:36//SCYLLIORHINUS CANICULA (SPOT-
 TED DOGFISH) (SPOTTED CATSHARK).//P30258
 F-PLACE1008643//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H4 PRECURSOR (ITI HEAVY CHAIN
 55 H4) (INTER-ALPHA-TRYPSIN INHIBITOR FAMILY HEAVY CHAIN-RELATED PROTEIN) (PLASMA KALLIKREIN
 SENSITIVE GLYCOPROTEIN 120) (PK-120).//1.7e-30:220:41//HOMO SAPIENS (HUMAN).//Q14624
 F-PLACE1008650//PP1/PP2A PHOSPHATASES PLEIOTROPIC REGULATOR PRL1.//2.5e-10:106:31//ARABI-
 DOPSIS THALIANA (MOUSE-EAR CRESS).//Q42384

F-PLACE1008693//BOWMAN-BIRK TYPE PROTEINASE INHIBITOR (MSTI).//1.0:36:38//MEDICAGO SCUTEL-
 LATA (SNAIL MEDIC).//P80321
 F-PLACE1008696//NADH-UBIQUINONE OXIDOREDUCTASE 23 KD SUBUNIT PRECURSOR (EC 1.6.5.3) (EC
 1.6.99.3) (COMPLEX I-23KD) (CI-23KD) (TYKY SUBUNIT).//4.8e-14:47:80//HOMO SAPIENS (HUMAN).//
 5 O00217
 F-PLACE1008715//HYPOTHETICAL 13.4 KD PROTEIN IN ACT5-YCK1 INTERGENIC REGION.//0.66:105:24//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38834
 F-PLACE1008748//HYPOTHETICAL 57.5 KD PROTEIN IN VMA7-RPS25A INTERGENIC REGION.//0.10:178:
 26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53214
 10 F-PLACE1008757//HYPOTHETICAL 10.1 KD PROTEIN IN RHSD-GCL INTERGENIC REGION (ORFD3).//0.60:
 44:34//ESCHERICHIA COLI.//P33669
 F-PLACE1008790//IMPORTIN ALPHA-6 SUBUNIT (KARYOPHERIN ALPHA-6 SUBUNIT) (IMPORTIN ALPHA
 S2).//3.0e-69:191:80//MUS MUSCULUS (MOUSE).//O35345
 F-PLACE1008798//BACTERIOCIN LACTOBIN A.//1.0:34:41//LACTOBACILLUS AMYLOVORUS.//P80696
 15 F-PLACE1008807//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//0.91:77:36//HOMO SAPIENS (HU-
 MAN).//P08547
 F-PLACE1008808//REC1 PROTEIN.//0.45:39:30//USTILAGO MAYDIS (SMUT FUNGUS).//P14746
 F-PLACE1008813
 F-PLACE1008851//VERY HYPOTHETICAL 11.8 KD PROTEIN IN KTR3-DUR1,2 INTERGENIC REGION.//1.0:
 20 62:30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38309
 F-PLACE1008854//HYPOTHETICAL 182.0 KD PROTEIN IN NMD5-HOM6 INTERGENIC REGION.//1.0:82:26//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47170
 F-PLACE1008867//PATATIN T5 PRECURSOR (POTATO TUBER PROTEIN).//0.65:61:36//SOLANUM TUBERO-
 SUM (POTATO).//P15478
 25 F-PLACE1008887//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.5e-56:180:54//NYCTICEBUS COU-
 CANG (SLOW LORIS).//P08548
 F-PLACE1008902
 F-PLACE1008920
 F-PLACE1008925//HYPOTHETICAL 41.2 KD PROTEIN IN GAPA-RND INTERGENIC REGION.//0.90:77:33//ES-
 30 CHERICHIA COLI.//P76242
 F-PLACE1008934//HYPOTHETICAL PROTEIN IN ADHS 5'REGION (ORF3) (FRAGMENT).//0.14:77:45//GLU-
 CONOBACTER SUBOXDANS.//O05543
 F-PLACE1008941//ZINC FINGER PROTEIN 141.//1.1e-17:45:95//HOMO SAPIENS (HUMAN).//Q15928
 F-PLACE1008947//MAJOR CENTROMERE AUTOANTIGEN B (CENTROMERE PROTEIN B) (CENP-B).//4.1e-
 35 14:136:39//MUS MUSCULUS (MOUSE).//P27790
 F-PLACE1009020//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.74:37:48//BOS TAURUS (BOVINE).//P20072
 F-PLACE1009027//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 4L (EC 1.6.5.3).//0.39:57:36//BALAENOP-
 TERA MUSCULUS (BLUE WHALE).//P41301
 F-PLACE1009039
 40 F-PLACE1009045//HYPOTHETICAL 9.5 KD PROTEIN IN SPEA-METK INTERGENIC REGION (F83).//0.48:32:
 43//ESCHERICHIA COLI.//P46879
 F-PLACE1009048
 F-PLACE1009050
 F-PLACE1009060//HYPOTHETICAL 98.3 KD PROTEIN R10E12.1 IN CHROMOSOME III.//4.9e-23:244:31//
 45 CAENORHABDITIS ELEGANS.//P34552
 F-PLACE1009090//50S RIBOSOMAL PROTEIN L35.//1.0:27:51//MYCOPLASMA GENITALIUM.//P47439
 F-PLACE1009091
 F-PLACE1009094//NEL-LIKE PROTEIN (FRAGMENT).//3.6e-15:180:30//HOMO SAPIENS (HUMAN).//Q92832
 F-PLACE1009099//ZINC FINGER PROTEIN 27 (ZFP-27) (MKR4 PROTEIN) (FRAGMENT).//1.4e-94:228:71//
 50 MUS MUSCULUS (MOUSE).//P10077
 F-PLACE1009110//HIRUDIN HV1 (BUFRUDIN).//1.0:49:34//HIRUDINARIA MANILLENSIS (BUFFALO LEECH).//
 P81492
 F-PLACE1009111//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.4e-05:30:83//HOMO SAPIENS (HUMAN).//
 P39195
 55 F-PLACE1009113//ANNEXIN VII (SYNEXIN) (FRAGMENT).//0.032:40:52//BOS TAURUS (BOVINE).//P20072
 F-PLACE1009130//HYPOTHETICAL PROTEIN KIAA0032.//3.3e-37:214:38//HOMO SAPIENS (HUMAN).//
 Q15034
 F-PLACE1009150//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.6e-32:56:76//HOMO SAPIENS (HUMAN).//

P39195
 F-PLACE1009155//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/1.2e-17:101:57//HOMO SAPIENS (HUMAN).//P39194
 F-PLACE1009158//HYPOTHETICAL PROTEIN HKRFX (J1I).//0.0058:73:42//HUMAN CYTOMEGALOVIRUS (STRAIN AD169).//P09711
 5 F-PLACE1009166//CYTOSOLIC PURINE 5'-NUCLEOTIDASE (EC 3.1.3.5).//0.0086:96:30//HOMO SAPIENS (HUMAN).//P49902
 F-PLACE1009172//HYPOTHETICAL 8.7 KD PROTEIN IN GAPA-RND INTERGENIC REGION.//1.0:19:52//ESCHERICHIA COLI.//P76246
 10 F-PLACE1009174//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.1e-17:47:82//HOMO SAPIENS (HUMAN).//P39194
 F-PLACE1009183
 F-PLACE1009186//HYPOTHETICAL 11.4 KD PROTEIN C13G6.04 IN CHROMOSOME I.//0.019:62:24//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09783
 15 F-PLACE1009190//PALMITOYL-COA HYDROLASE (EC 3.1.2.2) (LONG-CHAIN FATTY-ACYL-COA HYDROLASE) (FRAGMENT).//0.027:53:28//RATTUS NORVEGICUS (RAT).//P80250
 F-PLACE1009200//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/5.4e-28:84:71//HOMO SAPIENS (HUMAN).//P39194
 F-PLACE1009230//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/2.8e-12:50:74//HOMO SAPIENS (HUMAN).//P39189
 20 F-PLACE1009246//UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX 7.8 KD PROTEIN (EC 1.10.2.2) (MITOCHONDRIAL HINGE PROTEIN) (CR7).//1.0:17:52//SOLANUM TUBEROSUM (POTATO).//P48504
 F-PLACE1009298//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS35.//6.6e-41:177:53//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P34110
 25 F-PLACE1009308//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//0.00034:108:33//HOMO SAPIENS (HUMAN).//P26371
 F-PLACE1009319//PRESYNAPTIC DENSITY PROTEIN 95 (PSD-95).//5.3e-16:84:50//HOMO SAPIENS (HUMAN).//P78352
 F-PLACE1009328//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//6.9e-82:263:67//HOMO SAPIENS (HUMAN).//P08547
 30 F-PLACE1009335//60S RIBOSOMAL PROTEIN L32.//0.95:71:36//HOMO SAPIENS (HUMAN), MUS MUSCULUS (MOUSE), AND RATTUS NORVEGICUS (RAT).//P02433
 F-PLACE1009338//TRANSCRIPTION FACTOR HES-5 (HAIRY AND ENHANCER OF SPLIT 5).//0.90:42:40//MUS MUSCULUS (MOUSE).//P70120
 35 F-PLACE1009368//BASIC PROLINE-RICH PEPTIDE IB-1.//0.013:33:48//HOMO SAPIENS (HUMAN).//P04281
 F-PLACE1009375//HYPOTHETICAL 88.1 KD PROTEIN K02D10.1 IN CHROMOSOME III.//0.0022:135:21//CAENORHABDITIS ELEGANS.//P34492
 F-PLACE1009388//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.8e-22:73:65//HOMO SAPIENS (HUMAN).//P39195
 40 F-PLACE1009398//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//8.1e-83:223:65//HOMO SAPIENS (HUMAN).//P51523
 F-PLACE1009404//GLUTENIN, HIGH MOLECULAR WEIGHT SUBUNIT PW212 PRECURSOR.//0.047:145:29//TRITICUM AESTIVUM (WHEAT).//P08489
 45 F-PLACE1009410//TOXIN C13S1C1 PRECURSOR.//0.22:21:47//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAMBA).//P18329
 F-PLACE1009434//NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT K (EC 1.6.5.3) (FRAGMENT).//0.81:61:29//ANTHOCEROS FORMOSAE.//Q31791
 F-PLACE1009443//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66).//9.1e-05:93:32//MUS MUSCULUS (MOUSE).//Q62203
 50 F-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67) (PI4-KINASE) (PTDINS-4-KINASE) (PI4K-ALPHA).//6.4e-15:41:97//HOMO SAPIENS (HUMAN).//P42356
 F-PLACE1009459//HYPOTHETICAL 42.3 KD PROTEIN C12G12.11C IN CHROMOSOME I.//0.0011:119:31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09874
 55 F-PLACE1009468//PHOSPHOLIPASE A-2-ACTIVATING PROTEIN (PLAP).//4.2e-34:101:75//RATTUS NORVEGICUS (RAT).//P54319
 F-PLACE1009476//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.086:21:52//HOMO SAPIENS (HUMAN).//P30808
 F-PLACE1009477

F-PLACE1009493//HYPOTHETICAL 127.3 KD PROTEIN B0416.1 IN CHROMOSOME X.//1.4e-18:138:39//
 CAENORHABDITIS ELEGANS.//Q11069
 F-PLACE1009524//ARF NUCLEOTIDE-BINDING SITE OPENER (ARNO PROTEIN) (ARF EXCHANGE FAC-
 TOR).//9.4e-80:155:85//HOMO SAPIENS (HUMAN).//Q99418
 5 F-PLACE1009539//GTP-BINDING NUCLEAR PROTEIN RAN/TC4.//1.0:76:26//GIARDIA LAMBLIA (GIARDIA IN-
 TESTINALIS).//P38543
 F-PLACE1009542//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.00016:31:77//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE1009571//ATP SYNTHASE B CHAIN (EC 3.6.1.34) (SUBUNIT I).//0.88:116:29//STREPTOCOCCUS
 10 PNEUMONIAE.//Q59952
 F-PLACE1009581//50S RIBOSOMAL PROTEIN L32.//0.00023:37:51//RHODOBACTER CAPSULATUS (RHO-
 DOPSEUDOMONAS CAPSULATA).//P30788
 F-PLACE1009595
 F-PLACE1009596//HYPOTHETICAL 40.4 KD TRP-ASP REPEATS CONTAINING PROTEIN C14B1.4 IN CHRO-
 15 MOSOME III.//2.1e-36:116:49//CAENORHABDITIS ELEGANS.//Q17963
 F-PLACE1009607//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.8e-43:73:69//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE1009613
 F-PLACE1009621//TRANSCRIPTION FACTOR BTF3 HOMOLOG 2.//0.91:29:44//HOMO SAPIENS (HUMAN).//
 20 Q13891
 F-PLACE1009622//MATERNAL EFFECT PROTEIN STAUFEN.//1.3e-22:132:47//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P25159
 F-PLACE1009637//HYPOTHETICAL 18.1 KD PROTEIN IN CFXA 3'REGION.//0.30:28:57//BACTEROIDES VUL-
 GATUS.//P30905
 25 F-PLACE1009639//LIPASE MODULATOR PRECURSOR (LIPASE HELPER PROTEIN).//0.23:79:31//PSEU-
 DOMONAS AERUGINOSA.//Q04591
 F-PLACE1009659//MEMBRANE-ASSOCIATED PROTEIN HEM-2 (BRAIN PROTEIN H19) (MH19) (FRAG-
 MENT).//3.9e-126:227:96//MUS MUSCULUS (MOUSE).//P28660
 F-PLACE1009665//IG KAPPA CHAIN V-I REGION (HAU).//0.52:89:35//HOMO SAPIENS (HUMAN).//P01600
 30 F-PLACE1009670//CYCLOMALTODEXTRIN GLUCANOTRANSFERASE PRECURSOR (EC 2.4.1.19) (CYCLO-
 DEXTRIN-GLYCOSYLTRANSFERASE) (CGTASE).//0.16:114:29//PAENIBACILLUS MACERANS (BACILLUS
 MACERANS).//P31835
 F-PLACE1009708//HYPOTHETICAL 143.3 KD TRP-ASP REPEATS CONTAINING PROTEIN C12G12.13C IN
 CHROMOSOME I.//9.6e-19:156:36//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09876
 35 F-PLACE1009721//MSF1 PROTEIN.//7.7e-23:176:33//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//
 P35200
 F-PLACE1009731//AIG1 PROTEIN.//1.1e-09:91:43//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//
 P54120
 F-PLACE1009763//HYPOTHETICAL 48.9 KD PROTEIN C24H6.12C IN CHROMOSOME I.//8.3e-42:171:51//
 40 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09765
 F-PLACE1009794//C-HORDEIN (CLONE PC HOR1-3) (FRAGMENT).//0.99:36:33//HORDEUM VULGARE (BAR-
 LEY).//P17991
 F-PLACE1009798//HYPOTHETICAL PROTEIN C22F3.14C IN CHROMOSOME I (FRAGMENT).//2.6e-34:191:
 38//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09779
 45 F-PLACE1009845//WEB1 PROTEIN (PROTEIN TRANSPORT PROTEIN SEC31).//2.2e-19:190:33//SACCHA-
 ROMYCES CEREVISIAE (BAKER'S YEAST).//P38968
 F-PLACE1009861//CATHEPSIN B PRECURSOR (EC 3.4.22.1).//4.4e-20:171:33//BOS TAURUS (BOVINE).//
 P07688
 F-PLACE1009879//HYPOTHETICAL 8.7 KD PROTEIN IN RPL22-RPL23 INTERGENIC REGION (ORF70).//0.99:
 50 30:33//ASTASIA LONGA (EUGLENOPHYCEAN ALGA).//P34779
 F-PLACE1009886
 F-PLACE1009888//NONSTRUCTURAL POLYPROTEIN [CONTAINS: NONSTRUCTURAL PROTEIN NSP4]
 (FRAGMENT).//1.0:33:42//WESTERN EQUINE ENCEPHALITIS VIRUS.//P13896
 F-PLACE1009908//HYPOTHETICAL GTP-BINDING PROTEIN C3F10.16C IN CHROMOSOME I.//3.1e-42:205:
 55 46//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10190
 F-PLACE1009921
 F-PLACE1009924//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6).//0.70:128:29//TRYPANOSOMA BRU-
 CEI BRUCEI.//P24499

F-PLACE1009925//ATP SYNTHASE D CHAIN, MITOCHONDRIAL (EC 3.6.1.34).//0.99:111:27//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P30902
 F-PLACE1009935//HYPOTHETICAL PROTEIN MJ0258.//0.063:75:32//METHANOCOCCUS JANNASCHII.//
 Q57706
 5 F-PLACE1009947//NEUROGRANIN (NG) (P17) (B-50 IMMUNOREACTIVE C-KINASE SUBSTRATE) (BICKS)
 (FRAGMENT).//0.33:51:45//BOS TAURUS (BOVINE).//P35722
 F-PLACE1009971//MIPP PROTEIN (MURINE IAP-PROMOTED PLACENTA-EXPRESSED PROTEIN).//0.022:
 84:27//MUS MUSCULUS (MOUSE).//P28575
 F-PLACE1009992//BONE MORPHOGENETIC PROTEIN 1 PRECURSOR (EC 3.4.24.-) (BMP-1).//0.00011:35:
 10 51//HOMO SAPIENS (HUMAN).//P13497
 F-PLACE1009995//TROPOMYOSIN, SMOOTH MUSCLE/FIBROBLAST CTM1.//0.052:185:22//CIONA INTESTI-
 NALIS.//Q07068
 F-PLACE1009997//TRANSCRIPTION ELONGATION FACTOR S-II (RNA POLYMERASE II ELONGATION FAC-
 TOR DMS-II) (TFIIS).//0.68:98:28//DROSOPHILA MELANOGASTER (FRUIT FLY).//P20232
 15 F-PLACE1010023//HYPOTHETICAL 83.8 KD PROTEIN C27F2.7 IN CHROMOSOME III.//6.6e-06:111:32//
 CAENORHABDITIS ELEGANS.//Q18262
 F-PLACE1010031//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//0.0024:72:33//
 AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41479
 F-PLACE1010053//HYPOTHETICAL PROTEIN HI0593.//0.83:24:45//HAEMOPHILUS INFLUENZAE.//P44022
 20 F-PLACE1010069
 F-PLACE1010074//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS5.//0.00027:192:28//SAC-
 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q92331
 F-PLACE1010076//HUNCHBACK PROTEIN (FRAGMENT).//0.80:39:30//SCIARA COPROPHILA (FUNGUS
 GNAT).//Q01790
 25 F-PLACE1010083//RHO-GAP HEMATOPOIETIC PROTEIN C1 (P115) (KIAA0131).//2.7e-48:177:46//HOMO SA-
 PIENS (HUMAN).//P98171
 F-PLACE1010089//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 11 (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE 11) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 13) (DEUBIQUITINATING ENZYME 11)
 (KIAA0055).//7.9e-07:55:43//HOMO SAPIENS (HUMAN).//P40818
 30 F-PLACE1010096//100 KD PROTEIN (EC 6.3.2.-).//1.0e-107:232:90//RATTUS NORVEGICUS (RAT).//Q62671
 F-PLACE1010102//DNA-DIRECTED RNA POLYMERASE SUBUNIT N (EC 2.7.7.6).//1.0:33:45//METHANOCOC-
 CUS JANNASCHII.//Q57649
 F-PLACE1010105//RING CANAL PROTEIN (KELCH PROTEIN).//1.2e-47:200:46//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 35 F-PLACE1010106//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS: REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//1.2e-14:94:41//MUS MUSCULUS (MOUSE).//P11369
 F-PLACE1010134//HYPOTHETICAL 171.5 KD HELICASE IN NUT1-ARO2 INTERGENIC REGION.//4.0e-28:78:
 76//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53115
 F-PLACE1010148//GAR2 PROTEIN.//2.6e-05:180:26//SCHIZOSACCHAROMYCES POMBE (FISSION
 40 YEAST).//P41891
 F-PLACE1010152//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 64E (EC 3.1.2.15) (UBIQUITIN THI-
 OLESTERASE 64E) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 64E) (DEUBIQUITINATING ENZYME
 64E).//2.1e-59:227:54//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q24574
 F-PLACE1010181//MALE SPECIFIC SPERM PROTEIN MST87F.//0.39:12:58//DROSOPHILA MELANOGASTER
 45 (FRUIT FLY).//P08175
 F-PLACE1010194//SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35)
 (SPLICING COMPONENT, 35 KD) (PR264 PROTEIN).//1.4e-07:95:43//GALLUS GALLUS (CHICKEN).//P30352
 F-PLACE1010202//TRISTETRAPROLINE (TTP) (TIS11A) (TIS11) (ZFP-36).//0.094:109:29//RATTUS NORVEGI-
 CUS (RAT).//P47973
 50 F-PLACE1010231//LANTIBIOTIC NISIN A PRECURSOR.//0.99:42:35//LACTOCOCCUS LACTIS (SUBSP. LAC-
 TIS) (STREPTOCOCCUS LACTIS).//P13068
 F-PLACE1010261//SEGREGATION DISTORTER PROTEIN.//6.0e-71:201:62//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//P25722
 F-PLACE1010270
 55 F-PLACE1010274//HYPOTHETICAL 16.2 KD PROTEIN C4F8.01 IN CHROMOSOME I.//4.4e-08:100:26//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O14177
 F-PLACE1010293//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//3.9e-26:94:64//HOMO SAPIENS (HUMAN).//
 P39188

F-PLACE1010310//SYNAPSINS IA AND IB.//5.7e-09:89:37//RATTUS NORVEGICUS (RAT).//P09951
 F-PLACE1010321//IMMEDIATE-EARLY PROTEIN IE180.//0.033:145:31//PSEUDORABIES VIRUS (STRAIN KA-
 PLAN) (PRV).//P33479
 5 F-PLACE1010324//MAST CELL DEGRANULATING PEPTIDE (MCDP) (MCD).//0.60:25:48//MEGABOMBUS
 PENNSYLVANICUS (AMERICAN COMMON BUMBLEBEE).//P04567
 F-PLACE1010329//TOXIN S5C10.//1.0:39:33//DENDROASPIS JAMESONI KAIMOSAE (EASTERN JAMESON'S
 MAMBA).//P01419
 F-PLACE1010341//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//0.0049:49:55//HOMO SAPIENS (HUMAN).//
 P39189
 10 F-PLACE1010362//VARIANT-SURFACE-GLYCOPROTEIN PHOSPHOLIPASE C (EC 3.1.4.47) (VSG LIPASE)
 (GLYCOSYLPHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C) (GPI-PLC).//0.0034:89:30//
 TRYPANOSOMA CRUZI.//015886
 F-PLACE1010364//NADH-UBIQUINONE OXIDOREDUCTASE B17 SUBUNIT (EC 1.6.5.3) (EC 1.6.99.3) (COM-
 PLEX I-B17) (CI-B17).//1.0:40:35//SUS SCROFA (PIG).//Q29259
 15 F-PLACE1010383
 F-PLACE1010401//140 KD NUCLEOLAR PHOSPHOPROTEIN (NOPP140).//0.10:174:22//RATTUS NORVEGI-
 CUS (RAT).//P41777
 F-PLACE1010481//HYPOTHETICAL 71.9 KD PROTEIN B0285.5 IN CHROMOSOME III.//1.5e-21:170:35//
 CAENORHABDITIS ELEGANS.//P46555
 20 F-PLACE1010491//HYPOTHETICAL 13.5 KD PROTEIN IN MOB1-SGA1 INTERGENIC REGION.//1.0:31:41//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40490
 F-PLACE1010492//HYPOTHETICAL 42.3 KD PROTEIN C12G12.11C IN CHROMOSOME I.//0.77:97:30//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q09874
 F-PLACE1010522//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.74:45:37//HOMO SAPIENS
 25 (HUMAN).//P22531
 F-PLACE1010529//DELTA 1-PYRROLINE-5-CARBOXYLATE SYNTHETASE (P5CS) [CONTAINS: GLUTAMATE
 5-KINASE (EC 2.7.2.11) (GAMMA-GLUTAMYL KINASE) (GK); GAMMA-GLUTAMYL PHOSPHATE REDUCTASE
 (GPR) (EC 1.2.1.41) (GLUTAMATE-5-SEMIALDEHYDE DEHYDROGENASE) (GLUTAMYL-GAMMA-SEMIAL-
 DEHYDE DEHYDROGENASE)].//0.70:58:39//VIGNA ACONITIFOLIA (MOTHBEAN).//P32296
 30 F-PLACE1010547//HYPOTHETICAL 31.0 KD PROTEIN IN BUD9-RME1 INTERGENIC REGION.//0.17:68:39//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53227
 F-PLACE1010562//CHLOROPLAST 50S RIBOSOMAL PROTEIN L33.//0.50:48:29//PORPHYRA PURPUREA.//
 P51255
 F-PLACE1010579//HYPOTHETICAL PROTEIN HI1571.//0.29:37:43//HAEMOPHILUS INFLUENZAE.//P44260
 35 F-PLACE1010580//PUTATIVE ATP-DEPENDENT RNA HELICASE C12C2.06.//3.3e-38:178:48//SCHIZOSAC-
 CHAROMYCES POMBE (FISSION YEAST).//Q09747
 F-PLACE1010599//PEROXISOMAL MEMBRANE PROTEIN PER10 (PEROXIN-14).//4.6e-17:192:31//PICHIA
 ANGUSTA (YEAST) (HANSENULA POLYMORPHA).//P78723
 F-PLACE1010616//HYPOTHETICAL 9.2 KD PROTEIN IN RNPA 3'REGION.//0.44:32:37//PSEUDOMONAS PUT-
 40 IDA.//P25753
 F-PLACE1010622//A-AGGLUTININ ATTACHMENT SUBUNIT PRECURSOR.//5.0e-06:102:42//SACCHAROMY-
 CES CEREVISIAE (BAKER'S YEAST).//P32323
 F-PLACE1010624//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//0.00036:134:321//HOMO SAPIENS (HUMAN).//P10162
 45 F-PLACE1010628
 F-PLACE1010629//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//2.7e-12:37:81//HOMO SAPIENS (HUMAN).//
 P39194
 F-PLACE1010630
 F-PLACE1010631//WNT-5B PROTEIN (FRAGMENT).//0.49:62:30//EUMECES SKILTONIANUS (WESTERN
 50 SKINK).//P28118
 F-PLACE1010661//MATERNAL EXUPERANTIA 2 PROTEIN.//1.0:95:30//DROSOPHILA PSEUDOOBSCURA
 (FRUIT FLY).//Q24617
 F-PLACE1010662//UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR (EC 2.4.1.-)
 (DUGT).//3.2e-05:117:24//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q09332
 55 F-PLACE1010702//ZINC FINGER PROTEIN 195.//1.4e-62:117:62//HOMO SAPIENS (HUMAN).//O14628
 F-PLACE1010714
 F-PLACE1010720//CHROMOSOME ASSEMBLY PROTEIN XCAP-C.//1.1e-64:176:76//XENOPUS LAEVIS (AF-
 RICAN CLAWED FROG).//P50532

F-PLACE1010739//TAT PROTEIN (TRANSACTIVATING REGULATORY PROTEIN) (FRAGMENT).//0.97:31:41//
 HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (BH5 ISOLATE) (HIV-1).//P04612
 F-PLACE1010743//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//3.8e-05:253:30//MUS MUSCULUS
 (MOUSE).//P05143
 5 F-PLACE1010761//HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II.//1.5e-14:175:25//
 CAENORHABDITIS ELEGANS.//Q09217
 F-PLACE1010771//TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP.//1.3e-120:216:89//MUS MUSCULUS
 (MOUSE).//Q02614
 F-PLACE1010786//CENTROSOMIN (ARROW PROTEIN).//0.97:133:24//DROSOPHILA MELANOGASTER
 10 (FRUIT FLY).//P54623
 F-PLACE1010800//HYPOTHETICAL 31.7 KD PROTEIN IN TRAX-FINO INTERGENIC REGION (ORFC).//
 0.0060:111:31//ESCHERICHIA COLI.//Q99390
 F-PLACE1010802//UREASE ACCESSORY PROTEIN UREI.//0.82:44:29//BACILLUS SP. (STRAIN TB-90).//
 Q07415
 15 F-PLACE1010811//CYTOCHROME C-551 (C551).//0.99:42:38//ECTOTHIORHODOSPIRA HALOCHLORIS.//
 P38587
 F-PLACE1010833//CALTRACTIN, ISOFORM 1 (CENTRIN).//2.8e-09:90:34//HOMO SAPIENS (HUMAN).//
 P41208
 F-PLACE1010856//MOLT-INHIBITING HORMONE (MIH).//1.0:32:37//PROCAMBARUS CLARKII (RED SWAMP
 20 CRAYFISH).//P55848
 F-PLACE1010857//IG ALPHA-1 CHAIN C REGION.//0.49:73:34//GORILLA GORILLA GORILLA (LOWLAND GO-
 RILLA).//P20758
 F-PLACE1010870//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.2e-56:173:58//HO-
 MO SAPIENS (HUMAN).//Q05481
 25 F-PLACE1010877//HEAT SHOCK PROTEIN 82.//0.13:130:25//ZEA MAYS (MAIZE).//Q08277
 F-PLACE1010891//HYPOTHETICAL 8.2 KD PROTEIN IN BLTR-SPOIIC INTERGENIC REGION.//0.95:51:27//
 BACILLUS SUBTILIS.//P54436
 F-PLACE1010896//SERINE/THREONINE-PROTEIN KINASE PTK1/STK1 (EC 2.7.1.).//0.98:71:30//SACCHA-
 ROMYCES CEREVISIAE (BAKER'S YEAST).//P36002
 30 F-PLACE1010900//HYPOTHETICAL PROTEIN HI0840.//1.0:42:30//HAEMOPHILUS INFLUENZAE.//P44897
 F-PLACE1010916//KERATIN, HIGH-SULFUR MATRIX PROTEIN, IIB3.//0.060:59:35//OVIS ARIES (SHEEP).//
 P02444
 F-PLACE1010917//E2 GLYCOPROTEIN PRECURSOR (SPIKE GLYCOPROTEIN) (PEPLOMER PROTEIN).//
 0.71:141:24//BOVINE CORONAVIRUS (STRAIN L9).//P25191
 35 F-PLACE1010925//HYPOTHETICAL 8.1 KD PROTEIN.//1.0:17:58//THERMOPROTEUS TENAX VIRUS 1
 (STRAIN KRA1) (TTV1).//P19285
 F-PLACE1010926//HYPOTHETICAL PROLINE-RICH PROTEIN KIAA0269.//0.011:51:45//HOMO SAPIENS (HU-
 MAN).//Q92558
 F-PLACE1010942//EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE SUBSTRATE 15 (PROTEIN
 40 EPS15).//3.1e-09:64:37//MUS MUSCULUS (MOUSE).//P42567
 F-PLACE1010944//GAP JUNCTION ALPHA-3 PROTEIN (CONNEXIN 44) (CX44).//0.17:71:38//BOS TAURUS
 (BOVINE).//P41987
 F-PLACE1010947
 F-PLACE1010954//TROPOMYOSIN ALPHA CHAIN, SKELETAL MUSCLE.//0.011:144:26//HOMO SAPIENS
 45 (HUMAN).//P09493
 F-PLACE1010960//ACTIN-LIKE PROTEIN 13E.//1.1 e-60:136:52//DROSOPHILA MELANOGASTER (FRUIT
 FLY).//P45890
 F-PLACE1010965
 F-PLACE1011026//PERIOD CLOCK PROTEIN (FRAGMENT).//1.0:64:31//DROSOPHILA ANANASSAE (FRUIT
 50 FLY).//Q03293
 F-PLACE1011032//RIBONUCLEASE HI (EC 3.1.26.4) (RNASE HI) (RIBONUCLEASE H) (RNASE H).//1.0:32:37//
 SALMONELLA TYPHIMURIUM.//P23329
 F-PLACE1011041//HOMEBOX PROTEIN VAB-7.//0.36:65:30//CAENORHABDITIS ELEGANS.//Q93899
 F-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 1 (EC
 55 3.1.4.11) (PLC-BETA-1) (PHOSPHOLIPASE C-BETA-1) (PLC-I) (PLC-154).//1.3e-22:58:93//RATTUS NORVEGI-
 CUS (RAT).//P10687
 F-PLACE1011054//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//1.6e-07:38:73//HOMO SAPIENS (HUMAN).//
 P39195

F-PLACE1011056//HISTONE H1//2.2e-10:109:41//PISUM SATIVUM (GARDEN PEA)//P08283
 F-PLACE1011057
 F-PLACE1011090//HYPOTHETICAL 33.8 KD PROTEIN IN TWT1-FLO5 INTERGENIC REGION//1.8e-07:133:
 32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST)//P38892
 5 F-PLACE1011109//ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G)//5.4e-25:63:88//RAT-
 TUS NORVEGICUS (RAT)//Q07803
 F-PLACE1011114//PUTATIVE ATP-DEPENDENT RNA HELICASE C1F7.02C//8.4e-31:157:45//SCHIZOSAC-
 CHAROMYCES POMBE (FISSION YEAST)//Q09916
 F-PLACE1011133//SERUM AMYLOID P-COMPONENT PRECURSOR (SAP) (9.5S ALPHA-1-GLYCOPRO-
 10 TEIN)//0.92:58:31//HOMO SAPIENS (HUMAN)//P02743
 F-PLACE1011143//PROBABLE E5 PROTEIN//0.24:42:35//HUMAN PAPILLOMAVIRUS TYPE31//P17385
 F-PLACE1011160//EARLY NODULIN 55-2 PRECURSOR (N-55-2) (NODULIN-315)//0.88:98:27//GLYCINE MAX
 (SOYBEAN)//Q02917
 F-PLACE1011165//HISTIDINE-RICH PROTEIN//0.013:13:76//PLASMODIUM FALCIPARUM (ISOLATE FCM17 /
 15 SENEGAL)//P14586
 F-PLACE1011185//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.4e-13:98:50//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE1011203
 F-PLACE1011214//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L)//1.0:48:27//EQUUS ASINUS (DONKEY)//
 20 P92479
 F-PLACE1011219//PROBABLE OXIDOREDUCTASE (EC 1.-.-.-)//1.9e-15:162:31//STREPTOMYCES ANTIBI-
 OTICUS//Q03326
 F-PLACE1011221//ANTITHROMBIN-III HOMOLOG//0.84:74:33//FOWLPOX VIRUS (ISOLATE HP-438[MU-
 NICH])//P14369
 25 F-PLACE1011229//UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4 (EC 3.1.2.15) (UBIQUITIN THIOLESTE-
 RASE 4) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE 4) (DEUBIQUITINATING ENZYME 4) (UBIQUI-
 TOUS NUCLEAR PROTEIN HOMOLOG)//3.5e-86:218:68//HOMO SAPIENS (HUMAN)//Q13107
 F-PLACE1011263//ANKYRIN, BRAIN VARIANT 2 (ANKYRIN B) (ANKYRIN, NONERYTHROID) (FRAGMENT)//
 3.0e-07:99:36//HOMO SAPIENS (HUMAN)//Q01485
 30 F-PLACE1011273
 F-PLACE1011291//PROTEIN KINASE C SUBSTRATE 80 KD PROTEIN (FRAGMENTS)//0.011:36:50//RATTUS
 NORVEGICUS (RAT)//P20468
 F-PLACE1011296//HOMEBOX PROTEIN DLX-6//0.76:55:32//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA
 DANIO)//Q98877
 35 F-PLACE1011310//ATP SYNTHASE PROTEIN 9, MITOCHONDRIAL (EC 3.6.1.34) (LIPID-BINDING PROTEIN)//
 0.46:43:44//PETUNIA SP. (PETUNIA)//Q07060
 F-PLACE1011325//HYPOTHETICAL 222.8 KD PROTEIN C1F3.06C IN CHROMOSOME I//0.00021:171:27//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST)//Q10411
 F-PLACE1011332//DNA-DAMAGE-REPAIR/TOLERATION PROTEIN DRT101 PRECURSOR//7.3e-27:113:52//
 40 ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//Q05211
 F-PLACE1011340//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-07:40:62//HOMO SAPIENS (HUMAN)//
 P39188
 F-PLACE1011371//INTER-ALPHA-TRYPSIN INHIBITOR HEAVY CHAIN H2 PRECURSOR (ITI HEAVY CHAIN
 H2)//2.2e-54:227:44//MUS MUSCULUS (MOUSE)//Q61703
 45 F-PLACE1011375//PROBABLE E5 PROTEIN//0.93:28:57//HUMAN PAPILLOMAVIRUS TYPE 51//P26553
 F-PLACE1011399//HISTONE H2B-IV//0.19:129:27//VOLVOX CARTERI//P16868
 F-PLACE1011419
 F-PLACE1011433//ZINC FINGER PROTEIN GLI3 (FRAGMENT)//3.4e-05:133:24//GALLUS GALLUS (CHICK-
 EN)//P55879
 50 F-PLACE1011452//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG//3.9e-25:76:63//HOMO SAPIENS (HU-
 MAN)//P08547
 F-PLACE1011465//ECTODERMAL DYSPLASIA PROTEIN (EDA PROTEIN)//0.97:36:41//HOMO SAPIENS (HU-
 MAN)//Q92838
 F-PLACE1011472//METALLOTHIONEIN-1 (CUMT-1)//0.084:55:30//HOMARUS AMERICANUS (AMERICAN
 55 LOBSTER)//P29499
 F-PLACE1011477//CELL SURFACE GLYCOPROTEIN 1 PRECURSOR (OUTER LAYER PROTEIN B) (S-LAYER
 PROTEIN 1)//0.028:129:34//CLOSTRIDIUM THERMOCELLUM//Q06852
 F-PLACE1011492//NON-GREEN PLASTID TRIOSE PHOSPHATE TRANSLOCATOR PRECURSOR (CTPT)//

2.9e-13:147:31//BRASSICA OLERACEA (CAULIFLOWER).//P52178
 F-PLACE1011503//PUTATIVE FERREDOXIN-LIKE PROTEIN IN PURL-DPJ INTERGENIC REGION (086).//0.66:32:40//ESCHERICHIA COLI.//P52102
 F-PLACE1011520
 5 F-PLACE1011563//LORICRIN.//0.00023:112:39//HOMO SAPIENS (HUMAN).//P23490
 F-PLACE1011567//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/9.2e-31:78:76//HOMO SAPIENS (HUMAN).//P39195
 F-PLACE1011576//ZINC FINGER PROTEIN 91 (ZINC FINGER PROTEIN HTF10) (HPF7).//1.5e-32:45:86//HOMO SAPIENS (HUMAN).//Q05481
 10 F-PLACE1011586//N-TYPE CALCIUM CHANNEL ALPHA-1B SUBUNIT (OMEGA-CONOTOXIN-SENSITIVE N-TYPE, BRAIN CALCIUM CHANNEL ALPHA-1 SUBUNIT).//0.26:81:37//HOMO SAPIENS (HUMAN).//Q00975
 F-PLACE1011635//IMMEDIATE-EARLY PROTEIN IE180.//0.00045:170:30//PSEUDORABIES VIRUS (STRAIN INDIANA-FUNKHAUSER /BECKER) (PRV).//P11675
 F-PLACE1011641
 15 F-PLACE1011643//CUTICLE COLLAGEN 40.//1.0:128:32//CAENORHABDITIS ELEGANS.//P34804
 F-PLACE1011646//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-15:44:63//HOMO SAPIENS (HUMAN).//P39188
 F-PLACE1011649//HYPOTHETICAL PROTEIN F-215.//0.48:106:34//HUMAN ADENOVIRUS TYPE 2.//P03291
 F-PLACE1011650
 20 F-PLACE1011664//CROOKED NECK PROTEIN.//1.2e-79:201:68//DROSOPHILA MELANOGASTER (FRUIT FLY).//P17886
 F-PLACE1011675//FERREDOXIN.//1.0:44:29//METHANOCOCCUS THERMOLITHOTROPHICUS.//P21305
 F-PLACE1011682//HYPOTHETICAL 7.0 KD PROTEIN IN RPS26A-COX4 INTERGENIC REGION.//1.0:40:22//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53098
 25 F-PLACE1011719//NEUROTOXIN TX2-6.//0.90:31:35//PHONEUTRIA NIGRIVENTER (BRAZILIAN ARMED SPIDER).//P29425
 F-PLACE1011725//NUCLEOBINDIN PRECURSOR (NUCB1) (BONE 63 KD CALCIUM-BINDING PROTEIN).//0.0065:125:25//RATTUS NORVEGICUS (RAT).//Q63083
 F-PLACE1011729//SRY-RELATED PROTEIN LG27 (FRAGMENT).//0.97:48:39//EUBLEPHARIS MACULARIUS.//P40654
 30 F-PLACE1011749
 F-PLACE1011762//D-BINDING PROTEIN (DBP) (ALBUMIN D BOX-BINDING PROTEIN).//0.028:91:39//MUS MUSCULUS (MOUSE).//Q60925
 F-PLACE1011778
 35 F-PLACE1011783//EMBRYONIC GROWTH/DIFFERENTIATION FACTOR 1 PRECURSOR (GDF-1).//0.97:48:43//MUS MUSCULUS (MOUSE).//P20863
 F-PLACE1011858//COLLAGEN 1(X) CHAIN PRECURSOR.//0.0027:154:33//BOS TAURUS (BOVINE).//P23206
 F-PLACE1011874//BACTERIOCHLOROPHYLL A PROTEIN (BCHL A PROTEIN) (BCP).//1.0:60:26//PROSTHECOCHLORIS AESTUARII.//P11741
 40 F-PLACE1011875//HYPOTHETICAL 6.6 KD PROTEIN IN GP54-ALT INTERGENIC REGION.//0.99:34:35//AC-TERIOPHAGE T4.//P39495
 F-PLACE1011891//SMOOTH ELIN.//0.018:122:31//HOMO SAPIENS (HUMAN).//P53814
 F-PLACE1011896//SKIN SECRETORY PROTEIN XP2 PRECURSOR (APEG PROTEIN).//6.3e-09:203:35//XENOPUS LAEVIS (AFRICAN CLAWED FROG).//P17437
 45 F-PLACE1011922//CRYPTIDIN-RELATED PROTEIN 4C-2 PRECURSOR (CRS4C).//0.067:37:48//MUS MUSCULUS (MOUSE).//P50715
 F-PLACE1011923//SERINE/THREONINE-PROTEIN KINASE SNK (EC 2.7.1.-) (SERUM INDUCIBLE KINASE).//1.5e-83:175:89//MUS MUSCULUS (MOUSE).//P53351
 F-PLACE1011962//MATING-TYPE PHEROMONE BAP1(2) PRECURSOR.//0.50:46:41//SCHIZOPHYLLUM COMMUNE (BRACKET FUNGUS).//Q02593
 50 F-PLACE1011964//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//1.6e-05:47:51//NYCTICEBUS COUCANG (SLOW LORIS).//P08548
 F-PLACE1011982//APICAL MEMBRANE ANTIGEN 1 PRECURSOR (MEROZOITE SURFACE ANTIGEN).//0.98:83:31//PLASMODIUM FRAGILE.//P22622
 55 F-PLACE1011995
 F-PLACE1012031//HYPOTHETICAL PROTEIN KIAA0254.//0.032:62:33//HOMO SAPIENS (HUMAN).//Q92543
 F-PLACE2000003//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.4e-18:63:73//HOMO SAPIENS (HUMAN).//P39193

F-PLACE2000006//ANNEXIN VII (SYNEXIN) (FRAGMENT)//0.14:20:50//BOS TAURUS (BOVINE)//P20072
 F-PLACE2000007//PROLINE-RICH PROTEIN MP-3 (FRAGMENT)//0.0045:176:30//MUS MUSCULUS
 (MOUSE)//P05143
 F-PLACE2000011//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.6e-25:57:78//HOMO SAPIENS (HUMAN)//
 5 P39194
 F-PLACE2000014//HYPOTHETICAL HELICASE C28H8.3 IN CHROMOSOME III//0.00013:237:27//
 CAENORHABDITIS ELEGANS//Q09475
 F-PLACE2000015//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-33:60:80//HOMO SAPIENS (HUMAN)//
 P39193
 10 F-PLACE2000017//FOLATE RECEPTOR BETA PRECURSOR (FR-BETA) (FOLATE RECEPTOR 2) (FOLATE
 RECEPTOR, FETAL/PLACENTAL) (PLACENTAL FOLATE-BINDING PROTEIN) (FBP)//1.0:83:31//HOMO SAPI-
 ENS (HUMAN)//P14207
 F-PLACE2000021//EPHRIN TYPE-A RECEPTOR 4 PRECURSOR (EC 2.7.1.112) (TYROSINE-PROTEIN KI-
 NASE RECEPTOR CEK8)//0.99:103:26//GALLUS GALLUS (CHICKEN)//Q07496
 15 F-PLACE2000030//MALE SPECIFIC SPERM PROTEIN MST84DA//0.69:29:44//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY)//Q01642
 F-PLACE2000033//PROBABLE OXIDOREDUCTASE (EC 1.-.-.-)//1.1e-05:74:41//STREPTOMYCES ANTIBIOTI-
 CUS//Q03326
 F-PLACE2000034//AXONIN-1 PRECURSOR (AXONAL GLYCOPROTEIN TAG-1) (TRANSIENT AXONAL GLYC-
 20 OPROTEIN 1)//6.7e-18:191:35//HOMO SAPIENS (HUMAN)//Q02246
 F-PLACE2000039//DYNEIN HEAVY CHAIN, CYTOSOLIC (DYHC) (MAP 1C)//4.7e-80:163:96//RATTUS NOR-
 VEGICUS (RAT)//P38650
 F-PLACE2000047//!!!! ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/6.4e-06:63:49//HOMO SAPIENS (HU-
 MAN)//P39191
 25 F-PLACE2000050//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.2e-22:74:64//HOMO SAPIENS (HUMAN)//
 P39192
 F-PLACE2000061
 F-PLACE2000062//GLUCOSE STARVATION-INDUCIBLE PROTEIN B (GENERAL STRESS PROTEIN B)//1.9e-
 06:108:37//BACILLUS SUBTILIS//P26907
 30 F-PLACE2000072//ZINC FINGER PROTEIN 165//3.5e-34:175:49//HOMO SAPIENS (HUMAN)//P49910
 F-PLACE2000097//RIBONUCLEASE PANCREATIC (EC 3.1.27.5) (RNASE 1) (RNASE A)//0.36:39:38//ONDAT-
 RA ZIBETHICUS (MUSKRAT)//P00681
 F-PLACE2000100
 F-PLACE2000103//TUBULIN ALPHA-4 CHAIN (FRAGMENTS)//0.18:32:37//ZEA MAYS (MAIZE)//P33626
 35 F-PLACE2000111//CMRF35 ANTIGEN PRECURSOR//0.056:107:27//HOMO SAPIENS (HUMAN)//Q08708
 F-PLACE2000115//DIAMINOPIMELATE EPIMERASE (EC 5.1.1.7) (DAP EPIMERASE) (FRAGMENT)//1.0:21:
 52//CLOSTRIDIUM PERFRINGENS//Q46185
 F-PLACE2000124//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.4e-37:108:68//HOMO SAPIENS (HU-
 MAN)//P39194
 40 F-PLACE2000132//PROBABLE MEMBRANE ANTIGEN GP85//0.99:133:29//EPSTEIN-BARR VIRUS (STRAIN
 B95-8) (HUMAN HERPESVIRUS 4)//P03224
 F-PLACE2000136//VASOACTIVE INTESTINAL POLYPEPTIDE RECEPTOR 2 PRECURSOR (VIP-R-2) (PITUI-
 TARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE TYPE III RECEPTOR) (PACAP TYPE III RECEP-
 TOR) (PACAP-R-3)//0.83:65:32//MUS MUSCULUS (MOUSE)//P41588
 45 F-PLACE2000140
 F-PLACE2000164//TIPD PROTEIN//5.7e-12:190:28//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD)//
 O15736
 F-PLACE2000170//BACTERIOCIN CARNOBACTERIOCIN BM1 PRECURSOR (CARNOBACTERIOCIN B1)//
 1.0:30:26//CARNOBACTERIUM PISCICOLA//P38579
 50 F-PLACE2000172
 F-PLACE2000176//HYPOTHETICAL PROTEIN AF0526//0.76:44:43//ARCHAEOGLOBUS FULGIDUS//O29724
 F-PLACE2000187//EM-LIKE PROTEIN GEA6//0.84:42:35//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS)//
 Q02973
 F-PLACE2000216
 55 F-PLACE2000223//NEUROTOXIN III (LQQ III)//0.99:38:34//LEIURUS QUINQUESTRIATUS QUINQUESTRIA-
 TUS (EGYPTIAN SCORPION)//P01487
 F-PLACE2000235
 F-PLACE2000246//RING CANAL PROTEIN (KELCH PROTEIN)//5.1e-37:121:42//DROSOPHILA MELA-

NOGASTER (FRUIT FLY).//Q04652
 F-PLACE2000264/////ALU SUBFAMILY SB2 WARNING ENTRY !!!!!/2.4e-05:77:42//HOMO SAPIENS (HUMAN).//P39191
 5 F-PLACE2000274//DYNEIN BETA CHAIN, CILIARY.//5.3e-46:232:45//TRIPNEUSTES GRATILLA (HAWAIIAN SEA URCHIN).//P23098
 F-PLACE2000302//TRICHOHYALIN.//1.5e-06:215:29//ORYCTOLAGUS CUNICULUS (RABBIT).//P37709
 F-PLACE2000305/////ALU SUBFAMILY J WARNING ENTRY !!!!!/5.3e-06:33:66//HOMO SAPIENS (HUMAN).//P39188
 10 F-PLACE2000317//TOXIN C13S1C1 PRECURSOR.//0.44:45:33//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAMBA).//P18329
 F-PLACE2000335/////ALU SUBFAMILY SX WARNING ENTRY !!!!!/7.9e-08:35:71//HOMO SAPIENS (HUMAN).//P39195
 F-PLACE2000341//SODIUM/GLUCOSE COTRANSPORTER 1 (NA(+)/GLUCOSE COTRANSPORTER 1) (HIGH AFFINITY SODIUM-GLUCOSE COTRANSPORTER).//0.014:141:24//ORYCTOLAGUS CUNICULUS (RABBIT).//P11170
 15 F-PLACE2000342//HYPOTHETICAL 24.1 KD PROTEIN IN LEF4-P33 INTERGENIC REGION.//5.7e-09:96:38//AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41479
 F-PLACE2000347//ZINC FINGER PROTEIN 177.//5.9e-05:49:53//HOMO SAPIENS (HUMAN).//Q13360
 F-PLACE2000359/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.5e-10:69:52//HOMO SAPIENS (HUMAN).//P39194
 20 F-PLACE2000366
 F-PLACE2000371//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//1.5e-05:216:29//HOMO SAPIENS (HUMAN).//P54259
 F-PLACE2000373//MAX BINDING PROTEIN MNT (ROX PROTEIN) (MYC ANTAGONIST MNT).//0.27:63:33//HOMO SAPIENS (HUMAN).//Q99583
 25 F-PLACE2000379//HYPOTHETICAL GENE 1 PROTEIN.//0.72:120:31//EQUINE HERPESVIRUS TYPE 1 (STRAIN AB4P) (EHV-1).//P28978
 F-PLACE2000394//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//0.95:40:42//HOMO SAPIENS (HUMAN).//P02811
 30 F-PLACE2000398//RIBONUCLEASE PRECURSOR (EC 3.1.27.-).//0.88:88:31//AEROMONAS HYDROPHILA.//Q07465
 F-PLACE2000399//T-CELL SURFACE GLYCOPROTEIN E2 PRECURSOR (E2 ANTIGEN) (CD99) (MIC2 PROTEIN) (12E7).//7.6e-16:180:39//HOMO SAPIENS (HUMAN).//P14209
 F-PLACE2000404//PROBABLE LEUCYL-TRNA SYNTHETASE (EC 6.1.1.4) (LEUCINE-TRNA LIGASE) (LEURS).//1.7e-94:243:64//CAENORHABDITIS ELEGANS.//Q09996
 35 F-PLACE2000411//SERINE/THREONINE PROTEIN PHOSPHATASE 5 (EC 3.1.3.16) (PP5) (PROTEIN PHOSPHATASE T) (PPT) (FRAGMENT).//1.2e-09:78:39//MUS MUSCULUS (MOUSE).//Q60676
 F-PLACE2000419/////ALU SUBFAMILY J WARNING ENTRY !!!!!/2.6e-20:61:62//HOMO SAPIENS (HUMAN).//P39188
 40 F-PLACE2000425//HYPOTHETICAL 11.9 KD PROTEIN IN MSB2-UGA1 INTERGENIC REGION.//0.98:75:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53211
 F-PLACE2000427//INSULIN PRECURSOR.//0.98:55:34//CERCOPITHECUS AETHIOPS (GREEN MONKEY) (GRIVET).//P30407
 F-PLACE2000433/////ALU SUBFAMILY J WARNING ENTRY !!!!!/7.5e-07:65:50//HOMO SAPIENS (HUMAN).//P39188
 45 F-PLACE2000435
 F-PLACE2000438//HYPOTHETICAL 67.9 KD PROTEIN ZK688.8 IN CHROMOSOME III.//4.7e-66:178:47//CAENORHABDITIS ELEGANS.//P34678
 F-PLACE2000450/////ALU SUBFAMILY SX WARNING ENTRY !!!!!/2.1e-23:88:62//HOMO SAPIENS (HUMAN).//P39195
 50 F-PLACE2000455//TOXIN II (TOXIN II.10.9.2) (FRAGMENT).//0.093:18:44//CENTRUROIDES LIMPIDUS LIMPIDUS (MEXICAN SCORPION).//P45630
 F-PLACE2000458//CADHERIN-RELATED TUMOR SUPPRESSOR PRECURSOR (FAT PROTEIN).//3.1e-23:165:40//DROSOPHILA MELANOGASTER (FRUIT FLY).//P33450
 55 F-PLACE2000465/////ALU SUBFAMILY J WARNING ENTRY !!!!!/3.6e-23:73:63//HOMO SAPIENS (HUMAN).//P39188
 F-PLACE2000477/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.4e-37:90:78//HOMO SAPIENS (HUMAN).//P39194

F-PLACE3000004//EYES ABSENT HOMOLOG 3.//1.1e-09:27:100//MUS MUSCULUS (MOUSE).//P97480
 F-PLACE3000009//PUTATIVE CUTICLE COLLAGEN C09G5.6.//0.0061:148:34//CAENORHABDITIS ELE-
 GANS.//Q09457
 5 F-PLACE3000020//ADENYLATE CYCLASE, OLFACTIVE TYPE (EC 4.6.1.1) (TYPE III) (ATP PYROPHOS-
 PHATE-LYASE) (ADENYLYL CYCLASE).//8.8e-93:193:92//RATTUS NORVEGICUS (RAT).//P21932
 F-PLACE3000029//50S RIBOSOMAL PROTEIN L31E.//0.15:50:38//METHANOCOCCUS JANNASCHII.//P54009
 F-PLACE3000059//TCP1-CHAPERONIN COFACTOR A.//0.96:50:34//BOS TAURUS (BOVINE).//P48427
 F-PLACE3000070//HYPOTHETICAL 17.1 KD PROTEIN IN PUR5 3'REGION.//0.29:22:59//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P38898
 10 F-PLACE3000103//LYSIS PROTEIN (E PROTEIN) (GPE).//0.99:53:32//BACTERIOPHAGE ALPHA-3.//P31280
 F-PLACE3000119//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/5.4e-41:87:78//HOMO SAPIENS (HUMAN).//
 P39189
 F-PLACE3000121//VESICULAR TRAFFIC CONTROL PROTEIN SEC151/1.0e-07:269:22//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P22224
 15 F-PLACE3000124//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.2e-29:97:73//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE3000136//PARS INTERCEREBRALIS MAJOR PEPTIDE D1 (PMP-D1).//0.77:26:42//LOCUSTA MIGRA-
 TORIA (MIGRATORY LOCUST).//P80059
 F-PLACE3000142//HYPOTHETICAL 7.1 KD PROTEIN IN NAD2 3'REGION (ORF 63).//0.82:34:41//MARCHAN-
 TIA POLYMORPHA (LIVERWORT).//P38468
 20 F-PLACE3000145//TENSIN.//3.5e-91:238:74//GALLUS GALLUS (CHICKEN).//Q04205
 F-PLACE3000147//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.4e-30:61:65//HOMO SAPIENS (HUMAN).//
 P39194
 F-PLACE3000148//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 25 (EC 2.7.7.49); ENDONUCLEASE].//1.4e-18:226:34//GIBBON APE LEUKEMIA VIRUS.//P21414
 F-PLACE3000155//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//0.00014:107:33//ZEA MAYS
 (MAIZE).//P14918
 F-PLACE3000156//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//2.7e-19:169:30//BABOON ENDOGENOUS VIRUS (STRAIN M7).//P10272
 30 F-PLACE3000157//PROBABLE SERINE/THREONINE-PROTEIN KINASE CY50.16 (EC 2.7.1.-).//0.0061:92:30//
 MYCOBACTERIUM TUBERCULOSIS.//Q11053
 F-PLACE3000158//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!/5.7e-49:56:80//HOMO SAPIENS (HUMAN).//
 P39189
 F-PLACE3000160//DNA TRANSFORMATION PROTEIN TFOX (COMPETENCE ACTIVATOR) (PROTEIN SXY).//
 35 0.39:94:34//HAEMOPHILUS INFLUENZAE.//P43779
 F-PLACE3000169//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/5.6e-28:99:59//HOMO SAPIENS (HUMAN).//
 P39193
 F-PLACE3000194//PROLINE-RICH PROTEIN LAS17.//0.91:80:36//SACCHAROMYCES CEREVISIAE (BAK-
 ER'S YEAST).//Q12446
 40 F-PLACE3000197//NEUROFILAMENT TRIPLET M PROTEIN (160 KD NEUROFILAMENT PROTEIN) (NF-M).//
 0.24:119:32//GALLUS GALLUS (CHICKEN).//P16053
 F-PLACE3000199//EXTENSIN PRECURSOR (CELL WALL HYDROXYPROLINE-RICH GLYCOPROTEIN).//
 0.76:87:37//NICOTIANA TABACUM (COMMON TOBACCO).//P13983
 F-PLACE3000207//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/4.5e-09:32:78//HOMO SAPIENS (HUMAN).//
 45 P39188
 F-PLACE3000208
 F-PLACE3000218//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.2e-34:96:70//HOMO SAPIENS (HUMAN).//
 P39194
 F-PLACE3000220//OSTEOCALCIN (GAMMA-CARBOXYGLUTAMIC ACID-CONTAINING PROTEIN) (BONE
 50 GLA- PROTEIN) (BGP).//0.46:13:53//CANIS FAMILIARIS (DOG).//P81455
 F-PLACE3000221//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.8e-24:178:45//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE3000226//30S RIBOSOMAL PROTEIN S18.//0.98:38:34//NEISSERIA GONORRHOEAE.//O07815
 F-PLACE3000230//METALLOTHIONEIN (MT).//0.97:25:48//OREOCHROMIS MOSSAMBICUS (MOZAMBIQUE
 55 TILAPIA) (TILAPIA MOSSAMBICA).//P52726
 F-PLACE3000242//MELANOMA-ASSOCIATED ANTIGEN 8 (MAGE-8 ANTIGEN).//8.0e-21:121:39//HOMO SA-
 PIENS (HUMAN).//P43361
 F-PLACE3000244//PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR).//2.3e-125:264:87//MUS MUS-

CULUS (MOUSE).//P53995
 F-PLACE3000254//RTOA PROTEIN (RATIO-A).//0.99:142:23//DICTYOSTELIUM DISCOIDEUM (SLIME MOLD).//P54681
 F-PLACE3000271//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.2e-12:63:53//HOMO SAPIENS (HUMAN).//P39188
 5 F-PLACE3000276//COLLAGEN ALPHA 1(VIII) CHAIN PRECURSOR (ENDOTHELIAL COLLAGEN).//1.0:55:38//HOMO SAPIENS (HUMAN).//P27658
 F-PLACE3000304//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.0028:31:54//HOMO SAPIENS (HUMAN).//P30808
 10 F-PLACE3000310//ATROPHIN-1 (DENTATORUBRAL-PALLIDOLUYSIAN ATROPHY PROTEIN).//0.98:82:34//RATTUS NORVEGICUS (RAT).//P54258
 F-PLACE3000320
 F-PLACE3000322//GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1 PRECURSOR.//2.2e-22:61:52//ORYZA SATIVA (RICE).//P25074
 15 F-PLACE3000331//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//0.32:15:53//HOMO SAPIENS (HUMAN).//P22532
 F-PLACE3000339//CHORION PROTEIN S19.//0.34:89:37//DROSOPHILA VIRILIS (FRUIT FLY).//P24516
 F-PLACE3000341//NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1 (EC 1.6.5.3) (FRAGMENT).//1.0:47:38//COTURNIX COTURNIX JAPONICA (JAPANESE QUAIL).//P24968
 20 F-PLACE3000350//SERINE/THREONINE-PROTEIN KINASE SULU (EC 2.7.1.-).//3.9e-50:168:60//CAENORHABDITIS ELEGANS .//P46549
 F-PLACE3000352//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.8e-29:76:71//HOMO SAPIENS (HUMAN).//P39194
 F-PLACE3000353//POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) (UDP-GALNAC:POLYPEPTIDE, N- ACETYL GALACTOSAMINYLTRANSFERASE) (GALNAC-T1).//3.0e-09:100:41//HOMO SAPIENS (HUMAN).//Q10472
 25 F-PLACE3000362//HYPOTHETICAL PROTEIN TP0064.//1.0:75:26//TREPONEMA PALLIDUM.//O83103
 F-PLACE3000363//METALLOTHIONEIN (MT).//0.067:42:33//ASTACUS FLUVIATILIS (BROAD-FINGERED CRAYFISH) (ASTACUS ASTACUS).//P55951
 30 F-PLACE3000365//LYSIS PROTEIN (E PROTEIN) (GPE).//1.0:65:27//BACTERIOPHAGE PHI-K.//Q38040
 F-PLACE3000373//RETROVIRUS-RELATED ENV POLYPROTEIN.//1.5e-18:90:47//HOMO SAPIENS (HUMAN).//P10267
 F-PLACE3000388
 F-PLACE3000399//!!!!ALU SUBFAMILY SP WARNING ENTRY !!!!!/6.3e-45:60:75//HOMO SAPIENS (HUMAN).//P39193
 35 F-PLACE3000400
 F-PLACE3000401//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/3.6e-09:46:73//HOMO SAPIENS (HUMAN).//P39188
 F-PLACE3000402//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.036:43:44//HOMO SAPIENS (HUMAN).//P39188
 40 F-PLACE3000405//POSTERIOR PITUITARY PEPTIDE.//0.70:25:40//BOS TAURUS (BOVINE).//P01154
 F-PLACE3000406//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/4.3e-09:49:67//HOMO SAPIENS (HUMAN).//P39195
 F-PLACE3000413//MALE SPECIFIC SPERM PROTEIN MST87F.//0.12:42:40//DROSOPHILA MELANOGASTER (FRUIT FLY).//P08175
 45 F-PLACE3000416//CYLICIN I (MULTIPLE-BAND POLYPEPTIDE I).//0.67:236:21//BOS TAURUS (BOVINE).//P35662
 F-PLACE3000425//PROLINE-RICH PEPTIDE P-B.//0.45:19:42//HOMO SAPIENS (HUMAN).//P02814
 F-PLACE3000455//AMELOGENIN, CLASS I PRECURSOR.//0.0073:81:43//BOS TAURUS (BOVINE).//P02817
 50 F-PLACE3000475//8.6 KD TRANSGLUTAMINASE SUBSTRATE.//1.0:53:32//TACHYPLEUS TRIDENTATUS (JAPANESE HORSESHOE CRAB).//P81281
 F-PLACE3000477//MUSCARINIC TOXIN 7 (MT-7).//0.13:55:32//DENDROASPIS ANGUSTICEPS (EASTERN GREEN MAMBA).//P80970
 F-PLACE4000009//MYOSIN HEAVY CHAIN, SMOOTH MUSCLE ISOFORM (SMMHC) (FRAGMENT).//7.0e-19:180:27//HOMO SAPIENS (HUMAN).//P35749
 55 F-PLACE4000014//X-LINKED HELICASE II (X-LINKED NUCLEAR PROTEIN) (XNP).//3.2e-15:193:30//HOMO SAPIENS (HUMAN).//P46100
 F-PLACE4000034//BRIDE OF SEVENLESS PROTEIN PRECURSOR.//0.0024:97:29//DROSOPHILA MELA-

NOGASTER (FRUIT FLY).//P22815
 F-PLACE4000049/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.8e-32:79:75//HOMO SAPIENS (HUMAN).//
 P39194
 5 F-PLACE4000052//ATP-BINDING CASSETTE TRANSPORTER 1./2.2e-99:178:97//MUS MUSCULUS
 (MOUSE).//P41233
 F-PLACE4000063//IMMEDIATE-EARLY PROTEIN./0.0017:159:25//HERPESVIRUS SAIMIRI (STRAIN 11).//
 Q01042
 F-PLACE4000089
 F-PLACE4000093
 10 F-PLACE4000100/////ALU SUBFAMILY J WARNING ENTRY !!!!!/1.5e-14:68:60//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE4000106//1A PROTEIN [CONTAINS: HELICASE; METHYLTRANSFERASE].//1.0:46:41//BROAD BEAN
 MOTTLE VIRUS.//Q00020
 F-PLACE4000128//HYPOTHETICAL PROTEIN E-115./0.00020:101:30//HUMAN ADENOVIRUS TYPE 2.//
 15 P03290
 F-PLACE4000129//CORNIFIN B (SMALL PROLINE-RICH PROTEIN IB) (SPR-IB) (14.9 KD PANCORNULIN).//
 0.15:57:31//HOMO SAPIENS (HUMAN).//P22528
 F-PLACE4000131
 F-PLACE4000147//COMPETENCE PHEROMONE PRECURSOR.//1.0:45:24//BACILLUS SUBTILIS.//P45453
 20 F-PLACE4000156//ZINC FINGER PROTEIN 136./2.1e-88:194:59//HOMO SAPIENS (HUMAN).//P52737
 F-PLACE4000192//ZINC FINGER PROTEIN 142 (KIAA0236) (HA4654).//0.083:148:26//HOMO SAPIENS (HU-
 MAN).//P52746
 F-PLACE4000211//CALPHOTIN./0.20:43:39//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q02910
 F-PLACE4000222/////ALU SUBFAMILY J WARNING ENTRY !!!!!/1.1e-05:20:85//HOMO SAPIENS (HUMAN).//
 25 P39188
 F-PLACE4000230//DIHYDROFOLATE REDUCTASE (EC 1.5.1.3) / THYMIDYLATE SYNTHASE (EC 2.1.1.45)
 (DHFR-TS).//1.0:96:28//TRYPANOSOMA BRUCEI BRUCEI.//Q27783
 F-PLACE4000233
 F-PLACE4000247//METALLOTHIONEIN (MT).//1.0e-05:34:41//PLEURONECTES PLATESSA (PLAICE).//
 30 P07216
 F-PLACE4000250//VPU PROTEIN (ORF-X PROTEIN) (UPX PROTEIN).//0.99:33:42//CAPRINE ARTHRITIS EN-
 CEPHALITIS VIRUS (CAEV).//P31834
 F-PLACE4000252//MALE SPECIFIC SPERM PROTEIN MST84DB.//0.42:24:45//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q01643
 35 F-PLACE4000259//PRE-MRNA SPLICING HELICASE BRR2 (EC 3.6.1.-).//3.5e-09:189:32//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P32639
 F-PLACE4000261//PEREGRIN (BR140 PROTEIN).//5.0e-11:103:37//HOMO SAPIENS (HUMAN).//P55201
 F-PLACE4000269//INTRACELLULAR PROTEIN TRANSPORT PROTEIN USO1.//0.037:181:25//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P25386
 40 F-PLACE4000270//COAGULATION FACTOR VII PRECURSOR (EC 3.4.21.21).//1.0:46:39//MUS MUSCULUS
 (MOUSE).//P70375
 F-PLACE4000300//50S RIBOSOMAL PROTEIN L32.//0.81:28:46//THERMUS AQUATICUS (SUBSP. THER-
 MOPHILUS).//P80339
 F-PLACE4000320//FKBP-RAPAMYCIN ASSOCIATED PROTEIN (FRAP) (RAPAMYCIN TARGET PROTEIN).//
 45 1.6e-29:44:93//HOMO SAPIENS (HUMAN).//P42345
 F-PLACE4000323
 F-PLACE4000326//PARATHYMOSIN.//0.0018:54:48//HOMO SAPIENS (HUMAN).//P20962
 F-PLACE4000344//EPIDERMAL GROWTH FACTOR (EGF) (FRAGMENT).//0.97:28:42//SUS SCROFA (PIG).//
 Q00968
 50 F-PLACE4000367//NEUROTOXIN 1 (TOXIN SHP-I) (SHNA) (NEUROTOXIN SHI).//1.0:33:36//STOICHACTIS
 HELIANTHUS (CARRIBEAN SEA ANEMONE) (STICHODACTYLA HELIANTHUS).//P19651
 F-PLACE4000369//EXTENSIN PRECURSOR (PROLINE-RICH GLYCOPROTEIN).//0.071:42:42//SORGHUM
 VULGARE (SORGHUM).//P24152
 F-PLACE4000379/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-16:54:77//HOMO SAPIENS (HUMAN).//
 55 P39193
 F-PLACE4000387//PHOTOSYSTEM II 4 KD REACTION CENTRE PROTEIN PRECURSOR.//0.25:21:52//HOR-
 DEUM VULGARE (BARLEY), AND SECALE CEREALE (RYE).//P25877
 F-PLACE4000392//FERROCHELATASE (EC 4.99.1.1) (PROTOHEME FERRO-LYASE) (HEME SYNTHETASE)

(FRAGMENT).//0.91:36:50//YERSINIA PSEUDOTUBERCULOSIS.//Q05338
 F-PLACE4000401//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/4.4e-29:96:67//HOMO SAPIENS (HUMAN).//
 P39194
 5 F-PLACE4000411//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/2.3e-18:41:73//HOMO SAPIENS (HUMAN).//
 P39188
 F-PLACE4000431//PRE-MRNA SPLICING HELICASE BRR2 (EC 3.6.1.-).//5.4e-21:237:33//SACCHAROMYCES
 CEREVISIAE (BAKER'S YEAST).//P32639
 F-PLACE4000445//HYPOTHETICAL 99.7 KD PROTEIN IN SDL1 5'REGION PRECURSOR.//0.00081:210:26//
 10 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40442
 F-PLACE4000450//TRANSCRIPTION FACTOR HBP-1A (HISTONE-SPECIFIC TRANSCRIPTION FACTOR
 HBP1).//0.020:87:33//TRITICUM AESTIVUM (WHEAT).//P23922
 F-PLACE4000465//METALLOTHIONEIN-IL (MT-1L) (MT1X).//0.20:18:38//HOMO SAPIENS (HUMAN).//P80297
 F-PLACE4000487//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/1.5e-19:73:52//HOMO SAPIENS (HUMAN).//
 P39188
 15 F-PLACE4000489
 F-PLACE4000494//NPC DERIVED PROLINE RICH PROTEIN 1 (NDPP-1).//0.17:130:30//MUS MUSCULUS
 (MOUSE).//Q03173
 F-PLACE4000521//RETROVIRUS-RELATED POL POLYPROTEIN [CONTAINS REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE] (FRAGMENT).//3.0e-05:50:36//MUS MUSCULUS (MOUSE).//P10400
 20 F-PLACE4000522//NEUROGENIC LOCUS NOTCH HOMOLOG PROTEIN 1 PRECURSOR.//1.8e-45:231:47//
 RATTUS NORVEGICUS (RAT).//Q07008
 F-PLACE4000548//CYTOCHROME C-551 (C551).//0.96:50:34//ECTOTHIORHODOSPIRA HALOPHILA.//
 P00122
 25 F-PLACE4000558//PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAF (EC 3.1.2.15) (UBIQUI-
 TIN THIOLESTERASE FAF) (UBIQUITIN-SPECIFIC PROCESSING PROTEASE FAF) (DEUBIQUITINATING EN-
 ZYME FAF) (FAT FACETS PROTEIN).//1.6e-28:223:36//DROSOPHILA MELANOGASTER (FRUIT FLY).//P55824
 F-PLACE000581//P-SELECTIN PRECURSOR (GRANULE MEMBRANE PROTEIN 140) (GMP-140) (PADGEM)
 (CD62P) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 3) (LECAM3).//9.7e-11:166:281//HOMO
 SAPIENS (HUMAN).//P16109
 30 F-PLACE4000590//POL POLYPROTEIN [CONTAINS: PROTEASE (EC 3.4.23.-); REVERSE TRANSCRIPTASE
 (EC 2.7.7.49); ENDONUCLEASE].//1.6e-17:134:35//GIBBON APE LEUKEMIA VIRUS.//P21414
 F-PLACE4000593//GONADOTROPIN-RELEASING HORMONE RECEPTOR (GNRH-R).//1.0:54:29//RATTUS
 NORVEGICUS (RAT).//P30969
 35 F-PLACE4000612//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P15; INNER COAT PROTEIN P12;
 CORE SHELL PROTEIN P30].//2.6e-14:221:32//MOLONEY MURINE SARCOMA VIRUS (STRAIN TS110).//
 P32594
 F-PLACE4000638//HYPOTHETICAL 9.3 KD PROTEIN IN NRDB-INAA INTERGENIC REGION.//0.65:37:40//ES-
 CHERICHIA COLI.//P37910
 F-PLACE4000650//ZINC FINGER PROTEIN 16 (ZINC FINGER PROTEIN KOX9) (FRAGMENT).//1.0:33:33//HO-
 40 MO SAPIENS (HUMAN).//P17020
 F-PLACE4000654
 F-PLACE4000670//HYPOTHETICAL 44.1 KD PROTEIN IN RPB5-CDC28 INTERGENIC REGION.//1.6e-07:161:
 25//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P33313
 F-SKNMC1000011//PUTATIVE IMPORTIN BETA-4 SUBUNIT (KARYOPHERIN BETA-4 SUBUNIT).//7.4e-15:223:
 45 31//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O60100
 F-SKNMC1000013//TRANSCRIPTION FACTOR BF-2 (BRAIN FACTOR 2) (BF2) (CBF-2) (T-14-6).//0.0013:128:
 35//GALLUS GALLUS (CHICKEN).//Q98937
 F-SKNMC1000046//CUTICLE COLLAGEN 1.//0.0010:154:33//CAENORHABDITIS ELEGANS.//P08124
 F-SKNMC1000050//CALPAIN 2, LARGE [CATALYTIC] SUBUNIT (EC 3.4.22.17) (CALCIUM-ACTIVATED NEU-
 50 TRAL PROTEINASE) (CANP) (M-TYPE).//3.2e-41:87:98//HOMO SAPIENS (HUMAN).//P17655
 F-SKNMC1000091//NTAK PROTEIN (NEURAL- AND THYMUS- DERIVED ACTIVATOR FOR ERBB KINASES).//
 0.0032:154:35//HOMO SAPIENS (HUMAN).//O14511
 F-THYRO1000017//PUTATIVE PYRIDOXAMINE 5'-PHOSPHATE OXIDASE (EC 1.4.3.5) (PNP/PMP OXI-
 DASE).//1.6e-23:124:37//CAENORHABDITIS ELEGANS.//Q20939
 55 F-THYRO1000026//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.0e-13:54:66//HOMO SAPIENS (HUMAN).//
 P39192
 F-THYRO1000034//HYPOTHETICAL 10.4 KD PROTEIN.//0.16:44:34//HEPATITIS B VIRUS (SUBTYPE AYW).//
 P03163

F-THYRO1000035//CAMPATH-1 ANTIGEN PRECURSOR (CD52 ANTIGEN) (CDW52) (CAMBRIDGE PATHOL-
 OGY 1 ANTIGEN).//0.83:59:37//MACACA FASCICULARIS (CRAB EATING MACAQUE) (CYNOMOLGUS MON-
 KEY).//P32763
 5 F-THYRO1000040//60S RIBOSOMAL PROTEIN L37 (FRAGMENT).//0.25:23:39//BOS TAURUS (BOVINE).//
 P79244
 F-THYRO1000070//HYPOTHETICAL 29.3 KD PROTEIN (ORF92).//2.3e-11:133:36//ORGYIA PSEUDOTSUGA-
 TA MULTICAPSID POLYHEDROSIS VIRUS (OPMNPV).//O10341
 F-THYRO1000072//C-PROTEIN, SKELETAL MUSCLE SLOW-ISOFORM.//1.5e-14:205:29//HOMO SAPIENS
 (HUMAN).//Q00872
 10 F-THYRO1000085
 F-THYRO1000092//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS).//0.063:59:33//HOMO SA-
 PIENS (HUMAN).//P49901
 F-THYRO1000107
 F-THYRO1000111//LINE-1 REVERSE TRANSCRIPTASE HOMOLOG.//5.0e-58:110:67//NYCTICEBUS COU-
 CANG (SLOW LORIS).//P08548
 15 F-THYRO1000121//SPLICEOSOME ASSOCIATED PROTEIN 62 (SAP 62) (SF3A66).//2.6e-06:134:35//MUS
 MUSCULUS (MOUSE).//Q62203
 F-THYRO1000124//TENECIN 3 PRECURSOR.//0.047:76:35//TENEbrio MOLITOR (YELLOW MEALWORM).//
 Q27270
 20 F-THYRO1000129//FBROSIN (FRAGMENT).//0.35:43:34//MUS MUSCULUS (MOUSE).//Q60791
 F-THYRO1000132//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//8.7e-14:104:42//HOMO SAPIENS (HUMAN).//
 P39188
 F-THYRO1000156
 F-THYRO1000163//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//3.7e-20:71:71//HOMO SAPIENS (HUMAN).//
 25 P39189
 F-THYRO1000173//CLATHRIN COAT ASSEMBLY PROTEIN AP47 (CLATHRIN COAT ASSOCIATED PROTEIN
 AP47) (GOLGI ADAPTOR AP-1 47 KD PROTEIN) (HA1 47 KD SUBUNIT) (CLATHRIN ASSEMBLY PROTEIN
 ASSEMBLY PROTEIN COMPLEX 1 MEDIUM CHAIN).//6.7e-88:216:76//MUS MUSCULUS (MOUSE).//P35585
 F-THYRO1000186//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//2.9e-24:72:77//HOMO SAPIENS (HUMAN).//
 30 P39192
 F-THYRO1000187
 F-THYRO1000190//PROTEIN TRANSPORT PROTEIN SEC61 BETA 2 SUBUNIT.//0.060:50:42//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P52871
 F-THYRO1000197
 35 F-THYRO1000199//HYPOTHETICAL 49.8 KD PROTEIN D2007.5 IN CHROMOSOME III.//2.0e-06:88:35//
 CAENORHABDITIS ELEGANS.//34379
 F-THYRO1000206
 F-THYRO1000221
 F-THYRO1000241//HYPOTHETICAL 11.8 KD PROTEIN IN HE65-PK2 INTERGENIC REGION.//1.0:51:35//
 40 AUTOGRAPHAL CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41661
 F-THYRO1000242//ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2).//7.4e-37:137:36//HOMO SA-
 PIENS (HUMAN).//P51523
 F-THYRO1000253//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.11:21:52//HO-
 MO SAPIENS (HUMAN).//P30808
 45 F-THYRO1000270//WDNM1 PROTEIN PRECURSOR.//0.40:52:32//MUS MUSCULUS (MOUSE).//Q62477
 F-THYRO1000279//BETA CRYSTALLIN A4.//0.97:64:26//BOS TAURUS (BOVINE).//P11842
 F-THYRO1000288//POTENTIAL CAAX PRENYL PROTEASE 1 (EC 3.4.24.-) (PRENYL PROTEIN- SPECIFIC
 ENDOPROTEASE 1) (PPSEP 1).//3.4e-48:142:42//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//
 Q10071
 50 F-THYRO1000320//ZINC FINGER PROTEIN 14 (ZFP-14) (KROX-9 PROTEIN) (FRAGMENT).//0.87:35:45//MUS
 MUSCULUS (MOUSE).//P10755
 F-THYRO1000327//HYPOTHETICAL 64.7 KD PROTEIN F26E4.11 IN CHROMOSOME I.//0.00010:75:26//
 CAENORHABDITIS ELEGANS.//P90859
 F-THYRO1000343//CHROMOGRANIN A PRECURSOR (CGA) [CONTAINS: PANCREASTATIN; BETA-GRANIN;
 55 WE-14].//0.88:107:26//MUS MUSCULUS (MOUSE).//P26339
 F-THYRO1000358//SELENIUM-BINDING LIVER PROTEIN.//4.6e-25:49:81//MUS MUSCULUS (MOUSE).//
 P17563
 F-THYRO1000368//LOCOMOTION-RELATED PROTEIN HIKARU GENKI PRECURSOR.//1.0:136:26//DRO-

SOPHILA MELANOGASTER (FRUIT FLY).//Q09101
 F-THYRO1000381//GAG POLYPROTEIN [CONTAINS: CORE PROTEIN P15; INNER COAT PROTEIN P12;
 CORE SHELL PROTEIN P30; NUCLEOPROTEIN P10].//0.032:99:35//SIMIAN SARCOMA VIRUS.//P03330
 5 F-THYRO1000387//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//0.90:46:30//HALICHOERUS GRYPUS
 (GRAY SEAL).//P38592
 F-THYRO1000394//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.00019:48:37//HOMO SAPI-
 ENS (HUMAN).//P22531
 F-THYRO1000395//RING CANAL PROTEIN (KELCH PROTEIN).//1.2e-33:186:38//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 10 F-THYRO1000401//50S RIBOSOMAL PROTEIN L7/L12 (FRAGMENT).//0.57:67:31//STAPHYLOCOCCUS AU-
 REUS.//P48860
 F-THYRO1000438//ATP SYNTHASE PROTEIN 8 (EC 3.6.1.34) (A6L).//1.0:42:38//STRONGYLOCENTROTUS
 PURPURATUS (PURPLE SEA URCHIN).//P15997
 F-THYRO1000452//BACTERIOCIN CARNOBACTERIOCIN A PRECURSOR (PISCICOLIN 61).//0.31:34:44//
 15 CARNOBACTERIUM PISCICOLA.//P38578
 F-THYRO1000471/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.1e-31:94:72//HOMO SAPIENS (HUMAN).//
 P39194
 F-THYRO1000484/////ALU SUBFAMILY SX WARNING ENTRY !!!!!/5.9e-08:30:86//HOMO SAPIENS (HUMAN).//
 P39195
 20 F-THYRO1000488//EARLY NODULIN 55-2 PRECURSOR (N-55-2) (NODULIN-315).//0.93:98:27//GLYCINE MAX
 (SOYBEAN).//Q02917
 F-THYRO1000501//DOWN REGULATORY PROTEIN OF INTERLEUKIN 2 RECEPTOR.//2.4e-51:198:50//MUS
 MUSCULUS (MOUSE).//P15533
 F-THYRO1000502//HUNCHBACK PROTEIN (FRAGMENT).//0.84:41:43//APIS MELLIFERA (HONEYBEE).//
 25 P31504
 F-THYRO1000505//HYPOTHETICAL BHLF1 PROTEIN.//0.99:231:33//EPSTEIN-BARR VIRUS (STRAIN B95-8)
 (HUMAN HERPESVIRUS 4).//P03181
 F-THYRO1000558//ANTITHROMBIN-III PRECURSOR (ATIII) (FRAGMENT).//0.47:58:37//GALLUS GALLUS
 (CHICKEN).//Q03352
 30 F-THYRO1000569//COLLAGEN ALPHA 1(I) CHAIN (FRAGMENTS).//0.00048:64:42//RATTUS NORVEGICUS
 (RAT).//P02454
 F-THYRO1000570//HYPOTHETICAL 11.6 KD PROTEIN IN ACS1-GCV3 INTERGENIC REGION.//0.94:61:32//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P39725
 F-THYRO1000585//SPLICING FACTOR, ARGININE/SERINE-RICH 6 (PRE-MRNA SPLICING FACTOR
 SRP55).//0.050:104:36//HOMO SAPIENS (HUMAN).//Q13247
 35 F-THYRO1000596//INFECTED CELL PROTEIN ICP34.5 (NEUROVIRULENCE FACTOR ICP34.5).//0.99:37:40//
 HERPES SIMPLEX VIRUS (TYPE 1 / STRAIN MGH-10).//P37319
 F-THYRO1000602//EAMZP30-47 PROTEIN (FRAGMENT).//0.88:61:34//EIMERIA ACERVULINA.//P21959
 F-THYRO1000605//SUPPRESSOR PROTEIN SRP40.//0.0016:116:26//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P32583
 40 F-THYRO1000625/////ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.4e-33:88:78//HOMO SAPIENS (HUMAN).//
 P39194
 F-THYRO1000637//METALLOTHIONEIN A (MT A).//1.0:23:43//SPARUS AURATA (GILTHEAD SEA BREAM).//
 P52727
 45 F-THYRO1000641//PHOTOSYSTEM II 10 KD PHOSPHOPROTEIN.//0.99:26:46//CYANIDIUM CALDARIUM
 (GALDIERIA SULPHURARIA).//O19925
 F-THYRO1000658/////ALU SUBFAMILY SB WARNING ENTRY !!!!!/1.5e-49:116:69//HOMO SAPIENS (HU-
 MAN).//P39189
 F-THYRO1000662//DNA-DAMAGE-INDUCIBLE PROTEIN P.//3.7e-15:119:43//ESCHERICHIA COLI.//Q47155
 50 F-THYRO1000666//KINESIN-LIKE PROTEIN KLP1.//1.0e-44:232:41//CHLAMYDOMONAS REINHARDTII.//
 P46870
 F-THYRO1000676/////ALU SUBFAMILY SP WARNING ENTRY !!!!!/2.1e-15:144:39//HOMO SAPIENS (HU-
 MAN).//P39193
 F-THYRO1000684//HYPOTHETICAL 73.5 KD PROTEIN IN SCS3-RPS2 INTERGENIC REGION.//0.00033:84:
 30//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53129
 55 F-THYRO1000699/////ALU SUBFAMILY SC WARNING ENTRY !!!!!/0.97:20:85//HOMO SAPIENS (HUMAN).//
 P39192
 F-THYRO1000712/////ALU SUBFAMILY J WARNING ENTRY !!!!!/4.2e-10:69:59//HOMO SAPIENS (HUMAN).//

P39188
 F-THYRO1000715//SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONES CP3, CP4 AND CP5) [CONTAINS: BASIC PEPTIDE IB-6; PEPTIDE P-H].//4.6e-10:204:32//HOMO SAPIENS (HUMAN).//P04280
 F-THYRO1000734
 5 F-THYRO1000748//HYPOTHETICAL PROTEIN KIAA0411 (FRAGMENT).//1.8e-46:130:70//HOMO SAPIENS (HUMAN).//O43295
 F-THYRO1000756//ALPHA-N-ACETYLGALACTOSAMINIDE ALPHA-2,6-SIALYLTRANSFERASE (EC 2.4.99.-) (ST6GALNACIII) (STY).//1.1e-06:95:31//RATTUS NORVEGICUS (RAT).//Q64686
 F-THYRO1000777//CUTICLE COLLAGEN 2C (FRAGMENT).//0.0031:119:34//HAEMONCHUS CONTORTUS.//
 10 P16252
 F-THYRO1000783//MYOSIN IC HEAVY CHAIN.//0.0014:121:37//ACANTHAMOEBA CASTELLANII (AMOEBA).//P10569
 F-THYRO1000787//HUNCHBACK PROTEIN (FRAGMENT).//0.54:25:52//PHOLCUS PHALANGIODES.//Q02031
 15 F-THYRO1000793//PRE-MRNA SPLICING FACTOR PRP9.//0.91:3 0:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P19736
 F-THYRO1000796
 F-THYRO1000805//HYPOTHETICAL 7.3 KD PROTEIN IN 100 KD PROTEIN REGION.//0.081:31:38//HUMAN ADENOVIRUS TYPE 41.//P23691
 20 F-THYRO1000815//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//6.0e-30:81:70//HOMO SAPIENS (HUMAN).//P39195
 F-THYRO1000829//NEUROTOXIN III (BOM III).//0.022:32:34//BUTHUS OCCITANUS MARDOCHEI (MOROCCAN SCORPION).//P13488
 F-THYRO1000843//HYPOTHETICAL 7.7 KD PROTEIN IN GENES 5-4 INTERGENIC REGION (ORF 109).//0.98:25:44//BACTERIOPHAGE P22.//P26750
 25 F-THYRO1000852//SULFATED SURFACE GLYCOPROTEIN 185 (SSG 185).//7.3e-09:83:42//VOLVOX CARTERI.//P21997
 F-THYRO1000855//ANTIFREEZE PEPTIDE 4 PRECURSOR.//1.0:54:35//PSEUDOPLEURONECTA AMERICANUS (WINTER FLOUNDER).//P02734
 30 F-THYRO1000865//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//5.2e-17:66:57//HOMO SAPIENS (HUMAN).//P39188
 F-THYRO1000895//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//1.0e-12:58:62//HOMO SAPIENS (HUMAN).//P39189
 F-THYRO1000916//!!!! ALU SUBFAMILY SB WARNING ENTRY !!!!!//2.0e-32:101:69//HOMO SAPIENS (HUMAN).//P39189
 35 F-THYRO1000926//NITROGEN FIXATION REGULATORY PROTEIN.//5.5e-05:108:27//KLEBSIELLA OXYTACA.//P56267
 F-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE (EC 1.5.1.2) (P5CR) (P5C REDUCTASE).//3.9e-50:147:40//HOMO SAPIENS (HUMAN).//P32322
 40 F-THYRO1000951//DIHYDROXYACETONE KINASE (EC 2.7.1.29) (GLYCERONE KINASE).//1.8e-31:136:56//CITROBACTER FREUNDII.//P45510
 F-THYRO1000952//HYPOTHETICAL 182.0 KD PROTEIN IN NMD5-HOM6 INTERGENIC REGION.//2.4e-05:91:34//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P47170
 F-THYRO1000974//MITOCHONDRIAL ATP-DEPENDENT RNA HELICASE SUV3 PRECURSOR.//1.0:35:40//
 45 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P32580
 F-THYRO1000975
 F-THYRO1000983//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//1.3e-20:96:51//CAENORHABDITIS ELEGANS.//Q11076
 F-THYRO1000984//GTP-BINDING ADP-RIBOSYLATION FACTOR HOMOLOG 1 PROTEIN.//0.011:76:34//DROSOPHILA MELANOGASTER (FRUIT FLY).//P25160
 50 F-THYRO1000988
 F-THYRO1001003//HYPOTHETICAL 8.1 KD PROTEIN IN MSCL-RPLQ INTERGENIC REGION.//0.97:60:31//ESCHERICHIA COLI.//P36675
 F-THYRO1001031//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//9.5e-18:56:66//HOMO SAPIENS (HUMAN).//
 55 P39195
 F-THYRO1001033//TRANSFORMATION-SENSITIVE PROTEIN IEF SSP 3521.//5.0e-13:126:35//HOMO SAPIENS (HUMAN).//P31948
 F-THYRO1001062//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.1e-35:97:79//HOMO SAPIENS (HUMAN).//

P39194
 F-THYRO1001093//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/6.4e-13:70:57//HOMO SAPIENS (HUMAN).//
 P39194
 F-THYRO1001100//ZINC FINGER X-LINKED PROTEIN ZXDA (FRAGMENT).//4.2e-63:219:63//HOMO SAPIENS
 5 (HUMAN).//P98168
 F-THYRO1001120//SPLICEOSOME ASSOCIATED PROTEIN 49 (SAP 49) (SF3B53).//0.00068:160:31//HOMO
 SAPIENS (HUMAN).//Q15427
 F-THYRO1001121//VERY HYPOTHETICAL 20.6 KD PROTEIN C56F8.15 IN CHROMOSOME I.//0.37:158:28//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10263
 10 F-THYRO1001133//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/7.3e-15:59:66//HOMO SAPIENS (HUMAN).//
 P39188
 F-THYRO1001134//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//0.00088:159:29//HOMO SAPIENS (HUMAN).//P10161
 F-THYRO1001142//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/3.0e-29:81:71//HOMO SAPIENS (HUMAN).//
 15 P39194
 F-THYRO1001173//CYTOCHROME C OXIDASE POLYPEPTIDE VIIS (EC 1.9.3.1).//0.88:51:35//DICTYOSTEL-
 IUM DISCOIDEUM (SLIME MOLD).//P20610
 F-THYRO1001177//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/3.0e-24:91:68//HOMO SAPIENS (HUMAN).//
 P39192
 20 F-THYRO1001189//MKR2 PROTEIN (ZINC FINGER PROTEIN 2).//7.3e-27:165:39//MUS MUSCULUS
 (MOUSE).//P08043
 F-THYRO1001204//BASIC PROLINE-RICH PEPTIDE P-E (IB-9).//0.67:42:42//HOMO SAPIENS (HUMAN).//
 P02811
 F-THYRO1001213//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/2.9e-16:61:68//HOMO SAPIENS (HUMM).//
 25 P39194
 F-THYRO1001262//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-36:50:84//HOMO SAPIENS (HUMAN).//
 P39193
 F-THYRO1001271//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.62: 126:30//STREPTO-
 MYCES FRADIAE.//P20186
 30 F-THYRO1001287//HYPOTHETICAL 91.2 KD PROTEIN IN RPS4B-SCH9 INTERGENIC REGION.//1.9e-26:208:
 37//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38888
 F-THYRO1001290//GIANT HEMOGLOBIN AIV CHAIN (FRAGMENT).//1.0:31:38//LAMELLIBRACHIA SP.
 (DEEP-SEA GIANT TUBE WORM).//P20413
 F-THYRO1001313//VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN VPS5.//0.00042:105:31//SAC-
 35 CHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q92331
 F-THYRO1001320//COLLAGEN ALPHA 1(III) CHAIN.//0.27:57:38//BOS TAURUS (BOVINE).//P04258
 F-THYRO1001321//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/5.5e-20:74:64//HOMO SAPIENS (HUMAN).//
 P39188
 F-THYRO1001322//HYPOTHETICAL 7.2 KD PROTEIN.//0.66:49:30//VACCINIA VIRUS (STRAIN COPENHA-
 40 GEN).//P21123
 F-THYRO1001347//TOXIN F-VIII PRECURSOR (TOXIN TA2) (TOXIN DAF8).//0.94:61:36//DENDROASPIS AN-
 GUSTICEPS (EASTERN GREEN MAMBA).//P01404
 F-THYRO1001363//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/0.0025:23:73//HOMO SAPIENS (HUMAN).//
 P39188
 45 F-THYRO1001365//MERSACIDIN PRECURSOR.//0.35:38:42//BACILLUS SP. (STRAIN HIL-Y85/54728).//
 P43683
 F-THYRO1001374//PROTEIN VDLD.//1.6e- 3:140:31//HELICOBACTER PYLORI (CAMPYLOBACTER PY-
 LORI).//O05729
 F-THYRO1001401//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!/0.047:43:48//HOMO SAPIENS (HUMAN).//
 50 P39192
 F-THYRO1001403
 F-THYRO1001405//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.0068:26:42//HOMO SAPIENS
 (HUMAN).//P22531
 F-THYRO1001406//PUTATIVE STEROID DEHYDROGENASE KIK-I (EC 1.1.1.-).//3.1e-81:97:83//MUS MUSCU-
 55 LUS (MOUSE).//O70503
 F-THYRO1001411//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.9e-26:89:74//HOMO SAPIENS (HUMAN).//
 P39193
 F-THYRO1001426//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!/1.4e-09:55:61//HOMO SAPIENS (HUMAN).//

P39193
 F-THYRO1001434//BETA-DEFENSIN 4 PRECURSOR (BNDB-4).//0.68:44:34//BOS TAURUS (BOVINE).//
 P46162
 F-THYRO1001458//MYOSIN HEAVY CHAIN, NONMUSCLE TYPE B (CELLULAR MYOSIN HEAVY CHAIN, TYPE
 5 B) (NMMHC-B).//3.8e-64:216:62//HOMO SAPIENS (HUMAN).//P35580
 F-THYRO1001480//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//9.3e-29:88:75//HOMO SAPIENS (HUMAN).//
 P39194
 F-THYRO1001487//HOMEBOX PROTEIN HOX-B4 (HOX-2.6).//0.99:59:37//MUS MUSCULUS (MOUSE).//
 P10284
 10 F-THYRO1001534//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//1.4e-14:40:82//HOMO SAPIENS (HUMAN).//
 P39194
 F-THYRO1001537//HYPOTHETICAL 33.8 KD PROTEIN IN TWT1-FLO5 INTERGENIC REGION.//2.4e-07:142:
 32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38892
 F-THYRO1001541//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.98:26:61//HOMO SAPIENS (HUMAN).//
 15 P39195
 F-THYRO1001559//PROTEIN Q300.//2.6e-05:20:75//MUS MUSCULUS (MOUSE).//Q02722
 F-THYRO1001570
 F-THYRO1001573//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS).//0.033:71:36//MUS MUS-
 CULUS (MOUSE).//P15265
 20 F-THYRO1001584//SUPPRESSOR PROTEIN SRP40.//2.1e-05:188:27//SACCHAROMYCES CEREVISIAE
 (BAKER'S YEAST).//P32583
 F-THYRO1001595//RAS SUPPRESSOR PROTEIN 1 (RSU-1) (RSP-1 PROTEIN) (RSP-1).//6.1e-21:35:91//HO-
 MO SAPIENS (HUMAN).//Q15404
 F-THYRO1001602//TRK SYSTEM POTASSIUM UPTAKE PROTEIN TRKH.//1.0:57:42//HAEMOPHILUS INFLU-
 25 ENZAE.//P44843
 F-THYRO1001605//VENOM BASIC PROTEASE INHIBITORS IX AND VIIIB.//1.0:34:38//BUNGARUS FASCIA-
 TUS (BANDED KRAIT).//P25660
 F-THYRO1001617//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//7.0e-18:55:81//HOMO SAPIENS (HUMAN).//
 P39194
 30 F-THYRO1001637//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.00020:25:80//HOMO SAPIENS (HU-
 MAN).//P39195
 F-THYRO1001656//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//0.0091:54:42//MUS MUSCULUS
 (MOUSE).//P05142
 F-THYRO1001661//HYPOTHETICAL 21.1 KD PROTEIN IN SSR-SERA INTERGENIC REGION (O182).//0.033:
 35 77:35//ESCHERICHIA COLI.//P09160
 F-THYRO1001671//((2'-5')OLIGOADENYLATE SYNTHETASE 1 (EC 2.7.7.-) ((2-5')OLIGO(A) SYNTHETASE 1)
 (2-5A SYNTHETASE 1) (P46/P41) (E18/E16).//4.3e-34:207:34//HOMO SAPIENS (HUMAN).//P00973
 F-THYRO1001673//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!//3.9e-08:49:65//HOMO SAPIENS (HUMAN).//
 P39194
 40 F-THYRO1001703//HYPOTHETICAL 69.8 KD PROTEIN IN BDF1-SFP1 INTERGENIC REGION.//6.4e-16:134:
 35//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q06053
 F-THYRO1001706
 F-THYRO1001721//RING CANAL PROTEIN (KELCH PROTEIN).//2.7e-27:191:36//DROSOPHILA MELA-
 NOGASTER (FRUIT FLY).//Q04652
 45 F-THYRO1001738//MATING PROCESS PROTEIN MID2 (SERINE-RICH PROTEIN SMS1) (PROTEIN KINASE
 A INTERFERENCE PROTEIN).//0.0032:105:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P36027
 F-THYRO1001745
 F-THYRO1001746//GENE 10 PROTEIN.//1.0:55:30//SPIROPLASMA VIRUS SPV1-R8A2 B.//P15901
 F-THYRO1001772//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!//1.2e-05:41:63//HOMO SAPIENS (HUMAN).//
 50 P39188
 F-THYRO1001793//HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III.//1.5e-26:161:42//
 CAENORHABDITIS ELEGANS.//P41880
 F-THYRO1001809//LATENCY-RELATED PROTEIN 2.//0.49:74:27//HERPES SIMPLEX VIRUS (TYPE 1 /
 STRAIN F).//P17589
 55 F-THYRO1001828//PROTEINASE INHIBITOR.//0.11:34:50//SOLANUM MELONGENA (EGGPLANT) (AUBER-
 GINE).//P01078
 F-THYRO1001854//ACYL-COA-BINDING PROTEIN HOMOLOG (ACBP) (DIAZEPAM BINDING INHIBITOR HO-
 MOLOG) (DBI).//0.63:50:38//RANA RIDIBUNDA (LAUGHING FROG) (MARSH FROG).//P45883

F-THYRO1001895//!!!! ALU SUBFAMILY J WARNING ENTRY !!!!!/6.1e-09:72:47//HOMO SAPIENS (HUMAN).//
 P39188
 F-THYRO1001907//TRYPOMASTIGOTE DECAY-ACCELERATING FACTOR (T-DAF) (FRAGMENT).//0.79:36:
 44//TRYPANOSOMA CRUZI.//Q26327
 5 F-VESEN1000122//HOMEOBOX PROTEIN HB9.//0.57:64:32//HOMO SAPIENS (HUMAN).//P50219
 F-Y79AA1000013//METALLOTHIONEIN B (MT-B).//0.034:35:48//SALMO SALAR (ATLANTIC SALMON).//
 P52720
 F-Y79AA1000033//CHOLECYSTOKININ.//0.97:49:30//PSEUDEMYN SCRIPTA (SLIDER TURTLE).//P80345
 F-Y79AA1000037//DNA-BINDING PROTEIN BMI-1.//1.4e-23:80:60//HOMO SAPIENS (HUMAN).//P35226
 10 F-Y79AA1000059//HYPOTHETICAL 35.5 KD PROTEIN IN TRANSPOSON TN4556.//0.0075:127:36//STREPTO-
 MYCES FRADIAE.//P20186
 F-Y79AA1000065//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAG-
 MENT).//0.022:135:29//HOMO SAPIENS (HUMAN).//P10162
 F-Y79AA1000131//REGULATORY PROTEIN E2.//1.1e-05:175:26//HUMAN PAPILLOMAVIRUS TYPE 24.//
 15 P50770
 F-Y79AA1000181//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//1.4e-06:187:29//MUS MUSCULUS
 (MOUSE).//P05143
 F-Y79AA1000202//HYPOTHETICAL PROLINE-RICH PROTEIN (FRAGMENT).//6.2e-09:47:53//OWENIA FUSI-
 FORMIS.//P21260
 20 F-Y79AA1000214//HISTONE H2A VARIANT.//1.7e-50:107:100//GALLUS GALLUS (CHICKEN).//P02272
 F-Y79AA1000230//GONADOLIBERIN I PRECURSOR (LHRH I) (LUTEINIZING HORMONE RELEASING HOR-
 MONE I) (GONADOTROPIN RELEASING HORMONE I) (GNRH I) (LULIBERIN I).//0.27:64:34//HOMO SAPIENS
 (HUMAN).//P01148
 F-Y79AA1000231//HYPOTHETICAL 47.9 KD PROTEIN M021B04.12.//2.5e-72:277:53//ARABIDOPSIS THAL-
 25 IANA (MOUSE-EAR CRESS).//O04658
 F-Y79AA1000258//PROLINE-RICH PROTEIN MP-2 PRECURSOR.//2.8e-08:174:35//MUS MUSCULUS
 (MOUSE).//P05142
 F-Y79AA1000268//COLLAGEN ALPHA 1(III) CHAIN (FRAGMENT).//0.00020:176:33//RATTUS NORVEGICUS
 (RAT).//P13941
 30 F-Y79AA1000313//HYPOTHETICAL 54.0 KD PROTEIN C32A3.1 IN CHROMOSOME III.//0.092:127:21//
 CAENORHABDITIS ELEGANS.//Q09260
 F-Y79AA1000328//SEL-10 PROTEIN.//5.3e-05:129:28//CAENORHABDITIS ELEGANS.//Q93794
 F-Y79AA1000342//KERATIN, ULTRA HIGH-SULFUR MATRIX PROTEIN (UHS KERATIN).//1.0:73:30//OVIS AR-
 35 IES (SHEEP).//P26372
 F-Y79AA1000346//COATOMER GAMMA SUBUNIT (GAMMA-COAT PROTEIN) (GAMMA-COP).//1.8e-95:205:
 83//BOS TAURUS (BOVINE).//P53620
 F-Y79AA1000349//ANTIFREEZE PEPTIDE 4 PRECURSOR.//0.036:37:54//PSEUDOPLEURONECTA AMERI-
 CANUS (WINTER FLOUNDER).//P02734
 F-Y79AA1000355//HYPOTHETICAL 18.2 KD PROTEIN ZK632.13 IN CHROMOSOME III.//0.0031:106:28//
 40 CAENORHABDITIS ELEGANS.//Q10120
 F-Y79AA1000368//REDUCED VIABILITY UPON STARVATION PROTEIN 161.//1.4e-16:208:28//SACCHARO-
 MYCES CEREVISIAE (BAKER'S YEAST).//P25343
 F-Y79AA1000405//LIGHT-HARVESTING PROTEIN B-800-850, ALPHA CHAIN C (ANTENNA PIGMENT PRO-
 TEIN, ALPHA CHAIN C) (LH II-C ALPHA).//0.98:50:30//RHODOPSEUDOMONAS PALUSTRIS.//P35103
 45 F-Y79AA1000410//!!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!!/7.9e-20:62:79//HOMO SAPIENS (HUMAN).//
 P39194
 F-Y79AA1000420//HYPOTHETICAL 27.7 KD PROTEIN IN UME3-HDA1 INTERGENIC REGION.//1.4e-06:86:38//
 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53970
 F-Y79AA1000469//HYPOTHETICAL 48.4 KD PROTEIN F44B9.5 IN CHROMOSOME III.//2.8e-34:211:40//
 50 CAENORHABDITIS ELEGANS.//P34426
 F-Y79AA1000480//HYPOTHETICAL 63.2 KD PROTEIN C1F3.09 IN CHROMOSOME I.//3.9e-15:90:32//
 SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10414
 F-Y79AA1000538//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!/0.37:41:48//HOMO SAPIENS (HUMAN).//
 P39195
 55 F-Y79AA1000539//SPLICING FACTOR, ARGININE/SERINE-RICH 4 (PRE-MRNA SPLICING FACTOR SRP75).//
 1.8e-21:190:37//HOMO SAPIENS (HUMAN).//Q08170
 F-Y79AA1000540//SPERM PROTAMINE P1.//0.00045:66:45//DASYURUS VIVERRINUS (SOUTHEASTERN
 QUOLL), AND DASYURUS HALLUCATUS.//P42135

- F-Y79AA1000560//ALPHA-ADAPTIN C (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-C LARGE CHAIN) (100 KD COATED VESICLE PROTEIN C) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA C SUBUNIT).//1.6e-79:186:87//MUS MUSCULUS (MOUSE).//P17427
- 5 F-Y79AA1000574//AKLAVINONE C-11 HYDROXYLASE (EC 1.-.-.-) (FRAGMENT).//0.010:35:60//STREPTOMYCES PEUCETIUS.//P32009
- F-Y79AA1000589//32.3 KD PROTEIN IN CWP1-MBR1 INTERGENIC REGION.//4.5e-27:197:36//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P28320
- F-Y79AA1000627//ZINC FINGER PROTEIN 134.//1.6e-34:191:35//HOMO SAPIENS (HUMAN).//P52741
- 10 F-Y79AA1000705//HYPOTHETICAL 128.5 KD HELICASE IN ATS1-TPD3 INTERGENIC REGION.//8.7e-36:250:40//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P31380
- F-Y79AA1000734//PEROXISOMAL MEMBRANE PROTEIN PMP30A (PMP31) (PEROXIN-11A).//0.00037:108:27//CANDIDA BOIDINII (YEAST).//Q00316
- F-Y79AA1000748//HYPOTHETICAL 61.3 KD PROTEIN F25B5.5 IN CHROMOSOME III.//1.0e-23:210:34//CAENORHABDITIS ELEGANS.//Q09316
- 15 F-Y79AA1000752//PUTATIVE HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN X (HNRNP X) (CBP).//1.4e-53:156:68//MUS MUSCULUS (MOUSE).//Q61990
- F-Y79AA1000774//HYPOTHETICAL 77.9 KD PROTEIN IN RRN10-MCM2 INTERGENIC REGION.//1.2e-11:231:26//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38205
- F-Y79AA1000782//CUTICLE COLLAGEN 2.//0.012:56:35//CAENORHABDITIS ELEGANS.//P17656
- 20 F-Y79AA1000784//HISTIDINE-RICH GLYCOPROTEIN PRECURSOR.//1.3e-08:82:39//PLASMODIUM LOPHURAE.//P04929
- F-Y79AA1000794//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.043:13:53//HOMO SAPIENS (HUMAN).//P30808
- F-Y79AA1000800//PRIA PROTEIN PRECURSOR.//0.031:94:34//LENTINULA EDODES (SHIITAKE MUSHROOM) (LENTINUS EDODES).//Q01200
- 25 F-Y79AA1000802//HYPOTHETICAL 67.4 KD PROTEIN IN RPS3-PSD1 INTERGENIC REGION.//0.26:186:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53882
- F-Y79AA1000805//AMP DEAMINASE (EC 3.5.4.6) (MYOADENYLATE DEAMINASE).//0.99:78:35//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P50998
- 30 F-Y79AA1000824//HYPOTHETICAL 81.7 KD PROTEIN IN MOL1-NAT2 INTERGENIC REGION.//3.4e-44:111:49//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P48234
- F-Y79AA1000827//HYPOTHETICAL BHLF1 PROTEIN.//0.0046:187:33//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
- F-Y79AA1000833//TUBULIN ALPHA-1 CHAIN.//1.0e-75:239:66//CRICETULUS GRISEUS (CHINESE HAMSTER).//P05209
- 35 F-Y79AA1000850//SMALL PROLINE-RICH PROTEIN II (SPR-II) (CLONE 174N).//0.0078:57:31//HOMO SAPIENS (HUMAN).//P22532
- F-Y79AA1000962//MYOSIN HEAVY CHAIN, GIZZARD SMOOTH MUSCLE.//8.5e-11:241:26//GALLUS GALLUS (CHICKEN).//P10587
- 40 F-Y79AA1000966//ATP SYNTHASE A CHAIN (EC 3.6.1.34) (PROTEIN 6).//0.69:122:31//TRYPANOSOMA BRUCEI BRUCEI.//P24499
- F-Y79AA1000968//TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR).//3.3e-102:211:93//RATTUS NORVEGICUS (RAT).//P70541
- F-Y79AA1000969//PROCOLLAGEN ALPHA 1(I) CHAIN PRECURSOR.//1.0:67:38//GALLUS GALLUS (CHICKEN).//P02457
- 45 F-Y79AA1000976//INVOLUCRIN.//0.99:66:31//CEBUS ALBIFRONS (WHITE-FRONTED CAPUCHIN).//P24709
- F-Y79AA1000985//PERICENTRIN.//1.1e-24:116:59//MUS MUSCULUS (MOUSE).//P48725
- F-Y79AA1001023//HYPOTHETICAL 105.9 KD PROTEIN IN AAC3-RFC5 INTERGENIC REGION.//0.37:79:27//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38250
- 50 F-Y79AA1001041//SPERMATID-SPECIFIC PROTEIN T1 [CONTAINS: SPERM PROTAMINE SP1].//0.93:43:39//SEPIA OFFICINALIS (COMMON CUTTLEFISH).//P80001
- F-Y79AA1001048//ACYL-COA DEHYDROGENASE, VERY-LONG-CHAIN SPECIFIC PRECURSOR (EC 1.3.99.-) (VLCAD).//1.5e-51:211:52//BOS TAURUS (BOVINE).//P48818
- F-Y79AA1001061//ALU SUBFAMILY SQ WARNING ENTRY !!!!!.//3.8e-25:85:69//HOMO SAPIENS (HUMAN).//P39194
- 55 F-Y79AA1001068//PROCOLLAGEN ALPHA 1(II) CHAIN PRECURSOR [CONTAINS: CHONDROCALCIN].//0.0015:207:33//MUS MUSCULUS (MOUSE).//P28481
- F-Y79AA1001077//ADULT-SPECIFIC RIGID CUTICULAR PROTEIN 11.9 (ACP 11.9).//0.99:36:41//ARANEUS DI-

ADEMATUS (SPIDER).//P80515
 F-Y79AA1001078//HYPOTHETICAL 88.1 KD PROTEIN K02D10.1 IN CHROMOSOME III.//1.0e-06:197:23//
 CAENORHABDITIS ELEGANS //P34492
 F-Y79AA1001105//HOMEBOX PROTEIN OTX2.//2.9e-62:163:79//MUS MUSCULUS (MOUSE).//P80206
 5 F-Y79AA1001145//!!!! ALU SUBFAMILY SX WARNING ENTRY !!!!!//0.024:42:59//HOMO SAPIENS (HUMAN).//
 P39195
 F-Y79AA1001167//HYPOTHETICAL 7.1 KD PROTEIN IN IAP2-VLF1 INTERGENIC REGION.//0.96:20:50//
 AUTOGRAPH CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS (ACMNPV).//P41471
 F-Y79AA1001177//HYPOTHETICAL BHLF1 PROTEIN.//3.9e-05:135:34//EPSTEIN-BARR VIRUS (STRAIN
 10 B95-8) (HUMAN HERPESVIRUS 4).//P03181
 F-Y79AA1001185//PUTATIVE CUTICLE COLLAGEN C09G5.5.//0.00017:93:38//CAENORHABDITIS ELE-
 GANS.//Q09456
 F-Y79AA1001211
 F-Y79AA1001216//TENSIN.//0.012:134:32//GALLUS GALLUS (CHICKEN).//Q04205
 15 F-Y79AA1001228//MUCIN 2 PRECURSOR (INTESTINAL MUCIN 2).//0.088:75:34//HOMO SAPIENS (HUMAN).//
 Q02817
 F-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1 (EC 1.1.1.62) (17-BETA-HSD 1) (17-BETA-HY-
 DROXYSTEROID DEHYDROGENASE 1).//1.1e-40:139:51//RATTUS NORVEGICUS (RAT).//P51657
 F-Y79AA1001236//HYPOTHETICAL 34.7 KD PROTEIN IN ORC2-TIP1 INTERGENIC REGION.//2.0e-22:108:53//
 20 SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P38238
 F-Y79AA1001281
 F-Y79AA1001299//PROLINE-RICH PROTEIN MP-3 (FRAGMENT).//0.0022:49:44//MUS MUSCULUS
 (MOUSE).//P05143
 F-Y79AA1001312//50S RIBOSOMAL PROTEIN L24, CHLOROPLAST PRECURSOR.//0.98:117:25//ARABIDOP-
 25 SIS THALIANA (MOUSE-EAR CRESS).//P92959
 F-Y79AA1001323//CORNIFIN (SMALL PROLINE-RICH PROTEIN I) (SPR-I) (SMALL PROLINE-RICH SQUA-
 MOUS CELL MARKER) (SPRP).//0.082:44:40//SUS SCROFA (PIG).//P35323
 F-Y79AA1001384//APOLIPOPROTEIN C-III PRECURSOR (APO-CIII).//0.99:47:40//MUS MUSCULUS
 (MOUSE).//P33622
 30 F-Y79AA1001391//HOMEBOX PROTEIN HOX-A13 (HOX-1J).//9.8e-58:157:62//HOMO SAPIENS (HUMAN).//
 P31271
 F-Y79AA1001394//TRICHOHYALIN.//4.7e-08:121:36//HOMO SAPIENS (HUMAN).//Q07283
 F-Y79AA1001402//ETS-DOMAIN TRANSCRIPTION FACTOR ERF.//0.0087:81:33//MUS MUSCULUS
 (MOUSE).//P70459
 35 F-Y79AA1001493//HYPOTHETICAL 48.1 KD PROTEIN B0403.2 IN CHROMOSOME X.//4.5e-21:125:44//
 CAENORHABDITIS ELEGANS.//Q11076
 F-Y79AA1001511//HYPOTHETICAL 86.6 KD PROTEIN IN PFK1-TDS4 INTERGENIC REGION.//2.3e-17:249:
 31//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53313
 F-Y79AA1001533//DNA-DIRECTED RNA POLYMERASE I49 KD POLYPEPTIDE (EC 2.7.7.6) (A49).//0.0099:
 40 155:23//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//Q01080
 F-Y79AA1001541
 F-Y79AA1001548//!!!! ALU SUBFAMILY SC WARNING ENTRY !!!!!//1.1e-17:53:83//HOMO SAPIENS (HUMAN).//
 P39192
 F-Y79AA1001555//MAJOR SURFACE ANTIGEN.//0.046:62:29//HEPATITIS B VIRUS.//P31873
 45 F-Y79AA1001581//ACETYL-COENZYME A SYNTHETASE (EC 6.2.1.1) (ACETATE-COA LIGASE) (ACYL- AC-
 TIVATING ENZYME).//8.6e-11:144:31//ESCHERICHIA COLI.//P27550
 F-Y79AA1001585//SPERM MITOCHONDRIAL CAPSULE SELENOPROTEIN (MCS).//0.012:64:40//MUS MUS-
 CULUS (MOUSE).//P15265
 F-Y79AA1001594//CORNIFIN BETA.//0.61:88:31//MUS MUSCULUS (MOUSE).//O09116
 50 F-Y79AA1001603//TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (TAFII135)
 (TAFII-130) (TAFII130).//0.024:170:30//HOMO SAPIENS (HUMAN).//O00268
 F-Y79AA1001613//ZINC FINGER PROTEIN 42 (MYELOID ZINC FINGER 1) (MZF-1).//4.5e-09:136:27//HOMO
 SAPIENS (HUMAN).//P28698
 F-Y79AA1001647//HYPOTHETICAL 23.1 KD PROTEIN CY277.20C.//0.093:94:26//MYCOBACTERIUM TUBER-
 55 CULOSIS.//P71779
 F-Y79AA1001665//HOMEBOX PROTEIN DLX-2 (HOMEBOX PROTEIN TES-1).//0.79:90:26//MUS MUSCU-
 LUS (MOUSE).//P40764
 F-Y79AA1001679//LAMBDA-CRYSTALLIN.//1.6e-95:224:81//ORYCTOLAGUS CUNICULUS (RABBIT).//P14755

F-Y79AA1001692//GERM CELL-LESS PROTEIN.//3.5e-08:78:38//DROSOPHILA MELANOGASTER (FRUIT FLY)//Q01820
 F-Y79AA1001696//INSULIN.//1.0:33:27//ANGUILLA ROSTRATA (AMERICAN EEL).//P42633
 F-Y79AA1001705//HYPOTHETICAL BHLF1 PROTEIN.//0.0013:192:33//EPSTEIN-BARR VIRUS (STRAIN B95-8) (HUMAN HERPESVIRUS 4).//P03181
 5 F-Y79AA1001711//PARATHYMOSIN (ZINC-BINDING 11.5 KD PROTEIN).//0.032:38:34//RATTUS NORVEGICUS (RAT).//P04550
 F-Y79AA1001781
 F-Y79AA1001805//VASODILATOR-STIMULATED PHOSPHOPROTEIN (VASP).//0.0063:128:30//HOMO SAPIENS (HUMAN).//P50552
 10 F-Y79AA1001827//SPERM PROTAMINE P1.//0.015:45:40//DIDELPHIS MARSUPIALIS VIRGINIANA (NORTH AMERICAN OPOSSUM), AND MONODELPHIS DOMESTICA (SHORT-TAILED GREY OPOSSUM).//P35305
 F-Y79AA1001846//!!!! ALU SUBFAMILY J WARNING ENTRY!!!!//2.4e-09:42:73//HOMO SAPIENS (HUMAN).//P39188
 15 F-Y79AA1001848//KRUEPPEL PROTEIN (FRAGMENT).//1.8e-10:63:44//PSYCHODA CINEREA.//Q02035
 F-Y79AA1001866//ZINC FINGER PROTEIN 90 (ZFP-90) (ZINC FINGER PROTEIN NK10).//0.00036:108:37//MUS MUSCULUS (MOUSE).//Q61967
 F-Y79AA1001874//OX40L RECEPTOR PRECURSOR (ACT35 ANTIGEN) (TAX-TRANSCRIPTIONALLY ACTIVATED GLYCOPROTEIN-1 RECEPTOR) (CD134 ANTIGEN).//3.2e-07:100:35//HOMO SAPIENS (HUMAN).//P43489
 20 F-Y79AA1001875//B-CELL GROWTH FACTOR PRECURSOR (BCGF-12 KD).//0.020:25:64//HOMO SAPIENS (HUMAN).//P20931
 F-Y79AA1001923//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE K) [CONTAINS: PEPTIDE P-D] (FRAGMENT).//0.016:83:36//HOMO SAPIENS (HUMAN).//P10162
 25 F-Y79AA1001963//PUTATIVE PRE-MRNA SPLICING FACTOR ATP-DEPENDENT RNA HELICASE SPAC10F6.02C.//8.1e-13:94:47//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//O42643
 F-Y79AA1002027//UBIQUITIN-CONJUGATING ENZYME E2-18 KD (EC 6.3.2.19) (UBIQUITIN- PROTEIN LIGASE) (UBIQUITIN CARRIER PROTEIN) (PM42).//9.8e-39:143:52//ARABIDOPSIS THALIANA (MOUSE-EAR CRESS).//P42743
 30 F-Y79AA1002083//DNA-BINDING P52/P100 COMPLEX, 100 KD SUBUNIT (FRAGMENTS).//0.036:53:45//HOMO SAPIENS (HUMAN).//P30808
 F-Y79AA1002089//HYPOTHETICAL 49.1 KD PROTEIN F02A9.4 IN CHROMOSOME III.//0.12:171:22//CAENORHABDITIS ELEGANS.//P34384
 F-Y79AA1002093//MAX PROTEIN.//3.1e-07:111:29//BRACHYDANIO RERIO (ZEBRAFISH) (ZEBRA DANIO).//P52161
 35 F-Y79AA1002103//SHORT NEUROTOXIN C.//0.040:21:47//AIPYSURUS LAEVIS (OLIVE SEA SNAKE).//P19958
 F-Y79AA1002115//HYPOTHETICAL PROTEIN MJ0827.//0.84:68:30//METHANOCOCCUS JANNASCHII.//Q58237
 40 F-Y79AA1002125//HYPOTHETICAL 24.7 KD PROTEIN IN POM152-REC114 INTERGENIC REGION.//3.4e-29:197:39//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P40206
 F-Y79AA1002139//DNAJ PROTEIN HOMOLOG 1 (DROJ1).//1.9e-19:120:45//DROSOPHILA MELANOGASTER (FRUIT FLY).//Q24133
 F-Y79AA1002204//TBX6 PROTEIN (T-BOX PROTEIN 6).//0.0011:162:32//MUS MUSCULUS (MOUSE).//P70327
 45 F-Y79AA1002208//ANKYRIN.//2.9e-08:231:29//MUS MUSCULUS (MOUSE).//Q02357
 F-Y79AA1002209//TYROSYL-TRNA SYNTHETASE, MITOCHONDRIAL PRECURSOR (EC 6.1.1.1) (TYROSINE-TRNA LIGASE) (TYRRS).//3.7e-23:170:32//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P48527
 F-Y79AA1002210//CORNIFIN A (SMALL PROLINE-RICH PROTEIN IA) (SPR-IA) (SPRK).//0.0061:69:31//HOMO SAPIENS (HUMAN).//P35321
 50 F-Y79AA1002211//!!!! ALU SUBFAMILY SP WARNING ENTRY !!!!!//9.2e-10:43:62//HOMO SAPIENS (HUMAN).//P39193
 F-Y79AA1002220
 F-Y79AA1002229//HYPOTHETICAL 60.7 KD PROTEIN C56F8.17C IN CHROMOSOME I.//1.9e-21:147:40//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//Q10264
 55 F-Y79AA1002234
 F-Y79AA1002246//MYOSIN IC HEAVY CHAIN.//0.00066:131:34//ACANTHAMOEBA CASTELLANII (AMOEBA).//P10569

EP 1 074 617 A2

F-Y79AA1002258//HYPOTHETICAL 103.9 KD PROTEIN ZK370.3 IN CHROMOSOME III.//4.3e-45:164:48//
CAENORHABDITIS ELEGANS.//Q02328
F-Y79AA1002298//SALIVARY PROLINE-RICH PROTEIN PO (ALLELE M) [CONTAINS: PEPTIDE P-D] (FRAG-
MENT).//0.0063:99:31//HOMO SAPIENS (HUMAN).//P10161
5 F-Y79AA1002307
F-Y79AA1002311//HYPOTHETICAL 105.3 KD PROTEIN C01G6.5 IN CHROMOSOME III.//0.75:198:24//
CAENORHABDITIS ELEGANS.//P46012
F-Y79AA1002351//CUTICLE COLLAGEN 34.//0.74:128:35//CAENORHABDITIS ELEGANS.//P34687
F-Y79AA1002361//GLC7-INTERACTING PROTEIN 2.//0.050:71:29//SACCHAROMYCES CEREVISIAE (BAK-
ER'S YEAST).//P40036
10 F-Y79AA1002399//NEUROMODULIN (AXONAL MEMBRANE PROTEIN GAP-43) (PP46) (B-50) (PROTEIN F1)
(CALMODULIN-BINDING PROTEIN P-57).//1.0:89:30//CARASSIUS AURATUS (GOLDFISH).//P17691
F-Y79AA1002407//HYPOTHETICAL 31.5 KD PROTEIN IN YGP1-YCK2 INTERGENIC REGION.//3.7e-16:232:
28//SACCHAROMYCES CEREVISIAE (BAKER'S YEAST).//P53899
15 F-Y79AA1002416//CTP SYNTHASE (EC 6.3.4.2) (UTP-AMMONIA LIGASE) (CTP SYNTHETASE).//6.7e-72:
162:84//HOMO SAPIENS (HUMAN).//P17812
F-Y79AA1002431//SMALL PROLINE RICH PROTEIN II (SPR-II) (CLONE 930).//0.81:34:41//HOMO SAPIENS
(HUMAN).//P22531
F-Y79AA1002433//CELL DIVISION CONTROL PROTEIN 68.//0.00024:85:27//SACCHAROMYCES CEREVI-
SIAE (BAKER'S YEAST).//P32558
20 F-Y79AA1002472//ZINC FINGER PROTEIN 35 (ZFP-35).//2.3e-60:217:44//MUS MUSCULUS (MOUSE).//
P15620
F-Y79AA1002482//ZINC FINGER PROTEIN 141.//2.0e-31:90:55//HOMO SAPIENS (HUMAN).//Q15928
F-Y79AA1002487//HYPOTHETICAL 67.1 KD TRP-ASP REPEATS CONTAINING PROTEIN C57A10.05C IN
25 CHROMOSOME I.//0.18:41:36//SCHIZOSACCHAROMYCES POMBE (FISSION YEAST).//P87053

Homology Search Result Data 2.

[0300] The result of the homology search of the GenBank using the clone sequence of 5'-end except EST and STS.
30 [0301] Data include

the name of clone,
definition of the top hit data,
the P-value: the length of the compared sequence: identity (%), and
35 the Accession No. of the top hit data, as in the order separated by //.
[0302] Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000005//Mouse tumor cell dnaJ-like protein 1 mRNA, complete cds.//3.4e-106:695:86//L16953
F-HEMBA1000012//Caenorhabditis-elegans cosmid C16C10, complete sequence.//1.5e-24:374:66//Z46787
40 F-HEMBA1000020//Homo sapiens beta 2 gene.//3.5e-112:529:90//X02344
F-HEMBA1000030//Rattus norvegicus G protein-coupled receptor kinase-associated ADP ribosylation factor GT-
Pase-activating protein (GIT1) mRNA, complete cds.//5.6e-124:743:88//AF085693
F-HEMBA1000042//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3
unordered pieces.//1.1e-25:529:65//AC004581
45 F-HEMBA1000046//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 125i3, WORKING
DRAFT SEQUENCE.//3.2e-11:330:63//AL033528
F-HEMBA1000050//Homo sapiens DNA sequence from PAC 172K10 on chromosome 6q24. Contains STS, GSS
and chromosome 6 fragment, complete sequence.//0.32:407:59//AL022477
F-HEMBA1000076//Homo sapiens full-length insert cDNA clone ZB97G06.//6.2e-135:594:98//AF086182
50 F-HEMBA1000111//CIT-HSP-2291M18.TF CIT-HSP Homo sapiens genomic clone 2291M18 genomic survey se-
quence.//2.8e-16:132:79//AQ004134
F-HEMBA1000129//Homo sapiens chromosome 17, clone HCIT48C15, complete sequence.//8.6e-98:230:93//
AC003104
F-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds.//2.1e-167:791:98//AB018340
55 F-HEMBA1000150//Homo sapiens mRNA for KIAA0788 protein, partial cds.//2.2e-44:242:96//AB018331
F-HEMBA1000156//Rattus norvegicus scaffold attachment factor B mRNA, complete cds.//1.1e-10:409:60//
AF056324
F-HEMBA1000158//Homo sapiens CAGH44 mRNA, partial cds.//1.6e-35:365:73//U80741

- F-HEMBA1000168//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 321D2, WORKING DRAFT SEQUENCE.//0.99:290:61//AL031033
- F-HEMBA1000180//rat u2 small nuclear rna gene and flanks.//3.7e-18:112:98//K00034
- F-HEMBA1000185
- 5 F-HEMBA1000193//Human FMR1 gene, 5' end.//0.0012:191:67//L19476
- F-HEMBA1000201//Human Ini1 mRNA, complete cds.//2.0e-73:440:92//U04847
- F-HEMBA1000213//Plasmodium falciparum MAL3P7, complete sequence.//0.90:332:59//AL034559
- F-HEMBA1000216//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//4.8e-117:585:83//AF060194
- 10 F-HEMBA1000227//H.sapiens CpG island DNA genomic Mse1 fragment, clone 179h6, reverse read cpg179h6.rt1a.//1.9e-14:95:98//Z64921
- F-HEMBA1000231//H.sapiens CpG island DNA genomic Mse1 fragment, clone 90a5, reverse read cpg90a5.rt1a.//5.1e-34:186:97//Z56144
- F-HEMBA1000243//Human DNA sequence from PAC 440O21 on chromosome X contains ESTs and STS.//4.1e-67:291:82//Z84481
- 15 F-HEMBA1000244//M.musculus Ank-1 mRNA for erythroid ankydn.//0.029:316:59//X69065
- F-HEMBA1000251//Homo sapiens PAC clone DJ0988L12 from 7q11.23-q21.1, complete sequence.//0.35:467:60//AC004454
- F-HEMBA1000264
- 20 F-HEMBA1000280//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//8.9e-20:218:78//AC004825
- F-HEMBA1000282//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//4.2e-08:134:77//AC004617
- F-HEMBA1000288//345L5.TPB CIT978SKA1 Homo sapiens genomic clone A-345L05, genomic survey sequence.//1.1e-06:152:73//B17459
- 25 F-HEMBA1000290//Human ornithine decarboxylase gene, complete cds.//3.2e-11:507:62//M33764
- F-HEMBA1000302//CIT-HSP-2169N13.TF CIT-HSP Homo sapiens genomic clone 2169N13, genomic survey sequence.//5.4e-06:86:88//B90730
- F-HEMBA1000303//Mus musculus Plenty of SH3s (POSH) mRNA, complete cds.//7.9e-111:701:86//AF030131
- 30 F-HEMBA1000304//HS_3006_A1_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=17 Row=A, genomic survey sequence.//5.2e-40:240:92//AQ118226
- F-HEMBA1000307//Mus musculus mRNA for CDV-1R protein.//7.9e-127:815:84//Y10495
- F-HEMBA1000327//HS_3124_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3124 Col=16 Row=P, genomic survey sequence.//1.4e-11:87:96//AQ187492
- 35 F-HEMBA1000333
- F-HEMBA1000338//Homo sapiens chromosome X, PAC 671D9, complete sequence.//4.0e-66:271:84//AF031078
- F-HEMBA1000351//Homo sapiens PAC clone DJ0649P17 from 7q11.23-q21, complete sequence.//0.64:334:60//AC004848
- F-HEMBA1000355//Pseudorabies virus serine/threonine kinase (ULPK) gene, partial cds and alkaline nuclease (AN) gene, complete cds.//0.017:313:63//U25056
- 40 F-HEMBA1000356//Oryctolagus cuniculus troponin T cardiac isoform mRNA, 3' end of cds.//0.87:198:61//L40178
- F-HEMBA1000357//HS_3194_A1_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3194 Col=9 Row=G, genomic survey sequence.//6.5e-90:436:98//AQ173748
- F-HEMBA1000366//HS_3027_B2_G06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3027 Col=12 Row=N, genomic survey sequence.//0.0074:192:64//AQ128843
- 45 F-HEMBA1000369//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene similar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS and a CpG island, complete sequence.//4.2e-106:133:99//AL031587
- F-HEMBA1000376//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//1.6e-22:659:63//AC006116
- 50 F-HEMBA1000387//Homo sapiens chromosome 12p13.3 clone RPC11-264F23, WORKING DRAFT SEQUENCE, 90 unordered pieces.//3.2e-06:136:75//AC006122
- F-HEMBA1000390//Homo sapiens BAC clone RG119C02 from 7p15, complete sequence.//3.5e-111:284:95//AC004520
- 55 F-HEMBA1000392//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 173D1, WORKING DRAFT SEQUENCE.//1.8e-39:332:80//AL031984
- F-HEMBA1000396//Human Xq13 3' end of PAC 92E23 containing the X inactivation transcript (XIST) gene, complete sequence.//9.5e-35:364:73//U80460

- F-HEMBA1000411//Human Xp22 contig of 3 PACS (R7-39D12, R7-134G1, R7-185L21) from the Roswell Park Cancer Institute, complete sequence.//8.1e-18:424:64//U96409
- F-HEMBA1000418//Drosophila melanogaster Oregon-R mitochondrial A+T region.//0.0026:564:59//U11584
- 5 F-HEMBA1000422//Human DNA from chromosome 19 specific cosmid R30292, genomic sequence, complete sequence.//9.2e-14:232:70//AC003112
- F-HEMBA1000428//Homo sapiens Xp22 BAC GSHB-590J6 (Genome Systems Human BAC library) complete sequence.//3.8e-37:408:69//AC004554
- F-HEMBA1000434//Caenorhabditis elegans cosmid Y48E1B, complete sequence.//0.73:454:57//Z93393
- F-HEMBA1000442
- 10 F-HEMBA1000456//RPCI11-30J5.TV RPCI-11 Homo sapiens genomic clone RPCI-11-30J5, genomic survey sequence.//6.3e-06:62:96//B85188
- F-HEMBA1000459//Mus musculus hemin-sensitive initiation factor 2 alpha kinase mRNA, complete cds.//6.8e-70:580:79//AF028808
- F-HEMBA1000460//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence.//2.8e-154:746:98//AC004839
- 15 F-HEMBA1000464//Homo sapiens, clone hRPK.15_A_1, complete sequence.//4.8e-25:397:72//AC006213
- F-HEMBA1000469//CIT-HSP-2167P21.TF CIT-HSP Homo sapiens genomic clone 2167P21, genomic survey sequence.//4.0e-83:406:99//B94160
- F-HEMBA1000488//Homo sapiens Chromosome 22q11.2 PAC Clone p_m11 In BCRL2-GGT Region, complete sequence.//4.2e-53:312:93//AC004033
- 20 F-HEMBA1000490//Campylobacter jejuni groES, groEL genes.//0.59:451:62//Y13334
- F-HEMBA1000491//Murine sarcoma virus (Harvey-strain) H-ras transforming p21 gene.//8.6e-06:338:58//X00740
- F-HEMBA1000501//Homo sapiens chromosome 17, clone hRPK.264_B_14, complete sequence.//9.4e-41:591:69//AC005884
- 25 F-HEMBA1000504//Homo sapiens mRNA for osteoblast specific factor 2 (OSF-2os).//4.0e-07:57:100//D13666
- F-HEMBA1000505
- F-HEMBA1000508//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0135005; HTGS phase 1, WORKING DRAFT SEQUENCE, 23 unordered pieces.//0.035:329:61//AC004661
- F-HEMBA1000518//Caenorhabditis elegans cosmid C17H12.//0.96:425:58//AF045642
- 30 F-HEMBA1000519//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete sequence.//1.6e-53:300:89//AC004616
- F-HEMBA1000520//Homo sapiens clone DJ0813F11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.7e-10:117:86//AC006006
- F-HEMBA1000523
- 35 F-HEMBA1000531//Mus musculus Hsp70-related NST-1 (hsr.1) mRNA, complete cds.//3.9e-35:290:80//U08215
- F-HEMBA1000534//Homo sapiens chromosome 17, clone hRPK.177_H_5, WORKING DRAFT SEQUENCE, 2 ordered pieces.//1.7e-36:328:77//AC005973
- F-HEMBA1000540//Arabidopsis thaliana DNA chromosome 4, BAC clone F7K2 (ESSAI project).//0.057:265:63//AL033545
- 40 F-HEMBA1000542//Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds.//1.2e-110:572:88//D89340
- F-HEMBA1000545//Human DNA from cosmid L27h9, Huntington's Disease Region, chromosome 4p16.3 contains CpG island.//7.5e-130:780:89//Z49237
- F-HEMBA1000555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134O19, WORKING DRAFT SEQUENCE.//3.2e-175:838:98//AL034555
- 45 F-HEMBA1000557//CIT-HSP-2369F15.TF CIT-HSP Homo sapiens genomic clone 2369F15, genomic survey sequence.//2.8e-32:315:78//AQ074611
- F-HEMBA1000561//Rattus norvegicus Olf-1/EBF associated Zn finger protein Roaz mRNA, alternatively spliced form, complete cds.//3.4e-69:665:72//U92564
- F-HEMBA1000563//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.59:261:61//AC005504
- 50 F-HEMBA1000568//HS_3243_B2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3243 Col=24 Row=B, genomic survey sequence.//3.1e-54:323:91//AQ219628
- F-HEMBA1000569//M.musculus mRNA for GPI-anchored protein.//1.4e-19:440:61//X89571
- F-HEMBA1000575//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.0016:557:57//AC005506
- 55 F-HEMBA1000588//Mus musculus FLI-LRR associated protein-1 mRNA, complete cds.//1.7e-11:132:79//AF045573
- F-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein.//7.3e-43:228:97//AJ007509

- F-HEMBA1000592//Mus musculus clone OST7314, genomic survey sequence.//7.3e-07:68:94//AF046733
 F-HEMBA1000594//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//8.7e-71:553:79//Z83822
 F-HEMBA1000604//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 237J2, WORKING
 5 DRAFT SEQUENCE.//2.9e-21:158:75//AL021394
 F-HEMBA1000608//Homo sapiens mRNA for KIAA0456 protein, partial cds.//1.1e-118:561:99//AB007925
 F-HEMBA1000622//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//2.2e-28:426:70//AC004382
 F-HEMBA1000636//Human CpG island sequence, clone Q28B8.//1.0e-15:274:68//D85773
 10 F-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds.//6.7e-137:639:99//AB014590
 F-HEMBA1000655//, complete sequence.//5.1e-83:685:80//AC005815
 F-HEMBA1000657//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//1.1e-91:597:84//U35776
 F-HEMBA1000662//Homo sapiens clone DJ0853H20, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 15 0.019:695:57//AC004907
 F-HEMBA1000673//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING
 DRAFT SEQUENCE.//1.5e-48:325:85//Z86090
 F-HEMBA1000682//Homo sapiens (subclone 5_g5 from P1 H25) DNA sequence.//7.7e-61:615:74//L43411
 F-HEMBA1000686
 20 F-HEMBA1000702
 F-HEMBA1000705//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0037:569:57//AC005507
 F-HEMBA1000719//Streptomyces coelicolor cosmid 1C2.//2.0e-09:483:62//AL031124
 F-HEMBA1000722//Toxoplasma gondii chloroplast, complete genome.//0.00058:762:57//U87145
 25 F-HEMBA1000726//H.sapiens HLA-DRB1*15 gene.//9.8e-49:189:89//X88791
 F-HEMBA1000727//CIT-HSP-387P22.TRB CIT-HSP Homo sapiens genomic clone 387P22, genomic survey sequence.//0.0054:206:67//B60158
 F-HEMBA1000747
 F-HEMBA1000749//Human DNA sequence from clone 522P13 on chromosome 6p21.31-22.3. Contains a 60S
 30 Ribosomal Protein L21 pseudogene and an HNRNP A3 (Heterogenous Nuclear Riboprotein A3, FBRNP) pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//3.3e-05:124:75//AL024509
 F-HEMBA1000752//Human Chromosome X, complete sequence.//5.9e-48:502:75//AC004073
 F-HEMBA1000769//Homo sapiens clone NH0576N21, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 0.011:179:67//AC005043
 35 F-HEMBA1000773//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y59A8, WORKING DRAFT SEQUENCE.//0.070:231:63//Z98870
 F-HEMBA1000774//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence.//6.2e-40:385:75//AC004953
 F-HEMBA1000791
 40 F-HEMBA1000817//Myrmecia pilosula HI87-135 mitochondrion cytochrome b gene, partial cds.//0.99:244:58//U15678
 F-HEMBA1000822//Human DNA sequence from PAC 179D3, between markers DXS6791 and DXS8038 on chromosome X contains S10 GTP-binding protein, ESTs and CpG island.//0.033:294:62//Z81370
 F-HEMBA1000827//Borrelia burgdorferi (section 50 of 70) of the complete genome.//9.7e-05:463:58//AE001164
 45 F-HEMBA1000843//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted CpG island, ESTs, STSs and GSSs, complete sequence.//3.0e-153:732:98//AL022394
 50 F-HEMBA1000851//Rattus norvegicus glucocorticoid modulatory element binding protein 2 mRNA, complete cds.//1.6e-31:386:72//AF059273
 F-HEMBA1000852//Homo sapiens Xp22 bins 3-5 PAC RPC14-617A9 (Roswell Park Cancer Institute Human PAC Library) containing Arylsulfatase D and E genes, complete sequence.//8.5e-115:455:98//AC005295
 F-HEMBA1000867
 55 F-HEMBA1000869//Human DNA sequence from cosmid J138O17, between markers DXS6791 and DXS8038 on chromosome X contains EST CA repeat and an endogenous retroviral like element.//6.6e-41:424:75//Z72519
 F-HEMBA1000870//Gnaptodon pumilio cytochrome oxidase II gene, partial cds; and tRNA-Asp, tRNA-His, and tRNA-Lys genes, complete sequence, mitochondrial genes for mitochondrial products.//0.0049:211:66//AF034598

- F-HEMBA1000872//CIT-HSP-2355D20.TF CIT-HSP Homo sapiens genomic clone 2355D20, genomic survey sequence.//3.7e-33:180:98//AQ059583
- F-HEMBA1000876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING DRAFT SEQUENCE.//5.6e-37:262:72//Z83826
- 5 F-HEMBA1000908//Triticum aestivum low-affinity cation transporter (LCT1) mRNA, complete cds.//1.0:304:59//AF015523
- F-HEMBA1000910//M.musculus necdin mRNA, complete cds.//6.1e-08:256:61//M80840
- F-HEMBA1000918//Tetrahymena thermophila micronuclear developmentally eliminated sequence region.//0.13:232:63//U88158
- 10 F-HEMBA1000919//Gallus domesticus filamin mRNA, complete cds.//1.0:213:65//U00147
- F-HEMBA1000934//CIT-HSP-2053H24.TR CIT-HSP Homo sapiens genomic clone 2053H24, genomic survey sequence.//5.5e-11:275:64//B69224
- F-HEMBA1000942//Homo sapiens clone DJ0754G14, WORKING DRAFT SEQUENCE, 15 unordered pieces.//9.7e-05:78:83//AC004878
- 15 F-HEMBA1000943//Homo sapiens chromosome 17, clone hRPK.640_I_15, complete sequence.//5.8e-140:661:99//AC005324
- F-HEMBA1000946
- F-HEMBA1000960//Homo sapiens clone DJ1111F22, WORKING DRAFT SEQUENCE, 12 unordered pieces.//8.3e-16:181:75//AC004967
- 20 F-HEMBA1000968//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 69M21, WORKING DRAFT SEQUENCE.//4.4e-117:398:86//AL031735
- F-HEMBA1000971//H.sapiens CpG island DNA genomic Mse1 fragment, clone 182f4, forward read cpg182f4 ft1a.//1.5e-20:126:96//Z57528
- F-HEMBA1000972//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 1/11.//0.34:642:59//AB020858
- 25 F-HEMBA1000974//Homo sapiens clone DA0091H08, complete sequence.//5.1e-183:865:98//AC004817
- F-HEMBA1000975//Orf virus homologue of retroviral pseudoprotease gene, complete cds.//0.00065:391:62//M30023
- F-HEMBA10009851//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSs, GSSs and a CA repeat polymorphism, complete sequence.//3.4e-05:243:65//Z93929
- 30 F-HEMBA1000986//Homo sapiens DNA from chromosome 19-cosmid R31491, genomic sequence.//6.6e-06:508:61//AD000813
- F-HEMBA1000991//Homo sapiens mRNA for Hrs, complete cds.//1.2e-22:193:84//D84064 F-HEMBA1001007
- 35 F-HEMBA1001008//Human DNA sequence from clone 391O22 on chromosome 6p21.2-21.31 Contains pseudogenes similar to ribosomal protein, ESTs, GSSs, complete sequence.//7.8e-46:532:73//AL031577
- F-HEMBA1001009//Human mRNA for IgM heavy chain complete sequence.//0.97:369:59//X17115
- F-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds.//4.4e-139:661:98//AB007937
- F-HEMBA1001019//Homo sapiens, clone hRPK.15_A_1, complete sequence.//1.6e-16:521:64//AC006213
- 40 F-HEMBA1001020//Homo sapiens chromosome 17, clone hRPK.178_C_3, complete sequence.//3.8e-50:367:72//AC005702
- F-HEMBA1001022
- F-HEMBA1001024//Homo sapiens T-cell receptor alpha delta locus from bases 1 to 250529 (section 1 of 5) of the Complete Nucleotide Sequence.//5.0e-23:378:69//AE000658
- 45 F-HEMBA1001026//Homo sapiens DNA sequence from PAC 435D1 on chromosome Xq25. Contains ESTs and STS.//7.6e-19:867:60//Z86064
- F-HEMBA1001043//HS_2219_B1_A10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2219 Col=19 Row=B, genomic survey sequence.//3.0e-15:124:88//AQ301521
- F-HEMBA1001051//Human Chromosome X clone bWXD342, complete sequence.//4.8e-79:308:84//AC004072
- 50 F-HEMBA1001052//Homo sapiens chromosome 17, clone hRPK.146_P_2, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.53:384:61//AC005341
- F-HEMBA1001059//Human N-acetylgalactosamine 6-sulphatase (GALNS) gene, exon 10.//2.8e-26:397:71//U06084
- F-HEMBA1001060//Homo sapiens chromosome 17, clone hRPK.855_D_21 complete sequence.//0.98:280:62//AC006079
- 55 F-HEMBA1001071//Human mRNA for pro alpha 1 (III) collagen C-terminal propeptide.//1.1e-31:181:96//X01742
- F-HEMBA1001077//nuclear protein TIF1 [mice, mRNA, 3951 nt].//3.6e-13:338:65//S78219
- F-HEMBA1001080//Streptomyces coelicolor cosmid 1A9.//0.00012:364:63//AL034446

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F-HEMBA1001085//Human Chromosome 15q26.1 PAC clone pDJ290i21 containing fur, fes, and alpha mannosidase IIx genes, WORKING DRAFT SEQUENCE, 9 unordered pieces.//8.5e-134:476:96//AC004586

F-HEMBA1001088//Sequence 1 from patent US 5552529.//2.2e-71:303:78//I25863

F-HEMBA1001094//Homo sapiens clone RG491N20, complete sequence.//8.9e-119:609:96//AC005105

5 F-HEMBA1001099

F-HEMBA1001109//Homo sapiens BAC clone RG318M05 from 7q22-q31.1, complete sequence.//2.4e-58:347:87//AC005250

F-HEMBA1001121//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 90G24, WORKING DRAFT SEQUENCE.//3.4e-21:226:65//AL008723

10 F-HEMBA1001122//Plasmodium falciparum chromosome 2, section 20 of 73 of the complete sequence.//9.2e-07:732:57//AE001383

F-HEMBA1001123//Homo sapiens full-length insert cDNA clone ZD38E12.//1.1e-11:231:68//AF086247

F-HEMBA1001133//Homo sapiens clone DJ0856024, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.011:163:69//AC004909

15 F-HEMBA1001137//Homo sapiens mRNA for KIAA0798 protein, complete cds.//6.9e-72:527:77//AB018341

F-HEMBA1001140//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.3e-120:578:98//AC005077

F-HEMBA1001172//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.010:520:59//AC005507

20 F-HEMBA1001174//R.norvegicus (Sprague Dawley) ARL5 mRNA for ARF-like protein 5.//1.0e-59:565:73//X78604

F-HEMBA1001197//Homo sapiens clone 82F9, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.0037:151:70//AC004815

F-HEMBA1001208//Human BAC clone RG264L19 from 7p15-p21, complete sequence.//7.4e-35:195:81//AC002410

25 F-HEMBA1001213//Homo sapiens clone DJ0892G19, complete sequence.//1.9e-171:826:98//AC004917

F-HEMBA1001226//Homo sapiens clone DJ0850101, WORKING DRAFT SEQUENCE, 1 unordered pieces.//0.00010:557:57//AC006009

F-HEMBA1001235//Homo sapiens chromosome 17, clone hRPK.601_N_13, complete sequence.//0.0086:372:58//AC005389

30 F-HEMBA1001247//H.sapiens CpG island DNA genomic MseI fragment, clone 11b11, reverse read cpg11b11.r1a.//2.0e-24:154:93//Z64441

F-HEMBA1001257//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.9e-88:659:81//AF047020

F-HEMBA1001265//Human 18S ribosomal RNA.//1.0e-32:180:97//X03205

35 F-HEMBA1001281

F-HEMBA1001286//B.taurus mRNA for RF-36-DNA-binding protein.//7.7e-26:236:81//X15543

F-HEMBA1001289//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12, complete sequence.//5.5e-28:530:64//AC004131

F-HEMBA1001294//Yeast mitochondrial aapl gene for ATPase subunit 8.//2.8e-15:722:60//X00960

40 F-HEMBA1001299//Human DNA sequence from clone 422G23 on chromosome 6q24 Contains EST, STS, GSS, CpG island, complete sequence.//4.2e-24:288:76//AL031003

F-HEMBA1001302//cDNA encoding a human homologue of a mouse novel polypeptide derived from stromal cell.//7.2e-121:439:96//E12260

F-HEMBA1001303//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.011:637:56//AC005505

45 F-HEMBA1001310//HS_3252_B2_B12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3252 Col=24 Row=D, genomic survey sequence.//1.2e-16:166:82//AQ217054

F-HEMBA1001319//CIT-HSP-2034J6.TF CIT-HSP Homo sapiens genomic clone 2034J6, genomic survey sequence.//0.33:256:59//B79408

50 F-HEMBA1001323//Homo sapiens proto-oncogene (Wnt-5a) mRNA, complete cds.//7.8e-30:165:99//L20861

F-HEMBA1001326//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs(BAC end sequences) and a CA repeat polymorphism, complete sequence.//5.4e-19:347:68//AL021368

55 F-HEMBA1001327//CIT-HSP-2354E10.TR CIT-HSP Homo sapiens genomic clone 2354E10, genomic survey sequence.//0.012:152:65//AQ075713

F-HEMBA1001330//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, com-

plete sequence.//0.0037:254:62//AL010208
F-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds.//1.1e-103:516:97//AF057358
5 F-HEMBA1001361//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//1.7e-150:706:99//AC006241
F-HEMBA1001375//Streptomyces coelicolor cosmid 1E6.//1.0:375:59//AL033505
F-HEMBA1001377//HS_3020_B1_D12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3020 Col=23 Row=H, genomic survey sequence.//0.00022:63:77//AQ105297
10 F-HEMBA1001383//Plasmodium falciparum chromosome 2, section 68 of 73 of the complete sequence.//0.00035:317:60//AE001431
F-HEMBA1001387//HS_3039_B1_D01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3039 Col=1 Row=H, genomic survey sequence.//5.0e-90:437:98//AQ155035
F-HEMBA1001388//Homo sapiens clone RG189J21, WORKING DRAFT SEQUENCE, 15 unordered pieces.//4.2e-47:159:89//AC005073
15 F-HEMBA1001391//Human DNA sequence from clone 409O10 on chromosome 20q12 Contains CA repeat, GSS, STS, complete sequence.//2.0e-06:495:60//AL031256
F-HEMBA1001398//H.sapiens CpG island DNA genomic Mse1 fragment, clone 70d11, forward read cpg70d11.ft1b.//0.018:46:97//Z62591
20 F-HEMBA1001405//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING DRAFT SEQUENCE.//2.3e-74:623:71//AL034380
F-HEMBA1001407//Mus musculus domesticus Torino (Sry) gene, complete cds.//0.36:363:57//U03645
F-HEMBA1001411//Homo sapiens genomic DNA, 21q region, clone: S39BG29, genomic survey sequence.//8.4e-12:516:60//AG001050
F-HEMBA1001413
25 F-HEMBA1001415//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//0.98:177:64//AL031732
F-HEMBA1001432//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//8.0e-177:859:97//AC006146
F-HEMBA1001433//Homo sapiens clone DJ0892G19, complete sequence.//2.0e-35:376:64//AC004917
30 F-HEMBA1001435//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//1.2e-74:284:84//AC005670
F-HEMBA1001442//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-66, complete sequence.//0.056:194:63//AL010138
F-HEMBA1001446//Homo sapiens chromosome 4 clone B150J4 map 4q25, complete sequence.//0.96:328:61//AC004047
35 F-HEMBA1001450
F-HEMBA1001454//Human DNA sequence from clone 598A24 on chromosome Xp11.1-11.23 Contains zinc finger X-linked proteins ZXDA, ZXDB, ESTs and STS, complete sequence.//2.0e-47:468:73//AL031115
F-HEMBA1001455//CIT978SK-32J2.TV CIT978SK Homo sapiens genomic clone 32J2, genomic survey sequence.//1.5e-05:223:65//B78859
40 F-HEMBA1001463//cSRL-69d1-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-69d1, genomic survey sequence.//5.1e-66:564:77//B05652
F-HEMBA1001476//Homo sapiens mRNA for KIAA0572 protein, partial cds.//1.9e-102:489:99//AB011144
F-HEMBA1001478//HS_2228_A2_B03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=6 Row=C, genomic survey sequence.//4.5e-40:275:88//AQ032041
45 F-HEMBA1001497//Human DNA sequence from clone 281H8 on chromosome 6q25.1-25.3. Contains up to four novel genes, one with similarity to KIAA0323 and worm C30F12.1 and another with Ubiquitin-Like protein gene SMT3 (the latter in an intron of a novel gene). Contains ESTs, STSs, GSSs, a putative CpG island and genomic marker D6S1553, complete sequence.//7.7e-47:311:85//AL031133
50 F-HEMBA1001510//Human HLA class III region containing cAMP response element binding protein-related protein (CREB-RP) and tenascin X (tenascin-X) genes, complete cds, complete sequence.//2.0e-130:699:93//U89337
F-HEMBA1001515//Homo sapiens chromosome 19, cosmid F24866, complete sequence.//4.1e-114:711:85//AC005794
F-HEMBA1001517//Homo sapiens BAC clone RG459N13 from 7p15, complete sequence.//5.7e-162:769:98//AC004549
55 F-HEMBA1001522//Caenorhabditis elegans cosmid ZK328.//8.6e-17:498:61//U50193
F-HEMBA1001526//Human DNA sequence from cosmid 444G9 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3 Contains ESTs and CpG islands.//0.31:120:69//Z98258

F-HEMBA1001533
 F-HEMBA1001557//Chionoecetes opilio (clone COP41) DNA microsatellite repeat regions.//7.0e-25:303:72//L49136
 F-HEMBA1001566//Homo sapiens DNA sequence from PAC 127D3 on chromosome 1q23-25. Contains FMO2 and FMO3 genes for Flavin-containing Monooxygenase 2 and Flavin-containing Monooxygenase 3 (Dimethyl-aniline Monooxygenase (N-Oxide 3, EC1.14.13.8, Dimethylaniline Oxidase 3, FMO II, FMO 3), and a gene for another, unknown, Flavin-containing Monooxygenase family protein. Contains ESTs and GSSs, complete sequence.//7.2e-18:805:60//AL021026
 F-HEMBA1001569//Homo sapiens mRNA for vesicle associated membrane protein 2 (VAMP2).//1.1e-64:338:95//AJ225044
 F-HEMBA1001570//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//2.1e-148:698:99//AC004453
 F-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//2.2e-173:678:99//AJ012449
 F-HEMBA1001581//Homo sapiens clone DJ1158B01, WORKING DRAFT SEQUENCE, 23 unordered pieces.//0.30:484:59//AC004980
 F-HEMBA1001585
 F-HEMBA1001589//Human BAC clone RG317G18 from 7q31, complete sequence.//0.98:197:63//AC002432
 F-HEMBA1001595//Human mRNA for KIAA0128 gene, partial cds.//8.2e-109:855:78//D50918
 F-HEMBA1001608//RPCI11-72E2.TJ RPCI11 Homo sapiens genomic clone R-72E2, genomic survey sequence.//3.8e-05:235:64//AQ267131
 F-HEMBA1001620//Oryza sativa RINO1 mRNA for myo-inositol phosphate synthase, complete cds.//3.8e-40:719:64//AB012107
 F-HEMBA1001635//HS_3208_A1_D07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3208 Col=13 Row=G, genomic survey sequence.//1.4e-15:120:90//AQ176944
 F-HEMBA1001636//Homo sapiens 12q24 PAC RPCI1-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//0.15:221:64//AC004216
 F-HEMBA1001640//HS_3253_B2_D03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3253 Col=6 Row=H, genomic survey sequence.//9.1e-52:278:95//AQ216058
 F-HEMBA1001647//H.sapiens gene for plectin.//0.00052:629:61//Z54367
 F-HEMBA1001651//Salmo salar DNA for a cryptic repeat.//7.9e-08:270:64//AJ012206
 F-HEMBA1001655//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//5.9e-164:802:97//AC005368
 F-HEMBA1001658//M.musculus COL3A1 gene for collagen alpha-I.//2.4e-30:742:62//X52046
 F-HEMBA1001661//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//2.2e-144:682:99//AC005740
 F-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds.//6.1e-152:725:98//AF072247
 F-HEMBA1001675//RPCI11-54F8.TV RPCI11 Homo sapiens genomic clone R-54F8, genomic survey sequence.//5.3e-75:341:85//AQ082126
 F-HEMBA1001678//Homo sapiens Xp22 PAC RPCI1-167A22 (from Roswell Park Cancer Center) complete sequence.//8.4e-54:551:74//AC002349
 F-HEMBA1001681
 F-HEMBA1001702//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//0.94:676:54//AE001398
 F-HEMBA1001709//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING DRAFT SEQUENCE.//0.74:659:58//AL033531
 F-HEMBA1001711//Lysiphlebus melandriicola NADH dehydrogenase 1 gene, mitochondrial gene encoding mitochondrial protein, partial cds.//3.0e-07:413:60//AF069178
 F-HEMBA1001712//Homo sapiens BAC clone RG041H04 from 7q21-q22, complete sequence.//0.091:315:61//AC004519
 F-HEMBA1001714//Rattus norvegicus mitochondrial ATPase inhibitor gene, complete cds.//1.6e-28:218:75//U12250
 F-HEMBA1001718//HS_3056_A2_H08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3056 Col=16 Row=O, genomic survey sequence.//2.0e-79:383:99//AQ106367
 F-HEMBA1001723//HS_2188_A2_D02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2188 Col=4 Row=G, genomic survey sequence.//3.8e-28:174:94//AQ116793
 F-HEMBA1001731//HS_3021_A1_A11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3021 Col=21 Row=A, genomic survey sequence.//2.5e-11:420:62//AQ154658

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F-HEMBA1001734//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//0.00060:392:60//AC004617

F-HEMBA1001744//HS_3194_A1_D05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3194 Col=9 Row=G, genomic survey sequence.//5.8e-29:163:97//AQ252295

5 F-HEMBA1001745//Homo sapiens chromosome 9q34, clone 280C11, complete sequence.//0.66:627:59//AC002102

F-HEMBA1001746//HS_2163_B1_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2163 Col=7 Row=L, genomic survey sequence.//1.4e-16:238:70//AQ085995

F-HEMBA1001761//Genomic sequence from Mouse 9, complete sequence.//3.5e-52:198:86//AC002109

10 F-HEMBA1001781

F-HEMBA1001784//Genomic sequence from Human 9q34, WORKING DRAFT SEQUENCE, 2 unordered-pieces.//5.5e-13:296:65//AC002099

F-HEMBA1001791//Homo sapiens DNA from chromosome 19-cosmids R31158, R31874, and R28125, genomic sequence, complete sequence.//0.18:534:59//AF038458

15 F-HEMBA1001800//CrT-HFP-2049N5.TF CIT-HSP Homo sapiens genomic clone 2049N5, genomic survey sequence.//2.2e-40:335:80//AQ009222

F-HEMBA1001803//M.musculus (Ba1b/C) P/L01 mRNA.//1.7e-25:286:74//Z31360

F-HEMBA1001804//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//1.9e-58:358:89//M21977

F-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500.//7.8e-174:809:98//

20 AB007969

F-HEMBA1001809//Bovine herpesvirus 1 complete genome.//9.0e-09:639:57//AJ004801

F-HEMBA1001815

F-HEMBA1001819//HS_3079_B1_E04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3079 Col=7 Row=J, genomic survey sequence.//1.4e-79:396:97//AQ186616

25 F-HEMBA1001820//Homo sapiens BAC clone GS165L15 from 7p15, complete sequence.//0.00026:436:60//AC005013

F-HEMBA1001822//Homo sapiens intersectin short form mRNA, complete cds.//1.2e-40:510:65//AF064243

F-HEMBA1001824//Homo sapiens expanded SCA7 CAG repeat.//6.1e-20:344:68//AF020275

F-HEMBA1001835//Homo sapiens BAC clone RG017K18 from 7q31, complete sequence.//0.0094:553:58//

30 AC005161

F-HEMBA1001844//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SEQUENCE, 35 unordered pieces.//1.2e-22:316:70//AC005867

F-HEMBA1001847//M.musculus Zfp-29 gene for zinc finger protein.//5.3e-27:397:69//X55126

F-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds.//8.8e-184:865:98//AB014517

35 F-HEMBA1001864//Arabidopsis thaliana chromosome II BAC F17H15 genomic sequence, complete sequence.//0.38:337:62//AC005395

F-HEMBA1001866//Caenorhabditis elegans cosmid F48E3.//1.4e-10:224:63//U28735

F-HEMBA1001869//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//6.7e-98:288:91//AC005065

40 F-HEMBA1001888//Human Chromosome 11p15.5 PAC clone pDJ915f1 containing KvLQT1 gene, complete sequence.//4.9e-114:476:84//AC003693

F-HEMBA1001896//Bos taurus pyruvate dehydrogenase phosphatase regulatory subunit precursor, mRNA, complete cds.//2.2e-137:839:86//AF026954

F-HEMBA1001910//Homo sapiens Chromosome 2p13 BAC Clone h173, complete sequence.//0.90:221:63//

45 AC003065

F-HEMBA1001912//HS_2237_A1_C10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=19 Row=E, genomic survey sequence.//9.7e-76:364:100//AQ033732

F-HEMBA1001913//Leishmania major chromosome 3 clone L4625 strain Friedlin, WORKING DRAFT SEQUENCE, 6 unordered pieces.//0.00063:219:65//AC005766

50 F-HEMBA1001915//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer , segment 5/10.//0.00011:366:63//AB020873

F-HEMBA1001918//Pneumocystis carinii gene for major surface glycoprotein MSG105, exon1-2, complete cds.//0.00024:562:58//D82031

F-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds.//2.1e-184:

55 855:99//AF000145

F-HEMBA1001939//Human DNA sequence from clone 395P12 on chromosome 1q24-25. Contains the TXGP1 gene for tax-transcriptionally activated glycoprotein 1 (34kD) (OX40 ligand, OX40L) and a GOT2 (Aspartate Aminotransferase, mitochondrial precursor, EC 2.6.1.1, Transaminase A, Glutamate Oxaloacetate Transaminase-2)

pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//1.1e-42:380:80//AL022310
 F-HEMBA1001940//Homo sapiens clone DJ1093116, WORKING DRAFT SEQUENCE, 5 unordered pieces.//7.5e-175:861:97//AC005629
 F-HEMBA1001942//Homo sapiens chromosome 12p13.3 clone RPC11-96H9, WORKING DRAFT SEQUENCE,
 5 66 unordered pieces.//0.097:107:71//AC006057
 F-HEMBA1001945//Drosophila F family transposable element F12 3' region.//0.94:140:65//X01934
 F-HEMBA1001950//H.sapiens CpG island DNA genomic Mse1 fragment, clone 15b5, forward read cpg15b5.ft1q.//1.4e-27:168:95//Z54728
 F-HEMBA1001960//Locusta migratoria mRNA for nAChR alpha1 subunit.//0.010:108:71//AJ000390
 10 F-HEMBA1001962//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//9.7e-05:494:60//AC005507
 F-HEMBA1001964
 F-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains
 15 a putative CpG island, ESTs and GSSs, complete sequence.//9.6e-122:373:99//AL031178
 F-HEMBA1001979//HS_3067_B1_A06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3067 Col=11 Row=B, genomic survey sequence.//0.43:193:64//AQ143506
 F-HEMBA1001987//Plasmodium falciparum MAL3P6, complete sequence.//1.0:428:56//Z98551
 F-HEMBA1001991//HS_2237_A2_G09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=18 Row=M, genomic survey sequence.//4.3e-05:240:64//AQ067283
 20 F-HEMBA1002003//protein phosphatase 2C isoform [rats, liver, mRNA, 1950 nt].//2.7e-33:364:74//S90449
 F-HEMBA1002008//WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00032:214:68//AC005948
 F-HEMBA1002018
 F-HEMBA1002027//Human p37NB mRNA, complete cds.//0.014:58:96//U32907
 25 F-HEMBA1002035//Mouse transcriptional control element.//7.8e-07:200:69//M17284
 F-HEMBA1002039//Human DNA sequence from clone 267M20 on chromosome Xq22.2-22.3. Contains part of the DIAPH2 gene and a pseudogene, ESTs, STSs and GSSs, complete sequence.//0.31:497:58//AL031053
 F-HEMBA1002049//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//4.5e-42:532:63//AC005216
 30 F-HEMBA1002084//Homo sapiens chromosome 19 cosmid F15386, genomic sequence, complete sequence.//0.81:435:59//AF025422
 F-HEMBA1002092//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//7.2e-130:769:87//U92703
 F-HEMBA1002100//Homo sapiens PAC clone DJ0991G20, complete sequence.//1.3e-47:124:96//AC004943
 35 F-HEMBA1002102//Xenopus laevis mRNA for xSox7 protein, complete cds.//2.7e-13:132:71//D83649
 F-HEMBA1002113//F.rubripes GSS sequence, clone 063K10bB4, genomic survey sequence.//0.029:142:66//Z88840
 F-HEMBA1002119//Human Chromosome 11 pac pDJ1173a5, complete sequence.//1.3e-14:515:62//AC000378
 F-HEMBA1002125//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds.//0.98:222:61//AF031815
 40 F-HEMBA1002139//Caenorhabditis elegans cosmid F55C9, complete sequence.//0.0081:371:60//Z81549
 F-HEMBA1002144//Saccharomyces cerevisiae mitochondrion transfer RNA-Met (tRNA-Met) gene, oxil gene, and ORF1.//4.9e-06:341:61//L36888
 F-HEMBA1002150//Homo sapiens mRNA for KIAA0720 protein, partial cds.//0.00017:353:62//AB018263
 45 F-HEMBA1002151
 F-HEMBA1002153//CITBI-E1-2519120.TR CITBI-E1 Homo sapiens genomic clone 2519120, genomic survey sequence.//8.5e-61:334:94//AQ277613
 F-HEMBA1002160//Homo sapiens clone DJ1189D06, complete sequence.//8.5e-44:385:77//AC005232
 F-HEMBA1002161//Coturnix coturnix slow myosin heavy chain 2 (qmyhc2) mRNA, partial cds.//2.1e-59:571:74//AF006829
 50 F-HEMBA1002162//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//5.3e-53:698:67//AC006210
 F-HEMBA1002166//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//1.2e-50:319:78//AL008712
 55 F-HEMBA1002177//Homo sapiens BAC clone RG293F11 from 7q21-7q22, complete sequence.//2.5e-18:150:88//AC000066
 F-HEMBA1002185//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.00066:466:59//AC004825

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F-HEMBA1002189//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.3e-23:176:77//AC005015

F-HEMBA1002191//Homo sapiens mRNA for KIAA0689 protein, partial cds.//1.0:382:59//AB014589

F-HEMBA1002199//Homo sapiens chromosome 4 clone B55B24 map 4q25, complete sequence.//1.8e-20:368:66//AC005150

5 F-HEMBA1002204//HS_2055_A1_H09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=17 Row=O, genomic survey sequence.//1.2e-06:178:65//AQ235350

F-HEMBA1002212//S.cerevisiae chromosome IV reading frame ORF YDL101c.//0.035:345:60//Z74149

F-HEMBA1002215//M.musculus mRNA for testin.//4.6e-80:504:87//X78989

10 F-HEMBA1002226//Homo sapiens Xp22 bins 87-93 PAC RPC11-122K4 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//5.7e-63:336:74//AC003035

F-HEMBA1002229//Homo sapiens BAC clone NH0539B24 from 7p15.1-p14, complete sequence.//2.6e-39:311:81//AC006044

F-HEMBA1002237//Homo sapiens PAC clone DJ0696N01 from 7p21-p22, complete sequence.//1.6e-12:397:64//AC004861

15 F-HEMBA1002241

F-HEMBA1002253

F-HEMBA1002257//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds.//3.5e-151:731:97//AF061936

20 F-HEMBA1002265//Human DNA sequence from cosmid N28H9 on chromosome 22q11.2-qter contains ESTs, STS and endogenous retrovirus.//1.3e-09:313:62//Z71183

F-HEMBA1002267

F-HEMBA1002270//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//0.069:495:58//AC006210

25 F-HEMBA1002321//Homo sapiens PAC clone DJ0991O23, complete sequence.//0.019:564:58//AC004944

F-HEMBA1002328//CIT-HSP-2387N15.TF.1 CIT-HSP Homo sapiens genomic clone 2387N15, genomic survey sequence.//1.8e-71:346:99//AQ240836

F-HEMBA1002337//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MYN8, complete sequence.//0.84:547:57//AB020754

30 F-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds.//2.4e-185:872:98//AB018314

F-HEMBA1002348//CIT-HSP-2372K24.TR CIT-HSP Homo sapiens genomic clone 2372K24, genomic survey sequence.//9.1e-33:230:75//AQ110676

F-HEMBA1002349//Plasmodium falciparum histidine-rich protein II (HRP II) gene, complete cds.//9.4e-06:504:57//U69551

35 F-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//7.3e-188:872:99//AF092563

F-HEMBA1002381//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 11/11.//2.1e-20:262:72//AB020868

F-HEMBA1002389//D.discoideum spore coat 60 (sp60) gene, 5' flank.//0.010:95:73//M34546

40 F-HEMBA1002417//Canis familiaris ZO-3 (zo-3) mRNA, complete cds.//6.2e-120:767:85//AF023617

F-HEMBA1002419//HS-1047-A1-F01-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 830 Col=1 Row=K, genomic survey sequence.//7.6e-06:111:76//B38165

F-HEMBA1002430//HS_3137_B2_F10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3137 Col=20 Row=L, genomic survey sequence.//1.6e-56:367:88//AQ148697

45 F-HEMBA1002439//Dictyostelium discoideum actin 8 gene, 3' UTR.//0.67:129:64//M25216

F-HEMBA1002458//Mus musculus REX-3 mRNA, complete cds.//1.1e-30:274:72//AF051347

F-HEMBA1002460//Homo sapiens clone DJ1137M13, complete sequence.//4.0e-173:822:98//AC005378

F-HEMBA1002462//Sequence 41 from patent US 5708157.//9.8e-51:519:73//I80067

F-HEMBA1002469//Human mRNA for KIAA0122 gene, partial cds.//4.0e-108:603:92//D50912

50 F-HEMBA1002475//Streptomyces coelicolor cosmid 2H4.//0.0068:626:57//AL031514

F-HEMBA1002477//Homo sapiens BAC clone NH0342K06 from 2, complete sequence.//1.5e-40:349:78//AC005034

F-HEMBA1002486

F-HEMBA1002495//HS_3218_B1_A12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=23 Row=B, genomic survey sequence.//1.0:179:67//AQ181410

55 F-HEMBA1002498//Homo sapiens full-length insert cDNA clone ZD76B01.//1.4e-129:619:98//AF086404

F-HEMBA1002503//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.9e-24:306:68//AC004873

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F-HEMBA1002508//Homo sapiens chromosome 19, cosmid R33516, complete sequence.//2.9e-76:464:83//AC004799

F-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//2.8e-157:738:98//AJ011972

5 F-HEMBA1002515//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 407F11, WORKING DRAFT SEQUENCE.//2.6e-07:307:64//AL022329

F-HEMBA1002538//HS_2185_B2_B04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2185 Col=8 Row=D, genomic survey sequence.//4.7e-37:339:78//AQ298315

10 F-HEMBA1002542//HS_3197_B2_B10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3197 Col=20 Row=D, genomic survey sequence.//3.2e-70:372:95//AQ188792

F-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds.//3.5e-137:655:98//AF016903

F-HEMBA1002552//Human Hep27 protein mRNA, complete cds.//8.8e-07:173:68//U31875

F-HEMBA1002555//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0190L06; HTGS phase 1, WORKING DRAFT SEQUENCE, 21 unordered pieces.//2.2e-15:628:60//AC004670

15 F-HEMBA1002558//Human Xp22 BAC CT-285115 (from CalTech/Research Genetics), PAC RPCI1-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//2.3e-41:353:76//AC002366

F-HEMBA1002561//Homo sapiens chromosome 17, clone HRPC29G21, complete sequence.//1.1e-39:538:66//AC003687

20 F-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds.//1.3e-140:457:99//AF075587

F-HEMBA1002583//CIT-HSP-2321D3.TR CIT-HSP Homo sapiens genomic clone 2321D3, genomic survey sequence.//5.1e-79:385:99//AQ038102

F-HEMBA1002590//Homo sapiens chromosome 17, clone hRPK.167_N_20, complete sequence.//1.9e-35:430:70//AC005940

25 F-HEMBA1002592//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//4Ae-19:303:71//Z93403

F-HEMBA1002609//Homo sapiens mRNA for KIAA0597 protein, partial cds.//4.4e-175:820:99//AB011169

F-HEMBA1002621//Homo sapiens PAC clone DJ0650P09 from 7q21, complete sequence.//0.14:353:58//AC004413

30 F-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds.//2.9e-187:632:97//AB018351

F-HEMBA1002628//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.5e-05:792:58//AC004153

F-HEMBA1002629//Streptomyces coelicolor cosmid 1A9.//8.4e-08:576:58//AL034446

35 F-HEMBA1002645//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORKING DRAFT SEQUENCE.//5.6e-47:222:86//AL031118

F-HEMBA1002651//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence.//3.8e-182:859:99//AC004839

F-HEMBA1002659//Z.mobilis alcohol dehydrogenase I (adhA) gene, complete cds.//0.97:144:66//M32100

40 F-HEMBA1002661//Homo sapiens PAC clone DJ0698G21 from 7p21-p22, complete sequence.//1.3e-116:774:84//AC004535

F-HEMBA1002666

F-HEMBA1002678//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1137F22, WORKING DRAFT SEQUENCE.//5.7e-156:750:98//AL034421

45 F-HEMBA1002679//nxbx0002cC12r CUGI Rice BAC Library Oryza sativa genomic clone nxbx0002F23r, genomic survey sequence.//4.3e-09:517:58//AQ051621

F-HEMBA1002688//Herpes simplex virus type 2 (strain HG52), complete genome.//8.3e-20:651:61//Z86099

F-HEMBA1002696//Mus musculus proteasome regulator PA28 beta subunit gene, complete cds.//7.6e-62:306:81//AF060195

50 F-HEMBA1002703//Homo sapiens mRNA for KIAA0455 protein, complete cds.//1.9e-10:327:62//AB007924

F-HEMBA1002712

F-HEMBA1002716//HS_3064_A1_C10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=19 Row=E, genomic survey sequence.//8.4e-97:491:96//AQ142980

F-HEMBA1002728//Homo sapiens chromosome 5, BAC clone 205e20 (LBNL H170), complete sequence.//6.1e-21:217:77//AC004782

55 F-HEMBA1002730//Human platelet glycoprotein IIIa (GPIIIa) gene, exon 1.//0.57:125:67//M57481

F-HEMBA1002742//RPCI11-39J10.TP RPCI-11 Homo sapiens genomic clone RPCI-11-39J10, genomic survey sequence.//1.1e-86:414:99//AQ029102

F-HEMBA1002746//Mus musculus chromosome 19, clone CIT282B21, complete sequence.//7.1e-70:303:82//AC003694
 F-HEMBA1002748//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//0.096:212:62//AL031732
 5 F-HEMBA1002750//Homo sapiens chromosome 5, PAC clone 170m10 (LBNL H89), complete sequence.//6.7e-40:232:70//AC004622
 F-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds.//9.0e-177:834:98//AB011126
 F-HEMBA1002770//cDNA encoding novel rat protein TIP120 which is formed of complex with TBP (TATA binding protein).//1.3e-140:840:88//E12829
 10 F-HEMBA1002777//F.rubripes GSS sequence, clone 189C06dB12, genomic survey sequence.//1.1e-28:263:77//AL007965
 F-HEMBA1002779//CIT-HSP-2333I1.TF CIT-HSP Homo sapiens genomic clone 2333I1, genomic survey sequence.//1.8e-32:180:98//AQ036891
 F-HEMBA1002780//Homo sapiens PAC clone DJ0244J05 from 5q31, complete sequence.//7.0e-06:199:67//AC004592
 15 F-HEMBA1002794//H.sapiens mRNA for protein kinase C mu.//0.00015:244:67//X75756
 F-HEMBA1002801//Plasmodium falciparum MAL3P2, complete sequence.//0.0010:534:57//AL034558
 F-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds.//1.1e-167:820:97//AF071185
 F-HEMBA1002816//Homo sapiens clone NH0576N21, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.1e-113:254:90//AC005043
 20 F-HEMBA1002818//Cricetulus griseus H411 precursor (H411) mRNA, complete cds.//1.2e-122:760:86//AF046870
 F-HEMBA1002826//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//0.0055:235:65//AL022153
 F-HEMBA1002833//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//1.4e-170:744:99//AC004707
 25 F-HEMBA1002850//Ephedrus persicae NADH dehydrogenase 1 gene, mitochondrial gene encoding mitochondrial protein, partial cds.//1.3e-05:334:59//AF069186
 F-HEMBA1002863//CIT-HSP-2323A16.TF CIT-HSP Homo sapiens genomic clone 2323A16, genomic survey sequence.//2.9e-140:750:93//AQ028419
 30 F-HEMBA1002876//HS_2270_B1_H03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=5 Row=P, genomic survey sequence.//0.44:163:64//AQ164031
 F-HEMBA1002886
 F-HEMBA1002896//Homo sapiens chromosome 5, P1 clone 793C5 (LBNL H58), complete sequence.//0.00015:277:61//AC005195
 35 F-HEMBA1002921
 F-HEMBA1002924//CIT-HSP-2171H4.TR CIT-HSP Homo sapiens genomic clone 2171H4, genomic survey sequence.//0.0016:175:66//B89715
 F-HEMBA1002934//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//1.2e-169:797:98//AL031681
 40 F-HEMBA1002935//Homo sapiens mRNA for KIAA0576 protein, partial cds.//4.9e-173:803:99//AB011148
 F-HEMBA1002937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING DRAFT SEQUENCE.//1.2e-163:411:99//AL033531
 F-HEMBA1002939//RPCI11-74O14.TJ RPCI11 Homo sapiens genomic clone R-74O14, genomic survey sequence.//1.7e-41:215:99//AQ266676
 45 F-HEMBA1002944//RPCI11-55C2.TV RPCI11 Homo sapiens genomic clone R-55C2, genomic survey sequence.//1.7e-37:375:74//AQ082240
 F-HEMBA1002951//Homo sapiens chromosome 19, cosmid F20887, complete sequence.//0.00074:683:58//AC005578
 F-HEMBA1002954//RPCI11-79F7.TV RPCI11 Homo sapiens genomic clone R-79F7, genomic survey sequence.//6.1e-24:250:78//AQ284146
 50 F-HEMBA1002968//HS_2262_B2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2262 Col=8 Row=N, genomic survey sequence.//0.99:270:60//AQ217059
 F-HEMBA1002970//RPCI11-5L24.TV RPCI11 Homo sapiens genomic clone RPCI11-5L24, genomic survey sequence.//1.4e-10:189:71//B49289
 55 F-HEMBA1002971//CIT-HSP-2363L16.TF CIT-HSP Homo sapiens genomic clone 2363L16, genomic survey sequence.//4.3e-21:181:80//AQ080538
 F-HEMBA1002973//Rattus norvegicus Wistar 3',5'-cyclic AMP phosphodiesterase (PDE4-10) gene, exon 10.//2.5e-40:257:89//U01290

- F-HEMBA1002997//CIT-HSP-2387H15.TF.1 CIT-HSP Homo sapiens genomic clone 2387H15, genomic survey sequence.//9.5e-17:128:92//AQ240797
- F-HEMBA1002999//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//3.1e-62:713:73//U20286
- 5 F-HEMBA1003021//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.5e-50:331:85//AC005484
- F-HEMBA1003033//Drosophila melanogaster, chromosome 3L, region 62A10-62B5, P1 clones DS02777, DS03222, DS02345, and DS04808, complete sequence.//2.6e-20:357:66//AC005557
- 10 F-HEMBA1003034//Human DNA sequence from 4PTTEL, Huntington's Disease Region, chromosome 4p16.3.//4.5e-60:415:73//Z95704
- F-HEMBA1003035//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//2.3e-05:591:57//AC004617
- F-HEMBA1003037//RPCI11-88F2.TJ RPCI11 Homo sapiens genomic clone R-88F2, genomic survey sequence.//0.68:230:60//AQ286677
- 15 F-HEMBA1003041//Homo sapiens PAC clone DJ1163J12 from 7q21.2-q31.1, complete sequence.//8.1e-128:550:94//AC004983
- F-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds.//1.0e-164:777:98//AF054182
- 20 F-HEMBA1003064//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.5e-07:744:59//AC005505
- F-HEMBA1003067//Rat dynorphin gene, exon 3.//1.0:140:63//M32783
- F-HEMBA1003071//Homo sapiens alpha2-C4-adrenergic receptor gene, complete cds.//1.5e-20:595:65//U72648
- F-HEMBA1003077//CIT-HSP-2366J21.TF CIT-HSP Homo sapiens genomic clone 2366J21, genomic survey sequence.//4.4e-33:176:99//AQ080257
- 25 F-HEMBA1003078//Homo sapiens DNA sequence from PAC 262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuronectin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//9.4e-43:478:70//Z99297
- 30 F-HEMBA1003079//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//0.96:57:85//AC004673
- F-HEMBA1003083//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//8.0e-74:359:81//AC004548
- F-HEMBA1003086//Homo sapiens chromosome 16 BAC clone CIT987SK-334D11 complete sequence.//3.6e-11:734:58//AF001550
- 35 F-HEMBA1003096//Sequence 4 from patent US 5440017.//5.7e-56:594:71//I13750
- F-HEMBA1003098//Human DNA sequence from cosmid SRL11M20, chromosome region 11p13. Contains EST and STS.//1.9e-09:230:69//Z83308
- F-HEMBA1003117//Mouse TIS11 primary response gene, complete cds.//0.00054:480:60//M58564
- 40 F-HEMBA1003129//HS_3139_B2_F05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3139 Col=10 Row=L, genomic survey sequence.//2.3e-100:510:97//AQ187635
- F-HEMBA1003133//Mouse BAC CitbCJ7 219m7, genomic sequence, complete sequence.//1.3e-78:370:90//AC005259
- F-HEMBA1003136
- 45 F-HEMBA1003142//Homo sapiens full-length insert cDNA clone ZC39B06.//6.9e-121:563:100//AF086197
- F-HEMBA1003148//Homo sapiens mRNA for dachshund protein.//6.7e-183:850:99//AJ005670
- F-HEMBA1003166//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-345G4 ~complete genomic sequence, complete sequence.//3.8e-27:229:76//AC002302
- F-HEMBA1003175//Homo sapiens genomic DNA for centromeric end of MHC class I region on chromosome 6, WORKING DRAFT SEQUENCE.//9.4e-09:837:58//AB000882
- 50 F-HEMBA1003179//Homo sapiens DNA sequence from Fosmid 27C3 on chromosome 22q11.2-qter. Contains two possibly alternatively spliced unknown genes, one with homology to a worm protein. Contains ESTs, complete sequence.//5.4e-115:174:98//AL022325
- F-HEMBA1003197//Arabidopsis thaliana chromosome II BAC F15K20 genomic sequence, complete sequence.//1.1e-05:473:59//AC005824
- 55 F-HEMBA1003199//Rattus norvegicus Sprague-Dawley thyroid hormone receptor alpha gene, exon 1.//1.6e-05:367:61//U09302
- F-HEMBA1003202//Homo sapiens BAC clone RG437L15 from 8q21, complete sequence.//9.0e-23:247:73//AC004003

F-HEMBA1003204//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE.//4.7e-26:141:83//Z83824

F-HEMBA1003212//Human Chromosome 11 Overlapping Cosmids cSRL72g7 and cSRL140b8, complete sequence.//1.9e-31:158:86//AC002037

5 F-HEMBA1003220//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//3.4e-24:284:75//AC004150

F-HEMBA1003222//RPC11-47P17.TJ RPC11 Homo sapiens genomic clone R-47P17, genomic survey sequence.//8.7e-39:202:99//AQ202885

10 F-HEMBA1003229//Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MEB5, complete sequence.//0.86:227:62//AB019230

F-HEMBA1003235//Plasmodium falciparum chromosome 2, section 10 of 73 of the complete sequence.//8.6e-05:372:61//AE001373

F-HEMBA1003250//HS-1063-A1-H02-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 796 Col=3 Row=O, genomic survey sequence.//0.00032:57:96//B46142

15 F-HEMBA1003257//H.sapiens mRNA for RDC-1 POU domain containing protein.//2.2e-08:531:59//X64624

F-HEMBA1003273//H.sapiens flow-sorted chromosome 6 HindIII fragment, SC6pA19H4.//0.070:267:64//Z78949

F-HEMBA1003276//CIT-HSP-2301B4.TF CIT-HSP Homo sapiens genomic clone 2301B4, genomic survey sequence.//5.2e-08:295:63//AQ015073

20 F-HEMBA1003278//HS_3075_A1_G09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=17 Row=M, genomic survey sequence.//0.98:399:58//AQ120599

F-HEMBA1003281//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//4.8e-101:277:97//AC005840

F-HEMBA1003286//Homo sapiens chromosome 3q13 beta-1,4-galactosyltransferase mRNA, complete cds.//9.0e-145:539:97//AF038662

25 F-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds.//5.0e-166:799:98//AB011109

F-HEMBA1003296//CITBI-E1-2507M8.TR CITBI-E1 Homo sapiens genomic clone 2507M8, genomic survey sequence.//1.9e-05:388:63//AQ262551

F-HEMBA1003304//Budworm mitochondrial partial transfer RNA-Met (tRNA-Met) gene, and partial 12S ribosomal RNA (12S rRNA) gene.//8.0e-05:388:62//L17343

30 F-HEMBA1003309//Crassostrea gigas clone CN20 microsatellite sequence.//0.0017:210:64//AF051177

F-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds.//4.6e-188:865:99//AB001872

F-HEMBA1003322//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//2.4e-54:316:87//Z93015

35 F-HEMBA1003327//CIT-HSP-2024C24.TRB CIT-HSP Homo sapiens genomic clone 2024C24, genomic survey sequence.//8.4e-12:166:76//B67147

F-HEMBA1003328//HS_2230_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2230 Col=16 Row=P, genomic survey sequence.//0.026:128:71//AQ153313

40 F-HEMBA1003330//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete cds.//4.0e-160:745:99//AF045555

F-HEMBA1003348//HS_3194_A1_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3194 Col=9 Row=M, genomic survey sequence.//5.0e-79:381:99//AQ173779

F-HEMBA1003369//H.vulgare GAA-satellite DNA.//0.12:89:71//Z50100

45 F-HEMBA1003370//Homo sapiens cosmid 123E15, complete sequence.//3.5e-32:199:80//AF024533

F-HEMBA1003373//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING DRAFT SEQUENCE.//0.019:117:71//AL034405

F-HEMBA1003376//Human clone HS4.66 Alu-Ya5 sequence.//4.2e-30:196:85//U67229

F-HEMBA1003380//Homo sapiens DNA sequence from clone 394P21 on chromosome 1p36.12-36.13. Contains the PAX7 gene, locus D1S2644, ESTs and STSs, complete sequence.//4.6e-22:206:81//AL021528

50 F-HEMBA1003384//Homo sapiens clone GS096J14, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00094:72:90//AC006026

F-HEMBA1003395//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.00041:826:57//AL031744

55 F-HEMBA1003402//CIT-HSP-2339K16.TR CIT-HSP Homo sapiens genomic clone 2339K16, genomic survey sequence.//2.4e-05:265:64//AQ056234

F-HEMBA1003403//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//4.3e-135:780:90//AC004066

F-HEMBA1003408

- F-HEMBA1003417//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS, complete sequence.//1.9e-41:239:95//AL031321
- F-HEMBA1003418//Rattus norvegicus Wistar polymeric immunoglobulin receptor (PIGR) gene, 3'UTR and trinucleotide repeat microsatellites.//2.2e-06:247:64//U08273
- 5 F-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds.//1.4e-149:697:99//AF051334
- F-HEMBA1003447//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//1.7e-77:461:90//AC004066
- F-HEMBA1003461//Rhodobacter sphaeroides FliH (fliH) gene, partial cds, F1il (fliI) and FliJ (fliJ) genes, complete cds.//8.6e-08:752:58//U31090
- 10 F-HEMBA1003463//Homo sapiens chromosome 17, clone HCIT305D20, complete sequence.//0.089:172:68//AC004098
- F-HEMBA1003480//Homo sapiens clone NH0523H20, complete sequence.//4.5e-150:562:97//AC005041
- F-HEMBA1003528//Streptomyces fradiae gene for trypsinogen precursor, complete cds.//4.7e-09:433:60//D16687
- F-HEMBA1003531//Homo sapiens PAC clone DJ1185I07 from 7q11.23-q21, complete sequence.//2.3e-48:297:90//AC004990
- 15 F-HEMBA1003538//Human complement C1r mRNA, complete cds.//4.3e-22:474:63//M14058
- F-HEMBA1003545//Rattus norvegicus (clone 1.6kb) islet-2 mRNA, complete cds.//3.5e-143:805:91//L35571
- F-HEMBA1003548
- F-HEMBA1003555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447E6, WORKING DRAFT SEQUENCE.//3.4e-58:331:83//AL031724
- 20 F-HEMBA1003556//Homo sapiens Xp22-175-176 BAC GSHB-484017 (Genome Systems Human BAC Library) complete sequence.//6.0e-99:703:84//AC005913
- F-HEMBA1003560//Bovine GTP-binding regulatory protein gamma-6 subunit mRNA, complete cds.//1.3e-99:587:89//J05071
- 25 F-HEMBA1003568//HS_3149_A1_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3149 Col=7 Row=E, genomic survey sequence.//4.1e-05:389:57//AQ166810
- F-HEMBA1003569//Homo sapiens BAC clone NH0335J18 from 2, complete sequence.//1.6e-102:669:85//AC005539
- F-HEMBA1003571//Dictyostelium discoideum RegA (regA) gene, complete cds.//0.00033:649:58//U60170
- 30 F-HEMBA1003579//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.00034:623:56//AL031744
- F-HEMBA1003581//Mouse mRNA for talin.//3.3e-41:181:86//X56123
- F-HEMBA1003591//Homo sapiens chromosome 16, BAC clone RPCI-11_192K18, complete sequence.//4.4e-70:273:94//AC006075
- 35 F-HEMBA1003595//Plasmodium falciparum chromosome 2, section 32 of 73 of the complete sequence.//6.0e-17:768:58//AE001395
- F-HEMBA1003597//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//4.0e-09:777:56//AE001398
- F-HEMBA1003598//Homo sapiens PAC clone DJ0537P09 from 7p11.2-p12, complete sequence.//1.3e-146:692:98//AC005153
- 40 F-HEMBA1003615//HS_2010_A2_A07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2010 Col=14 Row=A, genomic survey sequence.//1.1e-22:137:97//AQ226592
- F-HEMBA1003617//Homo sapiens HRIHFB2157 mRNA, partial cds.//2.4e-169:501:97//AB015344
- F-HEMBA1003621//Mus musculus PIAS3 mRNA, complete cds.//4.7e-37:165:92//AF034080
- 45 F-HEMBA1003622//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.0024:514:58//AC005139
- F-HEMBA1003630//CIT-HSP-2168N15.TR CIT-HSP Homo sapiens genomic clone 2168N15, genomic survey sequence.//6.5e-15:358:63//B92984
- F-HEMBA1003637//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.0e-21:238:76//AC005077
- 50 F-HEMBA1003640//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 112K5, WORKING DRAFT SEQUENCE.//2.3e-15:371:63//Z85987
- F-HEMBA1003645//A.thaliana 81kb genomic sequence.//1.0:529:57//X98130
- F-HEMBA1003646
- 55 F-HEMBA1003656
- F-HEMBA1003662//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//1.6e-175:824:98//AC005746
- F-HEMBA1003667//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 21 unordered pieces.

- es.//1.1e-24:190:87//AC004765
 F-HEMBA1003679//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//1.7e-162:579:99//AC005065
 F-HEMBA1003680//H.sapiens DNA sequence.//7.3e-22:172:87//Z22322
 5 F-HEMBA1003684//H.sapiens mRNA for Miz-1 protein.//0.0054:146:70//Y09723
 F-HEMBA1003690//Homo sapiens antigen NY-CO-9 (NY-CO-9) mRNA, partial cds.//2.9e-72:606:77//AF039691
 F-HEMBA1003692
 F-HEMBA1003711//Homo sapiens chromosome 17, clone HRPC41C23, complete sequence.//0.55:450:60//AC003101
 10 F-HEMBA1003714
 F-HEMBA1003715//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STSs, GSSs and genomic marker DXS8098, complete sequence.//3.0e-16:316:68//AL023575
 F-HEMBA1003720//Homo sapiens chromosome 4 clone B227H22 map 4q25, complete sequence.//1.3e-41:483:73//AC004056
 15 F-HEMBA1003725//CIT-HSP-2351H9.TF CIT-HSP Homo sapiens genomic clone 2351H9, genomic survey sequence.//1.1e-112:532:99//AQ079348
 F-HEMBA1003729//HS_3043_A1_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3043 Col=13 Row=I, genomic survey sequence.//1.6e-12:87:98//AQ129345
 F-HEMBA1003733//Homo sapiens, clone hRPK.15_A_1, complete sequence.//4.7e-104:761:82//AC006213
 20 F-HEMBA1003742//HS_3027_A2_B02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3027 Col=4 Row=C, genomic survey sequence.//3.4e-08:67:97//AQ154731
 F-HEMBA1003758//CIT-HSP-2379D18.TR CIT-HSP Homo sapiens genomic clone 2379D18, genomic survey sequence.//2.9e-10:310:63//AQ113513
 F-HEMBA1003760//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//6.4e-114:714:86//AF060194
 25 F-HEMBA1003773//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.078:378:58//AC005139
 F-HEMBA1003783//Human DNA sequence from PAC 509L4 on chromosome 6q22.1-6q22.33. Contains SSX3 like pseudogene, EST, STS.//9.0e-135:804:89//Z99496
 30 F-HEMBA1003784//Caenorhabditis elegans cosmid C55B6.//0.054:463:58//U88181
 F-HEMBA1003799//Homo sapiens Chromosome 22q11.2 Cosmid Clone 105a In DGCR Region, complete sequence.//1.9e-44:425:76//AC000070
 F-HEMBA1003803//Oryctolagus cuniculus troponin T cardiac isoform mRNA, 3' end of cds.//0.95:198:62//L40178
 F-HEMBA1003804//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//1.2e-138:275:99//AC004596
 35 F-HEMBA1003805//Mus musculus quaking type I (QKI) mRNA, complete cds.//6.6e-148:753:95//U44940
 F-HEMBA1003807//HS-1068-B1-G06-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 278 Col=11 Row=N, genomic survey sequence.//6.7e-07:241:67//B47212
 F-HEMBA1003827//Homo sapiens mRNA for KIAA0616 protein, partial cds.//1.0e-83:586:87//AB014516
 40 F-HEMBA1003836//S.cerevisiae chromosome IX cosmid 9150.//5.1e-16:368:63//Z38125
 F-HEMBA1003838//CIT-HSP-384J15.TR CIT-HSP Homo sapiens genomic clone 384J15, genomic survey sequence.//1.4e-45:180:90//B54810
 F-HEMBA1003856//Homo sapiens chromosome 10 clone CIT9875K-1188B12 map 10p12.1, complete sequence.//0.0014:574:58//AC005875
 45 F-HEMBA1003864//, complete sequence.//2.1e-91:234:95//AC005300
 F-HEMBA1003866//Mus musculus semaphorin VIa mRNA, complete cds.//5.9e-81:853:71//AF030430
 F-HEMBA1003879//H.sapiens CBP80 mRNA.//2.0e-08:87:95//X80030
 F-HEMBA1003880//Homo sapiens genomic DNA, chromosome 21q11.1, segment 7/28, WORKING DRAFT SEQUENCE.//1.7e-180:853:98//AP000036
 50 F-HEMBA1003885//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//4.5e-39:376:67//AC004079
 F-HEMBA1003893//H.sapiens CpG island DNA genomic MseI fragment, clone 11b6, forward read cpg11b6.ft1a.//3.6e-32:173:99//Z59012
 F-HEMBA1003902//RPCI11-26M20.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-26M20, genomic survey sequence.//8.2e-12:422:61//AQ003455
 55 F-HEMBA1003908//Plasmodium falciparum chromosome 2, section 38 of 73 of the complete sequence.//0.0063:468:58//AE001401
 F-HEMBA1003926//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 310O13, WORKING

DRAFT SEQUENCE.//3.6e-27:278:76//AL031658
 F-HEMBA1003937//Homo sapiens chromosome 3 subtelomeric region.//1.4e-55:315:81//AF109718
 F-HEMBA1003939//HS-1047-A1-G04-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 830 Col=7 Row=M, genomic survey sequence.//6.1e-09:413:63//B38195
 5 F-HEMBA1003942//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces.//0.42:205:65//AC005140
 F-HEMBA1003950//M.capricolum DNA for CONTIG MC072.//0.029:458:58//Z33058
 F-HEMBA1003953//HS_2268_A1_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2268 Col=7 Row=C, genomic survey sequence.//9.0e-07:239:64//AQ085098
 10 F-HEMBA1003958//Homo sapiens PAC clone DJ0808G16 from 7q11.23-q21, complete sequence.//2.8e-57:424:
 74//AC004894
 F-HEMBA1003959//RPCI11-78E8.TV RPCI11 Homo sapiens genomic clone R-78E8, genomic survey sequence.//
 4.3e-86:441:9611AQ285498
 F-HEMBA1003976//HS_3146_A1_H09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3146 Col=17 Row=O, genomic survey sequence.//6.3e-10:129:80//AQ141146
 15 F-HEMBA1003978
 F-HEMBA1003985//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105C5,
 WORKING DRAFT SEQUENCE.//1.0:258:60//Z98855
 F-HEMBA1003987
 20 F-HEMBA1003989//Streptomyces coelicolor cosmid 1A9.//0.40:238:61//AL034446
 F-HEMBA1004000//Rattus norvegicus satellite sequence d0Mco2.//2.0e-07:116:70//U19354
 F-HEMBA1004011//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
 DRAFT SEQUENCE, 2 unordered pieces.//0.098:286:60//AC004710
 F-HEMBA1004012//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//2.8e-185:896:97//
 25 AC005670
 F-HEMBA1004015//Homo sapiens chromosome 17, clone hRPK.721_K_1, complete sequence.//6.3e-68:417:80//
 AC005411
 F-HEMBA1004024//Homo sapiens Xp22-83 BAC GSHB-324M7 (Genome Systems Human BAC Library) complete
 sequence.//2.0e-47:418:77//AC005859
 30 F-HEMBA1004038//Homo sapiens genomic DNA, chromosome 21q11.1, segment 23/28, WORKING DRAFT SE-
 QUENCE.//1.6e-51:564:74//AP000052
 F-HEMBA1004042//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//1.2e-05:
 636:55//AE001398
 F-HEMBA1004045//Homo sapiens (subclone 1_g7 from BAC H76) DNA sequence, complete sequence.//1.9e-31:
 373:76//AC002252
 35 F-HEMBA1004048//Homo sapiens DNA for P35-related protein, exon 2.//0.039:234:63//D63393
 F-HEMBA1004049//Homo sapiens Xp22 GS-52411 (Genome Systems Human BAC library), complete sequence.//
 4.8e-135:780:89//AC003106
 F-HEMBA1004055//Human chromosome 3p21.1 gene sequence.//4.7e-09:457:58//L13435
 40 F-HEMBA1004056//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447C4, WORKING
 DRAFT SEQUENCE.//3.3e-25:246:77//AL021977
 F-HEMBA1004074//CIT-HSP-2053J5.TF CIT-HSP Homo sapiens genomic clone 2053J5, genomic survey se-
 quence.//7.8e-24:233:76//B68555
 F-HEMBA1004086//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes, partial sequence,
 45 and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein, complete cds.//4.5e-08:614:59//
 U49822
 F-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//5.9e-121:502:85//
 AF091234
 F-HEMBA1004111//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0481P14;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.0e-36:317:80//AC006160
 50 F-HEMBA1004131//Mus musculus clone OST2067, genomic survey sequence.//8.7e-24:320:71//AF046393
 F-HEMBA1004132//HS_3226_B1_D10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3226 Col=19 Row=H, genomic survey sequence.//9.7e-13:232:71//AQ182017
 F-HEMBA1004133
 55 F-HEMBA1004138//HS_3036_B1_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3036 Col=21 Row=N, genomic survey sequence.//0.0035:165:64//AQ294763
 F-HEMBA1004143
 F-HEMBA1004146

EP 1 074 617 A2

F-HEMBA1004150//Human DNA sequence from PAC 52D1 on chromosome Xq21. Contains CA repeats, STS.//0.00011:618:60//Z96811

F-HEMBA1004164//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//2.9e-30:454:68//AC005913

5 F-HEMBA1004168//Homo sapiens geminin mRNA, complete cds.//4.5e-133:649:97//AF067855

F-HEMBA1004199

F-HEMBA1004200//HS_2015_A1_B05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2015 Col=9 Row=C, genomic survey sequence.//8.5e-34:236:87//AQ247957

10 F-HEMBA1004202//Mus musculus chromosome 11, clone mCIT.268_P_23, complete sequence.//7.8e-59:216:83//AC004807

F-HEMBA1004203//Homo sapiens clone NH0313P13, WORKING DRAFT SEQUENCE, 15 unordered pieces.//6.3e-98:173:98//AC005488

F-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//3.2e-166:791:98//U50748

15 F-HEMBA1004225//Plasmodium falciparum chromosome 2, section 61 of 73 of the complete sequence.//6.5e-08:584:60//AE001424

F-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//8.0e-115:713:86//AF095927

F-HEMBA1004238

20 F-HEMBA1004241//CIC5B11.1 check: 4870 from: 1 to: 167234, complete sequence.//0.57:552:58//AC004708

F-HEMBA1004246//Human DNA sequence from clone 422F24 on chromosome 6q24.1-25.2. Contains a novel gene similar to C. elegans C02C2.5. Contains ESTs, STSs and GSSs, complete sequence.//6.1e-21:254:77//AL031010

F-HEMBA1004248//Rattus rattus insulin-induced growth-respons protein (CL-6) mRNA, complete cds.//1.7e-30:315:74//L13619

25 F-HEMBA1004264//Homo sapiens cosmid clone LUCA20 from 3p21.3, complete sequence.//4.4e-07:674:60//AC004693

F-HEMBA1004267//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//3.1e-78:335:87//AC004707

30 F-HEMBA1004272//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.4e-176:856:97//AC005831

F-HEMBA1004274//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=8 Row=B, genomic survey sequence.//3.1e-28:153:100//AQ136993

F-HEMBA1004275//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 501A4, WORKING DRAFT SEQUENCE.//5.2e-17:109:99//Z98051

35 F-HEMBA1004276//CIT-HSP-2387K6.TF.1 CIT-HSP Homo sapiens genomic clone 2387K6, genomic survey sequence.//5.0e-07:63:98//AQ240477

F-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds.//2.1e-185:868:99//AF022795

40 F-HEMBA1004289//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MQN23, complete sequence.//1.0:387:59//AB013395

F-HEMBA1004295//Homo sapiens DNA, anonymous heat-stable fragment RP11-3A.//7.8e-06:92:89//AB012254

F-HEMBA1004306//Homo sapiens clone DJ0811N16, complete sequence.//0.00037:413:59//AC004897

F-HEMBA1004312//Rickettsia prowazekii strain Madrid E, complete genome; segment 2/4.//0.28:522:57//AJ235271

45 F-HEMBA1004321//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//7.1e-136:548:92//AC006130

F-HEMBA1004323//Human DNA sequence from PAC 450C20 on chromosome X.//1.3e-32:320:65//Z84720

F-HEMBA1004327//Homo sapiens mRNA for KIAA0522 protein, partial cds.//0.93:222:62//AB011094

50 F-HEMBA1004330//Homo sapiens clone DJ1196H06, WORKING DRAFT SEQUENCE, 4 unordered pieces.//7.0e-168:895:93//AC004995

F-HEMBA1004334//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//4.6e-73:713:75//AC002980

F-HEMBA1004335//Human DNA-sequence *** SEQUENCING IN PROGRESS *** from clone 417M14, WORKING DRAFT SEQUENCE.//1.3e-25:121:85//AL024498

55 F-HEMBA1004341

F-HEMBA1004353//***ALU WARNING: Human Alu-Sc subfamily consensus sequence.//6.4e-38:278:85//U14571

F-HEMBA1004354//Human clone C3 CHL1 protein (CHLR1) mRNA, alternatively spliced, complete cds.//4.1e-45:

190:92//U75968
 F-HEMBA1004356
 F-HEMBA1004366//P.falciparum complete gene map of plastid-like DNA (IR-A)//2.2e-07:736:57//X95275
 F-HEMBA1004372//H.sapiens dystrophin gene intron 44.//1.0:129:62//X77644
 5 F-HEMBA1004389//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//4.7e-42:237:94//M21977
 F-HEMBA1004394//Plasmodium falciparum chromosome 2, section 39 of 73 of the complete sequence.//5.2e-05:519:59//AE001402
 F-HEMBA1004396//Human BAC clone RG302F04 from 7q31, complete sequence.//4.0e-32:261:76//AC002463
 F-HEMBA1004405//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
 10 DRAFT SEQUENCE, 9 unordered pieces.//1.4e-07:693:58//AC005507
 F-HEMBA1004408//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.2e-69:195:100//AC005037
 F-HEMBA1004429//HS_3193_A1_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3193 Col=11 Row=C, genomic survey sequence.//5.1e-67:386:91//AQ172942
 15 F-HEMBA1004433//Human Chromosome 11p11.2 PAC clone pDJ404m15, complete sequence.//3.2e-27:242:82//AC002554
 F-HEMBA1004460//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//1.7e-75:590:81//AC004846
 F-HEMBA1004461//Human DNA sequence from clone 657J8 on chromosome Xq26.1-26.3 Contains GSS, complete sequence.//0.045:215:66//AL034407
 20 F-HEMBA1004479//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//5.2e-43:364:79//AF060194
 F-HEMBA1004482//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//6.8e-17:791:59//AC005505
 25 F-HEMBA1004499//Homo sapiens chromosome 17, clone hRPC.1073_F_15, complete sequence.//4.4e-125:251:94//AC004686
 F-HEMBA1004502//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.012:635:57//AC004709
 F-HEMBA1004506//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//2.8e-127:766:88//AC004453
 30 F-HEMBA1004507
 F-HEMBA1004509//Arabidopsis thaliana DNA chromosome 4, BAC clone T10I14 (ESSAll project).//1.0e-13:244:67//AL021712
 F-HEMBA1004534//Human mRNA for actin-binding protein (filamin) (ABP-280).//1.6e-72:678:74//X53416
 35 F-HEMBA1004538//Sequence 1 from patent US 5612190.//0.00015:416:59//I36871
 F-HEMBA1004542//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.95:202:64//AC005038
 F-HEMBA1004554//Arabidopsis thaliana BAC T26D22.//0.45:624:56//AFO58826
 F-HEMBA1004560//Human mRNA for KIAA0281 gene, complete cds.//9.1e-10:173:70//D87457
 40 F-HEMBA1004573//Human BAC clone RG114A06 from 7q31, complete sequence.//6.1e-23:134:73//AC002542
 F-HEMBA1004577//Homo sapiens Chromosome 16 BAC clone CIT987SK-582J2, complete sequence.//1.6e-15:190:77//AC004525
 F-HEMBA1004586//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//3.1e-31:388:76//AC004895
 45 F-HEMBA1004596//RPCI11-81O21.TJ RPCI11 Homo sapiens genomic clone R-81O21, genomic survey sequence.//2.2e-90:458:90//AQ285136
 F-HEMBA1004604//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.//8.6e-105:699:84//AF071316
 F-HEMBA1004610//Homo sapiens PAC clone DJ1163J12 from 7q21.2-q31.1, complete sequence.//5.4e-20:267:72//AC004983
 50 F-HEMBA1004617//CIT-HSP-2319H15.TF CIT-HSP Homo sapiens genomic clone 2319H15, genomic survey sequence.//6.2e-26:147:99//AQ034944
 F-HEMBA1004629//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//5.6e-06:766:56//AC005504
 55 F-HEMBA1004631//Human DNA sequence from PAC 368A4 on chromosome X. Contains ESTs, CELLULAR NUCLEIC ACID BINDING PROTEIN (CNBP) like gene and STSs.//4.7e-73:412:92//Z83843
 F-HEMBA1004632//Canine herpesvirus DNA for gene homolog of HSV1 UL16, EHV1 ORF 46, VZV ORF 44.//0.92:181:61//X90418

- F-HEMBA1004637//G.gallus mRNA for LRP/alpha-2-macroglobulin receptor.//7.8e-47:784:65//X74904
 F-HEMBA1004638//Rattus norvegicus homeodomain protein Nkx6.1 (nkx6.1) mRNA, complete cds.//6.4e-06:458:61//AF004431
 5 F-HEMBA1004666//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3, WORKING DRAFT SEQUENCE.//0.30:733:55//Z98865
 F-HEMBA1004669//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel genes, ESTs, GSSs and CpG islands, complete sequence.//7.5e-136:521:98//AL031432
 F-HEMBA1004670//Homo sapiens Chromosome 22q12 Cosmid Clone p90g5, complete sequence.//0.43:365:59//AC000045
 10 F-HEMBA1004672
 F-HEMBA1004693//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.096:651:54//AC005308
 F-HEMBA1004697//CIT-HSP-2326C13.TR CIT-HSP Homo sapiens genomic clone 2326C13, genomic survey sequence.//0.23:238:65//AQ040642
 15 F-HEMBA1004705//Homo sapiens Xp22 Cosmid U151G1 (from Lawrence Livermore X library) and PAC RPC11-93D11 (from Roswell Park Cancer Center) complete sequence.//2.1e-27:375:72//AC002357
 F-HEMBA1004709//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.6e-36:191:91//AC006210
 F-HEMBA1004711//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence.//1.1e-133:639:99//AC005562
 20 F-HEMBA1004725//RPC11-75013.TJ RPC11 Homo sapiens genomic clone R-75013, genomic survey sequence.//6.2e-32:169:100//AQ266512
 F-HEMBA1004730//Human BAC clone RG035E18 from 7q31, complete sequence.//8.0e-68:732:72//AC004029
 F-HEMBA1004733//CIT-HSP-2305M23.TF CIT-HSP Homo sapiens genomic clone 2305M23, genomic survey sequence.//4.9e-18:209:69//AQ017556
 25 F-HEMBA1004734//Arabidopsis thaliana ubiquitin-conjugating enzyme 17 (UBC17) mRNA, complete cds.//1.8e-13:451:62//AF028340
 F-HEMBA1004736//Human DNA Sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinosischisis (X-linked, juvenile) 1 (XLRS1). Contains ESTs, an STS and GSSs, complete sequence.//5.0e-87:646:78//Z94056
 30 F-HEMBA1004748//Human BAC clone RG204I16 from 7q31, complete sequence.//0.24:526:57//AC002461
 F-HEMBA1004751//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.4e-25:268:76//AC004913
 F-HEMBA1004752//R.norvegicus mRNA for leucocyte common antigen-related protein (3941 bp).//1.1e-07:503:61//X83546
 35 F-HEMBA1004753//Homo sapiens Chromosome 12 Cosmid Clone 6e5, complete sequence.//4.5e-38:314:81//AC000028
 F-HEMBA1004756//Homo sapiens, complete sequence.//1.4e-111:326:84//AC005854
 F-HEMBA1004758//Sequence 29 from patent US 5534410.//3.9e-135:769:91//I23472
 40 F-HEMBA1004763//Homo sapiens apoptosis inhibitor survivin gene, complete cds.//3.6e-47:404:79//U75285
 F-HEMBA1004768//Homo sapiens PAC clone DJ0979P20 from 7q33-q35, complete sequence.//6.7e-107:890:78//AC004941
 F-HEMBA1004770//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.9e-09:806:59//AC004709
 45 F-HEMBA1004771//G.muris ribosomal RNA operon DNA encoding 16S, 23S and 5.8S ribosomal RNA.//0.69:239:61//X65063
 F-HEMBA1004776
 F-HEMBA1004778
 F-HEMBA1004795//Drosophila melanogaster A-kinase anchor protein DAKAP550 mRNA, partial cds.//3.4e-46:778:64//AF003622
 50 F-HEMBA1004803//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//4.3e-82:580:82//AC004617
 F-HEMBA1004806//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence.//5.4e-07:642:59//AC005083
 55 F-HEMBA1004807//Human HIV1 tata element modulatory factor mRNA sequence from chromosome 3.//1.4e-46:171:92//L01042
 F-HEMBA1004816//Homo sapiens calpastatin (CAST) gene, exons 10-14.//3.5e-31:546:66//M86257
 F-HEMBA1004820//C.botulinum progenitor toxin complex genes.//0.0014:343:62//X87972

- F-HEMBA1004847//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68).//1.5e-85:512:88//X53744
- F-HEMBA1004850//Homo sapiens TGF-beta type I receptor (TGFB1) gene, exon 1.//0.0065:284:61//AF054590
- F-HEMBA1004863//Genomic sequence from Mouse 11, complete sequence.//0.92:250:59//AC000400
- 5 F-HEMBA1004864
- F-HEMBA1004865//Human DNA sequence from clone 459L4 on chromosome 6p22.3-24.1 Contains EST, STS, GSS, complete sequence.//3.6e-12:214:72//AL031120
- F-HEMBA1004880//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence.//1.1e-08:255:69//AC004020
- 10 F-HEMBA1004889//Schistocerca americana Antennapedia homeotic protein (Antp) mRNA, complete cds.//0.062:155:69//U32943
- F-HEMBA1004900//Plasmodium falciparum unidentified mRNA sequence.//0.00055:323:60//L12043
- F-HEMBA1004909//Homo sapiens chromosome 17, clone 289A8, complete sequence.//9.6e-16:166:80//AC003051
- 15 F-HEMBA1004918//Turritella communis mitochondrial 16S ribosomal RNA gene, partial.//0.81:146:65//M94003
- F-HEMBA1004923//Human DNA from overlapping chromosome 19-specific cosmids R32543,, and F15613 containing ZNF gene family member, genomic sequence, complete sequence.//1.4e-36:338:78//AC003006
- F-HEMBA1004929//CIT-HSP-237316.TR CIT-HSP Homo sapiens genomic clone 2373116, genomic survey sequence.//2.4e-86:443:96//AQ108676
- 20 F-HEMBA1004930//Homo sapiens PAC clone DJ0608H12 from 7q21, complete sequence.//4.6e-20:219:73//AC004109
- F-HEMBA1004933//HS-1003-A1-E10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 497 Col=19 Row=I, genomic survey sequence.//1.4e-28:216:85//B30726
- F-HEMBA1004934//Homo sapiens chromosome 21q22.3 PAC 267O10, complete sequence.//0.53:222:61//AF042091
- 25 F-HEMBA1004944//Homo sapiens clone DJ0736H05, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.2e-58:509:78//AC005482
- F-HEMBA1004954//HS_2033_A2_A08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2033 Col=16 Row=A, genomic survey sequence.//3.7e-47:243:99//AQ229758
- 30 F-HEMBA1004956//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.048:421:58//X95276
- F-HEMBA1004960//Arabidopsis thaliana DNA chromosome 4, ESSA I contig fragment No. 8.//0.89:333:58//Z97343
- F-HEMBA1004972
- F-HEMBA1004973//RPCI11-66P8.TK RPCI11 Homo sapiens genomic clone R-66P8, genomic survey sequence.//3.5e-22:245:77//AQ238471
- 35 F-HEMBA1004977//Homo sapiens full-length insert cDNA clone YZ83B08.//9.0e-11:84:98//AF086080
- F-HEMBA1004978//CIT-HSP-2354E10.TR CIT-HSP Homo sapiens genomic clone 2354E10, genomic survey sequence.//0.0021:152:66//AQ075713
- F-HEMBA1004980//HS_3018_A2_E04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=8 Row=I, genomic survey sequence.//1.9e-77:392:97//AQ071873
- 40 F-HEMBA1004983//Albinaria corrugata isolate cor. Prn1.1 16S ribosomal RNA gene, mitochondrial gene for mitochondrial RNA, partial sequence.//0.0030:276:61//AF031680
- F-HEMBA1004995//Homo sapiens chromosome 16, cosmid bridge clone 306E6 (LANL), complete sequence.//4.2e-138:640:99//AC005590
- 45 F-HEMBA1005008//Human mariner1 transposase gene, complete consensus sequence.//6.8e-20:160:88//U52077
- F-HEMBA1005009//Homo sapiens BAF53a (BAF53a) mRNA, complete cds.//2.0e-144:668:99//AF041474
- F-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds.//1.4e-146:693:98//AB014548
- F-HEMBA1005029//Homo sapiens DNA sequence from PAC 97D16 on chromosome 6p21.3-22.2. Contains an unknown pseudogene, a 60S Ribosomal protein L24 (L30) LIKE pseudogene and histone genes H2BFC (H2B/c), H4FFP (H4/f pseudogene), H2AFC (H2A/c), H3F1K (H3.1/k) and a tRNA-Val pseudogene and tRNA-Thr gene. Contains ESTs, STSs, GSSs and genomic marker D6S464, complete sequence.//2.2e-115:668:90//AL009179
- 50 F-HEMBA1005035//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//4.6e-138:591:98//AC004596
- 55 F-HEMBA1005039//CIT-HSP-2338L5.TR CIT-HSP Homo sapiens genomic clone 2338L5, genomic survey sequence.//3.7e-61:271:88//AQ055486
- F-HEMBA1005047//Mus musculus mRNA for Rab24 protein.//3.8e-17:218:73//Z22819
- F-HEMBA1005050//Human Tis11d gene, complete cds.//0.079:251:63//U07802

- F-HEMBA1005062//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.018:560:56//AC004688
- F-HEMBA1005066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 774G10, WORKING DRAFT SEQUENCE.//3.4e-97:432:84//AL034410
- 5 F-HEMBA1005075//H.sapiens DNA 3' flanking simple sequence region clone wg2c3.//6.9e-07:176:68//X76589
- F-HEMBA1005079//CIT-HSP-2325M21.TRB CIT-HSP Homo sapiens genomic clone 2325M21, genomic survey sequence.//2.1e-48:274:93//AQ038720
- F-HEMBA1005083//HS_2248_B1_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2248 Col=9 Row=H, genomic survey sequence.//3.4e-06:230:64//AQ129575
- 10 F-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//1.3e-161:762:98//AF080561
- F-HEMBA1005113//L.esculentum microsatellite repeat DNA region.//0.0038:742:57//X90770
- F-HEMBA1005123//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//9.6e-83:479:78//AC004854
- 15 F-HEMBA1005133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//3.9e-24:576:64//AL023808
- F-HEMBA1005149//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//4.7e-36:283:80//AC004542
- F-HEMBA1005152//Homo sapiens chromosome Xp22-67-68, WORKING DRAFT SEQUENCE, 99 unordered pieces.//5.0e-10:332:64//AC004469
- 20 F-HEMBA1005159//Homo sapiens genomic DNA, chromosome 21q11.1, segment 1/5, WORKING DRAFT SEQUENCE.//4.0e-10:734:58//AP000023
- F-HEMBA1005185//H.sapiens CpG island DNA genomic Mse1 fragment, clone 91b2, forward read cpg91b2.ft1a./12.2e-14:93:100//Z63847
- 25 F-HEMBA1005201//Drosophila melanogaster cosmid 152A3.//4.7e-35:679:64//AL009194
- F-HEMBA1005202//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68).//6.7e-138:778:90//X53744
- F-HEMBA1005206//Drosophila melanogaster Su(P) and anon-73B1 genes and partial o25 gene and Pros26 gene.//7.1e-12:376:62//AJ011320
- 30 F-HEMBA1005219//Homo sapiens mRNA for KIAA0445 protein, complete cds.//7.1e-05:411:60//AB007914
- F-HEMBA1005223//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//3.5e-06:212:66//AC004542
- F-HEMBA1005232//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.7e-07:625:57//AC005308
- 35 F-HEMBA1005241//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence.//8.7e-45:567:72//AC005154
- F-HEMBA1005244//Homo sapiens chromosome X clone U177G4, U152H5, U168D5, 174A6, U172D6, and U186B3 from Xp22, complete sequence.//0.96:298:62//AC002365
- F-HEMBA1005251
- 40 F-HEMBA1005252//Homo sapiens chromosome 17, clone hRPK.318_A_15, complete sequence.//4.5e-160:392:99//AC005837
- F-HEMBA1005274//Homo sapiens BAC clone 255A7 from 8q21 containing NBS1 gene, complete sequence.//2.3e-05:496:60//AF069291
- F-HEMBA1005275//Human DNA sequence from clone 444C7 on chromosome 6p22.3-23. Contains an EST, an STS and GSSs, complete sequence.//5.7e-05:220:64//AL033521
- 45 F-HEMBA1005293//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds.//2.4e-20:338:65//U97018
- F-HEMBA1005296
- F-HEMBA1005304//Human DNA sequence from clone 364I22 on chromosome Xq21.31-22.3. Contains an STS and GSSs, complete sequence.//1.6e-51:381:78//AL031012
- 50 F-HEMBA1005311
- F-HEMBA1005314//Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28, WORKING DRAFT SEQUENCE.//0.94:226:63//AP000031
- F-HEMBA1005315//Homo sapiens BAC810, complete sequence.//9.5e-15:684:62//U85198
- 55 F-HEMBA1005318//Human DNA sequence from PAC 394F12 on chromosome X contains EST, STS, CpG island clone.//2.6e-05:472:59//Z83823
- F-HEMBA1005331//Homo sapiens chromosome 17, clone hRPK.214_C_8, complete sequence.//3.3e-90:300:90//AC005803

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F-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial.//1.4e-151:740:97//AJ007581
F-HEMBA1005353//CIT-HSP-2310N10.TR CIT-HSP Homo sapiens genomic clone 2310N10, genomic survey sequence.//2.1e-86:438:97//AQ016145
F-HEMBA1005359//Human zinc finger protein ZNF137 mRNA, complete cds.//1.8e-98:500:88//U09414
5 F-HEMBA1005367//Mus musculus melastatin mRNA, complete cds.//8.3e-72:577:73//AF047714
F-HEMBA1005372//Human DNA sequence from PAC 293E14 contains ESTs, STS.//1.3e-07:274:66//Z82900
F-HEMBA1005374//Homo sapiens clone 277F10, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.9e-48:611:69//AC004813
F-HEMBA1005382//HS_3063_B2_F11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3063 Col=22 Row=L, genomic survey sequence.//1.6e-27:154:98//AQ103204
10 F-HEMBA1005389//Plasmodium falciparum telomere nucleotide sequence.//4.0e-07:443:61//M23175
F-HEMBA1005394//CIT-HSP-2368B11.TR CIT-HSP Homo sapiens genomic clone 2368B11, genomic survey sequence.//7.6e-17:225:71//AQ076749
F-HEMBA1005403//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//4.5e-131:278:98//AL034379
15 F-HEMBA1005408//HS_3007_B2_G04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=8 Row=N, genomic survey sequence.//8.0e-06:218:66//AQ294366
F-HEMBA1005410//Human DNA sequence from cosmid cU120E2, on chromosome X contains Lowe oculocerebrorenal syndrome (OCRL) ESTs and STS.//1.5e-41:432:76//Z73496
20 F-HEMBA1005411
F-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds.//1.0e-169:537:99//AF041248
F-HEMBA1005426
F-HEMBA1005443//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//7.1e-37:260:76//AC006130
25 F-HEMBA1005447//CIT-HSP-2173N7.TR CIT-HSP Homo sapiens genomic clone 2173N7, genomic survey sequence.//5.0e-133:631:98//B93234
F-HEMBA1005468//Human DNA sequence from clone 20J23 on chromosome Xq26.2-27.2 Contains ras-related C3 botulinum toxin substrate 1 (P21-RAC1) (ras-like protein TC25) EST, CA repeat, STS, CpG island, complete sequence.//1.5e-118:868:83//AL022576
30 F-HEMBA1005469//Homo sapiens chromosome 16, P1 clone 96-4B (LANL), complete sequence.//1.2e-179:838:99//AC005212
F-HEMBA1005472//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//3.4e-20:187:74//AL031985
35 F-HEMBA1005474//Homo sapiens genomic DNA, chromosome 21q11.1, segment 12/28, WORKING DRAFT SEQUENCE.//4.1e-22:445:65//AP000041
F-HEMBA1005475//CIT-HSP-2322D14.TR CIT-HSP Homo sapiens genomic clone 2322D14, genomic survey sequence.//6.7e-51:269:97//AQ026941
F-HEMBA1005497//HS_3097_A2_G05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3097 Col=10 Row=M, genomic survey sequence.//1.4e-66:345:96//AQ103810
40 F-HEMBA1005500//Homo sapiens PAC clone DJ1093017 from 7q11.23-q21, complete sequence.//5.4e-178:818:98//AC004957
F-HEMBA1005506//Mus musculus (clone 0EBF17) early B-cell factor (EBF) mRNA, complete cds.//2.6e-06:73:98//L12147
45 F-HEMBA1005508//Homo sapiens clone hRPK.1_A_1, complete sequence.//0.00012:455:60//AC006196
F-HEMBA1005511//Homo sapiens MHC class 1 region.//3.3e-43:421:77//AF055066
F-HEMBA1005513//Drosophila melanogaster males-absent on the first (mof) gene, complete cds.//2.3e-20:352:69//U71219
F-HEMBA1005517//Homo sapiens DNA for (CGG)n trinucleotide repeat region, isolate E7.//2.5e-08:431:62//AJ001216
50 F-HEMBA1005518//M.musculus mRNA for paladin gene.//8.2e-90:651:81//X99384
F-HEMBA1005520//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//7.8e-167:755:99//AC004913
F-HEMBA1005526//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//2.4e-42:475:73//AC006241
55 F-HEMBA1005528//Mus musculus mCAF1 protein mRNA, complete cds.//1.2e-94:512:92//U21855
F-HEMBA1005530
F-HEMBA1005548//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 970A17, WORKING

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DRAFT SEQUENCE.//9.4e-87:422:99//AL034431
F-HEMBA1005552//Homo sapiens PAC clone DJ0807C15 from 7q34-q36, complete sequence.//6.1e-41:486:68//AC004743
5 F-HEMBA1005558//Drosophila melanogaster DNA sequence (P1 DS00837 (D87)), complete sequence.//2.9e-19:306:68//AC004377
F-HEMBA1005568//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0093:345:60//AC004153
F-HEMBA1005570//Plasmodium falciparum chromosome 2, section 44 of 73 of the complete sequence.//4.2e-09:592:59//AE001407
10 F-HEMBA1005576//Homo sapiens mRNA for KIAA0463 protein, partial cds.//5.9e-127:610:98//AB007932
F-HEMBA1005577//HS-1004-A1-E11 -MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 498 Col=21 Row=I, genomic survey sequence.//0.00034:254:64//B30971
F-HEMBA1005581//Rattus norvegicus mRNA for MEGF5, complete cds.//4.0e-57:826:65//AB011531
F-HEMBA1005582//HS_3242_A1_B07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3242 Col=13 Row=C, genomic survey sequence.//1.1e-13:91:98//AQ211275
15 F-HEMBA1005583
F-HEMBA1005588//Homo sapiens PAC clone DJ1188N21 from 7q11.23-q21.1, complete sequence.//8.7e-31:283:75//AC006025
F-HEMBA1005593//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//8.3e-158:748:99//AC005746
20 F-HEMBA1005595//CIT-HSP-2309F14.TF CIT-HSP Homo sapiens genomic clone 2309F14, genomic survey sequence.//6.4e-30:194:91//AQ016527
F-HEMBA1005606//CIT-HSP-2326I6.TR CIT-HSP Homo sapiens genomic clone 2326I6, genomic survey sequence.//0.0014:132:70//AQ041484
25 F-HEMBA1005609//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.9e-33:249:85//AC005089
F-HEMBA1005616//Homo sapiens DNA sequence from PAC 43C13 on chromosome Xq21.1-Xq21.3. rab proteins geranyltransferase component A 1 (rab escort protein 1) (REP-1) (choroideraemia protein) (TCD protein).//6.5e-29:279:69//AL009175
30 F-HEMBA1005621//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 330012, WORKING DRAFT SEQUENCE.//6.4e-90:158:87//AL031731
F-HEMBA1005627//RPCI11-34P9 TJ RPCI-11 Homo sapiens genomic clone RPCI-11-34P9, genomic survey sequence.//0.014:168:67//AQ045110
F-HEMBA1005631//Homo sapiens PAC clone DJ1086D14, complete sequence.//1.0e-149:736:93//AC004460
35 F-HEMBA1005632
F-HEMBA1005634//Human DNA sequence from PAC 187N21 on chromosome 6p21.2-6p21.33. Contains ESTs.//6.6e-38:452:67//Z98036
F-HEMBA1005666
F-HEMBA1005670//Homo sapiens PAC clone DJ0665C04 from 7p14-p13, complete sequence.//5.1e-59:687:74//AC004850
40 F-HEMBA1005679//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.0e-47:357:85//AC005478
F-HEMBA1005680
F-HEMBA1005685//RPCI11-23D19.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-23D19, genomic survey sequence.//0.99:228:63//AQ013742
45 F-HEMBA1005699//Human ligand for eph-related receptor tyrosine kinases (EPLG8) mRNA, complete cds.//1.4e-72:406:92//U57001
F-HEMBA1005705//Human (D21S172) DNA segment containing (CA) repeat.//0.00040:190:66//X56513
F-HEMBA1005717//Plasmodium falciparum MAL3P1, complete sequence.//0.0099:260:63//Z97348
50 F-HEMBA1005732//Human mRNA for KIAA0003 gene, complete cds.//8.1e-19:151:88//D14697
F-HEMBA1005737//Homo sapiens PAC clone DJ1099C19 from 7q21-q22, complete sequence.//5.6e-15:157:79//AC005156
F-HEMBA1005746//RPCI11-63N8.TK RPCI11 Homo sapiens genomic clone R-63N8, genomic survey sequence.//1.3e-18:113:100//AQ238535
55 F-HEMBA1005755//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//3.6e-56:764:70//Z97181
F-HEMBA1005765//Human DNA sequence from PAC 288L1 on chromosome 22q12-qter contains ESTs and polymorphic CA repeat (D22S1152).//1.1e-30:275:77//Z82196

- F-HEMBA1005780//RPCI11-74E19.TJ RPCI11 Homo sapiens genomic clone R-74E19, genomic survey sequence.//0.0011:283:62//AQ268432
- F-HEMBA1005813//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//0.14:326:61//AC004079
- 5 F-HEMBA1005815//M.musculus mRNA for skeletal muscle-specific calpain.//6.3e-10:706:59//X92523
- F-HEMBA1005822//Mouse Bac 291G16, WORKING DRAFT SEQUENCE, 19 unordered pieces.//0.87:417:56//AC003020
- F-HEMBA1005829//Homo sapiens Chromosome 22q11.2 Fosmid Clone f39e1 In DGCR Region, complete sequence.//8.8e-42:370:79//AC000094
- 10 F-HEMBA1005834//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.1e-42:690:67//AL022577
- F-HEMBA1005852//F.rubripes GSS sequence, clone 163A22aE9, genomic survey sequence.//4.3e-07:253:59//AL018749
- 15 F-HEMBA1005853//CIT-HSP-2289L23.TR CIT-HSP Homo sapiens genomic clone-2289L23, genomic survey sequence.//2.2e-68:333:99//B98952
- F-HEMBA1005884//Homo sapiens chromosome 5, BAC clone 78c6 (LBNL H191), complete sequence.//1.9e-57:331:87//AC005351
- 20 F-HEMBA1005891//Homo sapiens PAC clone DJ0997N05 from 7q11.23-q21.1, complete sequence.//5.1e-182:864:98//AC004945
- F-HEMBA1005894//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//3.0e-44:340:80//AC004086
- F-HEMBA1005909//Homo sapiens DNA sequence from PAC 127D3 on chromosome 1q23-25. Contains FMO2 and FMO3 genes for Flavin-containing Monooxygenase 2 and Flavin-containing Monooxygenase 3 (Dimethylaniline Monooxygenase (N-Oxide 3, EC1.14.13.8, Dimethylaniline Oxidase 3, FMO II, FMO 3), and a gene for another, unknown, Flavin-containing Monooxygenase family protein. Contains ESTs and GSSs, complete sequence.//8.3e-12:828:57//AL021026
- 25 F-HEMBA1005911//Human DNA sequence from clone 1158E12 on chromosome Xp11.23-11.4 Contains EST, STS, GSS, CpG island, complete sequence.//1.0e-44:328:77//AL031584
- 30 F-HEMBA1005921//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//1.3e-41:431:77//AC005666
- F-HEMBA1005931//Homo sapiens chromosome 12p13.3 clone RPCI4-761J14, WORKING DRAFT SEQUENCE, 60 unordered pieces.//1.1e-29:394:70//AC006086
- 35 F-HEMBA1005934//Homo sapiens PAC clone DJ1140G11 from 14q24.3, complete sequence.//8.1e-06:115:80//AC004974
- F-HEMBA1005962//RPCI11-17O15.TV RPCI-11 Homo sapiens genomic clone RPCI-11-17O15, genomic survey sequence.//9.5e-36:315:84//B82821
- 40 F-HEMBA1005963//HS_3055_A1_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3055 Col=15 Row=I, genomic survey sequence.//9.3e-73:372:97//AQ147357
- F-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//1.3e-149:697:99//AF082516
- F-HEMBA1005991//Plasmodium falciparum chromosome 2, section 45 of 73 of the complete sequence.//6.3e-07:423:60//AE001408
- 45 F-HEMBA1005999//Homo sapiens chromosome 4 clone C0026P05 map 4P16, complete sequence.//3.8e-09:360:64//AC005599
- F-HEMBA1006002
- F-HEMBA1006005//Homo sapiens MLL (MLL) gene, exons 1-3, and partial cds.//4.5e-83:495:90//AF036405
- F-HEMBA1006031
- 50 F-HEMBA1006035
- F-HEMBA1006036//Human (lambda) DNA for immunoglobulin light chain.//2.4e-59:652:74//D87009
- F-HEMBA1006042//Homo sapiens chromosome 10 clone CIT987SK-1057L21 map 10q25, complete sequence.//2.1e-43:330:7011AC005386
- F-HEMBA1006067//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.11:433:59//AC004153
- 55 F-HEMBA1006081
- F-HEMBA1006090//, complete sequence.//4.5e-139:748:92//AC005500
- F-HEMBA1006091//Homo sapiens gene encoding telethonin, exons 1 to 2, partial.//0.0091:346:62//AJ011098

- F-HEMBA1006100//Homo sapiens chromosome 10 clone CIT987SK-1143A11 map 10q25, complete sequence.//2.8e-18:180:78//AC005880
- 5 F-HEMBA1006108//Human DNA sequence from clone 889N15 on chromosome Xq22.1-22.3. Contains part of the gene for a novel protein similar to *X. laevis* Cortical Thymocyte-Marker CTX, the possibly alternatively spliced gene for 26S Proteasome subunit p28 (Ankyrin repeat protein), a novel gene and exons 36 through 45 of the COL4A6 for Collagen Alpha 6(IV). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence.//0.26:84:71//AL031177
- F-HEMBA1006121//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 691N24, WORKING DRAFT SEQUENCE.//5.2e-18:147:87//AL031672
- 10 F-HEMBA1006124//CIT-HSP-2355B17.TF CIT-HSP Homo sapiens genomic clone 2355B17, genomic survey sequence.//0.044:225:61//AQ058966
- F-HEMBA1006130//CIT-HSP-386A20.TF CIT-HSP Homo sapiens genomic clone 386A20, genomic survey sequence.//8.8e-07:173:69//B55085
- 15 F-HEMBA1006138//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence.//7.5e-22:164:75//AL022162
- F-HEMBA1006142//, complete sequence.//7.9e-125:586:99//AC005500
- F-HEMBA1006155//H.sapiens CpG island DNA genomic MseI fragment, clone 119b6, forward read cpg119b6.ft1a.//1.0:85:72//Z64428
- 20 F-HEMBA1006158//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds.//1.1e-185:852:99//AF048693
- F-HEMBA1006173//striatum enriched phosphatase=protein-tyrosine-phosphatase [rat, striata, mRNA, 2815 nt].//8.4e-50:642:73//S49400
- F-HEMBA1006182//Homo sapiens Chromosome 15q26.1 PAC clone pDJ105i19, complete sequence.//1.4e-22:194:74//AC005318
- 25 F-HEMBA1006198
- F-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence.//2.6e-175:836:98//AF070557
- F-HEMBA1006248//Pinctada fucata mRNA for insoluble protein, complete cds.//8.2e-05:359:61//D86074
- F-HEMBA1006252//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 531H16, WORKING DRAFT SEQUENCE.//0.98:397:58//AL031664
- 30 F-HEMBA1006253
- F-HEMBA1006259//HS_2231_A1_D10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2231 Col=19 Row=G, genomic survey sequence.//1.2e-11:233:68//AQ152722
- F-HEMBA1006268//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//5.2e-27:156:85//AC004673
- 35 F-HEMBA1006272//Human endogenous retrovirus gag mRNA.//8.1e-115:847:80//X72791
- F-HEMBA1006278//Mus musculus poly(A) polymerase VI mRNA, complete cds.//2.1e-57:665:70//U58134
- F-HEMBA1006283
- 40 F-HEMBA1006284//Streptomyces fradiae ty lactone synthase, starter module and modules 1-7, (tylG) gene, complete cds.//9.6e-06:623:60//U78289
- F-HEMBA1006291//HS_2208_A1_C03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=5 Row=E, genomic survey sequence.//1.2e-13:105:92//AQ091804
- F-HEMBA1006293//Sequence 8 from patent US 5721351.//5.6e-77:580:75//I89415
- F-HEMBA1006309//Caenorhabditis elegans cosmid F01F1.//1.1e-21:420:63//U13070
- 45 F-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA, complete cds.//6.8e-120:748:85//AF076183
- F-HEMBA1006328//Homo sapiens fragile X mental retardation protein (FMR-1) gene (6 alternative splices), complete cds.//1.5e-46:485:73//L29074
- F-HEMBA1006334//HS-1051-B2-F01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 773 Col=2 Row=L, genomic survey sequence.//0.0032:61:91//B40563
- 50 F-HEMBA1006344//HS-1009-A2-B02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 331 Col=4 Row=C, genomic survey sequence.//3.3e-09:218:66//B31420
- F-HEMBA1006347//Drosophila melanogaster males-absent on the first (mof) gene, complete cds.//1.6e-31:484:68//U71219
- 55 F-HEMBA1006349//HS-1054-A1-G06-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 776 Col=11 Row=M, genomic survey sequence.//5.4e-15:95:100//B41671
- F-HEMBA1006359//Human ZNF43 mRNA.//1.4e-115:823:81//X59244
- F-HEMBA1006364//Mouse mRNA for transforming growth factor-beta2.//2.7e-10:247:71//X57413

- F-HEMBA1006377//Mus musculus chromosome 7, clone 19K5, complete sequence.//3.0e-57:401:81//AC002327
- F-HEMBA1006380//CIT-HSP-2172K18.TF CIT-HSP Homo sapiens genomic clone 2172K18, genomic survey sequence.//1.3e-110:525:99//B92570
- F-HEMBA1006381//HS-1045-B2-F10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 828 Col=20 Row=L, genomic survey sequence.//4.4e-05:163:70//B37813
- F-HEMBA1006398//Homo sapiens 12q24.2 BAC RPC111-360E11 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//3.8e-62:370:86//AC004806
- F-HEMBA1006416//Homo sapiens chromosome 5, P1 clone 1041F10 (LBNL H88), complete sequence.//3.7e-15:157:78//AC005179
- F-HEMBA1006419//Human DNA sequence from clone 71L16 on chromosome Xp11. Contains a probable Zinc Finger protein (pseudo)gene, an unknown putative gene, a pseudogene with high similarity to part of antigen KI-67, a putative Chondroitin 6-Sulfotransferase LIKE gene and a KIAA0267 LIKE putative Na(+)/H(+) exchanger protein gene. Contains a predicted CpG island, ESTs, STSs and GSSs and genomic markers DXS1003 and DXS1055, complete sequence.//1.2e-39:752:63//AL022165
- F-HEMBA1006421//Homo sapiens chromosome 14q24.3 clone BAC270M14 transforming growth factor-beta 3 (TGF-beta 3) gene, complete cds; and unknown genes.//2.4e-41:438:76//AF107885
- F-HEMBA1006424//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence.//0.027:293:64//AL031781
- F-HEMBA1006426//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 292E10, WORKING DRAFT SEQUENCE.//1.7e-50:310:80//Z93930
- F-HEMBA1006438//Liverwort Marchantia polymorpha chloroplast genome DNA.//0.051:440:59//X04465
- F-HEMBA1006445//Felis catus ras p21 (H-ras) mRNA, partial cds.//1.0:238:59//U62088
- F-HEMBA1006446//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P6, WORKING DRAFT SEQUENCE.//2.4e-05:702:58//AL031749
- F-HEMBA1006461//Homo sapiens chromosome 19, cosmid R30676, complete sequence.//8.6e-55:409:83//AC004560
- F-HEMBA1006467//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//1.0:293:59//AC006120
- F-HEMBA1006471//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.4e-05:731:59//AC004709
- F-HEMBA1006474//CIT-HSP-2017H3.TF CIT-HSP Homo sapiens genomic clone 2017H3, genomic survey sequence.//5.2e-60:435:83//B54247
- F-HEMBA1006483//Homo sapiens chromosome 5, BAC clone 8e5 (LBNL H167), complete sequence.//2.9e-48:286:84//AC004752
- F-HEMBA1006485//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete sequence.//0.96:283:59//AC006031
- F-HEMBA1006486//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//1.8e-14:259:67//AL022577
- F-HEMBA1006489//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467K16, WORKING DRAFT SEQUENCE.//6.6e-11:595:61//AL031283
- F-HEMBA1006492//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//6.0e-122:337:100//AC005828
- F-HEMBA1006494//Homo sapiens chromosome 7qtel0 BAC E3, complete sequence.//3.8e-23:459:68//AF093117
- F-HEMBA1006497//HS_3023_B2_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3023 Col=6 Row=P, genomic survey sequence.//2.3e-81:433:95//AQ093846
- F-HEMBA1006502//H.sapiens 7SL repeat (clones 2-19b).//1.6e-13:86:87//X62364
- F-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds.//2.3e-139:470:98//AB014566
- F-HEMBA1006521//Human BAC clone RG167B05 from 7q21, complete sequence.//4.3e-27:406:71//AC003991
- F-HEMBA1006530//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//2.9e-27:408:65//AL031650
- F-HEMBA1006535//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.028:599:60//AL034557
- F-HEMBA1006540//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds.//1.4e-171:654:98//AF093419

- F-HEMBA1006546//Human DNA sequence from cosmid 232L22, between markers DXS366 and DXS87 on chromosome X contains ESTs glycerol kinase pseudogene.//3.8e-104:811:80//Z73986
- F-HEMBA1006559//Mus musculus PRAJA1 (Praja1) mRNA, complete cds.//4.8e-99:386:82//U06944
- F-HEMBA1006562//Human fructose-1,6-biphosphatase (FBP1) gene, exon 1.//0.012:322:60//U21925
- 5 F-HEMBA1006566//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.0026:580:58//AC005504
- F-HEMBA1006569//Ovis aries beta actin mRNA, complete cds.//6.3e-08:231:70//U39357
- F-HEMBA1006579//CIT-HSP-2380A22.TR CIT-HSP Homo sapiens genomic clone 2380A22, genomic survey sequence.//0.036:250:62//AQ197107
- 10 F-HEMBA1006583//Mycobacterium tuberculosis H37Rv complete genome; segment 143/162.//1.0:225:63//AL021841
- F-HEMBA1006595//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//3.6e-50:689:69//AL022156
- F-HEMBA1006597//Homo sapiens Chromosome 7 BAC Clone 239c10, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.9e-42:253:84//AC004166
- 15 F-HEMBA1006612//RPC111-88F20.TJ RPC111 Homo sapiens genomic clone R-88F20, genomic survey sequence.//1.1e-51:266:98//AQ286726
- F-HEMBA1006617//HS_2193_B2_H07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2193 Col=14 Row=P, genomic survey sequence.//1.1e-59:413:85//AQ299685
- 20 F-HEMBA1006624//Human DNA sequence from clone 406A7 on chromosome 6q23-24. Contains three pseudogenes similar to Elongation Factor 1-Alpha (EF-1-ALPHA, Statin S1), 60S Acidic Ribosomal Protein P1 and NADH-Ubiquinone Oxidoreductase 15 kDa subunit, and part of the Microtubule Associated Protein E-MAP-115 gene. Contains ESTs, STSs and GSSs, complete sequence.//1.4e-35:257:89//AL023284
- F-HEMBA1006631//Homo sapiens Chromosome 11q23 PAC clone pDJ356d6, complete sequence.//9.6e-112:800:83//AC002036
- 25 F-HEMBA1006635//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.15:393:58//AL031745
- F-HEMBA1006639//Petromyzon marinus polyadenylate binding protein (PABP) mRNA, complete cds.//9.6e-15:318:68//AF032896
- 30 F-HEMBA1006643//Homo sapiens clone DJ0902E20, WORKING DRAFT SEQUENCE, 1 unordered pieces.//0.58:254:65//AC006148
- F-HEMBA1006648//Mus musculus integrin binding protein kinase mRNA, complete cds.//1.5e-37:108:88//U94479
- F-HEMBA1006652//Homo sapiens chromosome 5, BAC clone 343g16 (LBNL H180), complete sequence.//1.3e-154:671:96//AC005601
- 35 F-HEMBA1006653
- F-HEMBA1006659//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//5.2e-110:254:93//AC005189
- F-HEMBA1006665//Homo sapiens Xp22 BAC GSHB-590J6 (Genome Systems Human BAC library) complete sequence.//1.4e-14:177:76//AC004554
- 40 F-HEMBA1006674//Homo sapiens mRNA for nucleolar protein hNop56.//5.5e-15:122:90//Y12065
- F-HEMBA1006676//Homo sapiens chromosome 19, fosmid 37502, complete sequence.//0.098:218:63//AC004755
- F-HEMBA1006682//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 668J24, WORKING DRAFT SEQUENCE.//1.4e-05:719:57//AL034346
- 45 F-HEMBA1006695//Homo sapiens clone DJ0935K16, complete sequence.//3.1e-22:151:78//AC006011
- F-HEMBA1006696//CITBI-E1-2522D16.TF CITBI-E1 Homo sapiens genomic clone 2522D16, genomic survey sequence.//5.6e-17:324:66//AQ280738
- F-HEMBA1006708
- F-HEMBA1006709
- 50 F-HEMBA1006717//Homo sapiens clone GS308H05, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.3e-08:136:79//AC005537
- F-HEMBA1006737//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//5.8e-162:497:98//AC005828
- F-HEMBA1006744//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//7.4e-48:320:87//AC004796
- 55 F-HEMBA1006754//Human DNA sequence from PAC 82J11 and cosmid U134E6 on chromosome Xq22. Contains NIK like and Thyroxin-binding globulin precursor (T4-binding globulin, TBG) genes, ESTs and STSs.//4.1e-129:804:85//Z83850

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F-HEMBA1006758//Homo sapiens chromosome 5, BAC clone 182a8 (LBNL H161), complete sequence.//2.2e-162:766:99//AC005752

F-HEMBA1006767//Human Xq28 cosmid U247A3 from LLOXNC01 X chromosome library, complete sequence.//1.2e-19:326:69//U73465

5 F-HEMBA1006779//Human DNA sequence from clone 80119 on chromosome 6p21.31-22.2 Contains genes and pseudogenes for olfactory receptor-like proteins, STS, GSS, complete sequence.//1.4e-103:355:87//AL022727

F-HEMBA1006780//CIT-HSP-2359P7.TR CIT-HSP Homo sapiens genomic clone 2359P7, genomic survey sequence.//0.072:147:68//AQ077208

10 F-HEMBA1006789//nbxb0037113r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0037113r, genomic survey sequence.//0.00011:288:63//AQ290474

F-HEMBA1006795//CIT-HSP-2307E3.TF CIT-HSP Homo sapiens genomic clone 2307E3, genomic survey sequence.//5.1e-80:420:96//AQ020511

F-HEMBA1006796//Human clone 23803 mRNA, partial cds.//4.5e-06:202:68//U79298

F-HEMBA1006807//Homo sapiens mRNA for SPOP.//1.2e-66:651:73//AJ000644

15 F-HEMBA1006821//Homo sapiens chromosome 17, clone hRPC.62_O_9, complete sequence.//6.0e-116:541:99//AC004797

F-HEMBA1006824//Homo sapiens chromosome 19, cosmid R29368, complete sequence.//0.40:159:66//AC004262

F-HEMBA1006832//Homo sapiens (subclone 3_g8 from P1 H25) DNA sequence, complete sequence.//1.8e-24:323:71//AC002196

20 F-HEMBA1006849//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 4/10.//0.15:403:60//AB020872

F-HEMBA1006865//Plasmodium falciparum chromosome 2, section 6 of 73 of the complete sequence.//0.20:472:57//AE001369

25 F-HEMBA1006877//Mus musculus clone OST9241, genomic survey sequence.//3.4e-79:641:76//AF046757

F-HEMBA1006885//HS_2208_B2_G06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=12 Row=N, genomic survey sequence.//4.9e-18:206:76//AQ089246

F-HEMBA1006900//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS, complete sequence.//5.4e-07:298:65//AL031321

30 F-HEMBA1006914//S.pombe chromosome II cosmid c16H5.//0.00040:194:66//AL022104

F-HEMBA1006921//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//1.1e-174:813:99//AC006027

F-HEMBA1006926//Caenorhabditis elegans cosmid ZK185.//0.0075:183:65//AF036704

F-HEMBA1006929//P.falciparum complete gene map of plastid-like DNA (IR-A).//4.0e-06:739:57//X95275

35 F-HEMBA1006936

F-HEMBA1006938//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P4, WORKING DRAFT SEQUENCE.//1.1e-05:733:57//AL031747

F-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein.//1.3e-90:437:98//AJ010841

F-HEMBA1006949//Human DNA sequence from PAC 363L9 on chromosome X. contains STS and polymorphic CA repeat.//0.67:217:62//Z82205

40 F-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//5.6e-143:740:94//AF004828

F-HEMBA1006976//cDNA encoding alpha 2 to 3 sialyltransferase.//2.8e-101:338:89//E06058

F-HEMBA1006993//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//7.1e-31:536:66//AC003071

45 F-HEMBA1006996//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE.//9.5e-07:285:60//Z82209

F-HEMBA1007002//Genomic sequence for Arabidopsis thaliana BAC F20N2, complete sequence.//0.99:388:58//AC002328

50 F-HEMBA1007017//Sequence 3 from Patent WO9416067.//0.96:220:62//A39358

F-HEMBA1007018//G.gallus mRNA for dynein light chain-A.//1.3e-124:838:83//X79088

F-HEMBA1007045

F-HEMBA1007051//Caenorhabditis elegans cosmid Y57G11C, complete sequence.//0.17:343:60//Z99281

F-HEMBA1007052//Homo sapiens FSHD-associated repeat DNA, proximal region.//4.3e-67:659:74//U85056

55 F-HEMBA1007062//Tubulin gene.//1.0:113:67//A18572

F-HEMBA1007066//HS_3116_A2_A03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3116 Col=6 Row=A, genomic survey sequence.//0.80:214:62//AQ140467

F-HEMBA1007073//Homo sapiens 12q13 PAC RPC11-316M24 (Roswell Park Cancer Institute Human PAC library)

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complete sequence.//9.3e-54:519:68//AC004242
F-HEMBA1007078//CIT-HSP-2318N6.TF CIT-HSP Homo sapiens genomic clone 2318N6, genomic survey sequence.//8.7e-80:387:98//AQ044076
F-HEMBA1007080
5 F-HEMBA1007085//Streptomyces coelicolor cosmid 7A1.//3.5e-06:496:59//AL034447
F-HEMBA1007087//Plasmodium falciparum MAL3P6, complete sequence.//7.4e-07:553:56//Z98551
F-HEMBA1007112//HS_2171_A1_B01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2171 Col=1 Row=C, genomic survey sequence.//1.0:172:61//AQ091865
F-HEMBA1007113//Human DNA sequence from clone 1044O17 on chromosome Xp11.3-11.4 Contains GSS and
10 STS, complete sequence.//0.54:502:56//AL023875
F-HEMBA1007121//Caenorhabditis elegans cosmid ZK430.//1.4e-08:265:64//U42833
F-HEMBA1007129//CITBI-E1-2504A5.TF CITBI-E1 Homo sapiens genomic clone 2504A5, genomic survey sequence.//0.97:267:62//AQ264035
F-HEMBA1007147//HS_3208_A2_C04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3208 Col=8 Row=E, genomic survey sequence.//9.1e-90:466:95//AQ176696
15 F-HEMBA1007149//Homo sapiens chromosome 19, cosmid F23149, complete sequence.//6.0e-138:524:98//AC005239
F-HEMBA1007151//CITBI-E1-2522H6.TF CITBI-E1 Homo sapiens genomic clone 2522H6, genomic survey sequence.//2.0e-20:157:87//AQ280780
20 F-HEMBA1007174//Homo sapiens epsin 2a mRNA, complete cds.//2.0e-62:318:97//AF062085
F-HEMBA1007178//Homo sapiens chromosome 12p13.3 clone RPC11-372B4, WORKING DRAFT SEQUENCE, 129 ordered pieces.//1.6e-21:205:80//AC005911
F-HEMBA1007194//HS_3124_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3124 Col=16 Row=P, genomic survey sequence.//1.3e-11:87:96//AQ187492
25 F-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds.//1.7e-156:478:98//D86987
F-HEMBA1007206//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence.//0.024:342:63//AC004223
F-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds.//5.0e-176:839:98//AB018340
F-HEMBA1007243//Chinese hamster hprt mRNA, complete cds.//4.3e-58:687:68//J00060
30 F-HEMBA1007251//Rabbit troponin T messenger fragment (aa 49 to 129).//0.084:177:62//V00899
F-HEMBA1007256//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 328E19, WORKING DRAFT SEQUENCE.//1.3e-75:490:88//AL022240
F-HEMBA1007267//HS_3218_A1_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=13 Row=K, genomic survey sequence.//2.9e-62:393:87//AQ181128
35 F-HEMBA1007273//CIT-HSP-2171B10.TF CIT-HSP Homo sapiens genomic clone 2171B10, genomic survey sequence.//1.1e-63:314:99//B95401
F-HEMBA1007279//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-116A10, complete sequence.//3.1e-31:401:72//AC004638
F-HEMBA1007281//HS_3115_A1_A11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3115 Col=21 Row=A, genomic survey sequence.//5.0e-70:372:96//AQ186691
40 F-HEMBA1007288//Human DNA sequence from clone 422G23 on chromosome 6q24 Contains EST, STS, GSS, CpG island, complete sequence.//1.2e-152:727:98//AL031003
F-HEMBA1007300//Canis familiaris PDE5 mRNA for 3',5'-Cyclic GMP Phosphodiesterase, complete cds.//2.1e-21:542:63//AB008467
45 F-HEMBA1007301//COL1A1=type I collagen pro alpha 1(I) chain propeptide {3' region} [human, fetal cells 86-237, 86-146, 88-251, mRNA Partial Mutant, 855 nt].//1.7e-08:388:61//S64596
F-HEMBA1007319//Genomic sequence from Mouse 9, complete sequence.//6.0e-84:390:75//AC000399
F-HEMBA1007320
F-HEMBA1007322//Homo sapiens BAC clone RG118E13 from 7p15-p21, complete sequence.//0.091:260:64//AC004485
50 F-HEMBA1007327//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.12:472:59//AC005140
F-HEMBA1007341//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//1.5e-18:408:64//AC006120
55 F-HEMBA1007342//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//8.7e-25:500:62//AC005377
F-HEMBA1007347//Homo sapiens chromosome 5, BAC clone 7g12 (LBNL H126), complete sequence.//0.75:269:61//AC005738

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F-HEM BB1000005//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//5.0e-05:441:60//AC004617

F-HEM BB1000008//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//1.0e-44:417:77//AC004491

5 F-HEM BB1000018//HS_2179_B2_E04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2179 Col=8 Row=J, genomic survey sequence.//0.012:87:77//AQ023250

F-HEM BB1000024//Human DNA sequence from PAC 106I20 on chromosome 22q12-qter contains NADH pseudogene, ESTs, STS.//8.1e-11:461:61//Z81369

10 F-HEM BB1000025//CIT-HSP-2348F3.TR CIT-HSP Homo sapiens genomic clone 2348F3, genomic survey sequence.//0.96:198:62//AQ062938

F-HEM BB1000030//Homo sapiens DNA sequence from PAC 32F7 on chromosome X. Contains NUCLEOSOME ASSEMBLY PROTEIN 1-LIKE 3, ESTs.//0.00049:276:64//AL009173

F-HEM BB1000036//H.sapiens chromosome 22 CpG island DNA genomic Mse1 fragment, clone 302e2, reverse read 302e2.r.//0.0057:66:81//Z79857

15 F-HEM BB1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//1.9e-100:450:98//AF084928

F-HEM BB1000039//HS_2167_B1_F12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2167 Col=23 Row=L, genomic survey sequence.//0.022:108:69//AQ092404

F-HEM BB1000044//Borrelia burgdorferi (section 50 of 70) of the complete genome.//1.0e-07:486:61//AE001164

20 F-HEM BB1000048//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//5.3e-05:585:58//AC005507

F-HEM BB1000050//Homo sapiens DNA sequence from clone 501N12 on chromosome 6p22.1-22.3 Contains a gene almost identical to four genes of unknown function, a pseudogene, three (pseudo?) genes similar to genes of unknown function, an unknown gene similar to a rat EST, a PX19 LIKE pseudogene and another unknown gene.

25 Contains ESTs, STSs and GSSs, complete sequence.//5.8e-38:549:67//AL022170

F-HEM BB1000054//Homo sapiens Xp22 PAC RPC11-167A22 (from Roswell Park Cancer Center) complete sequence.//7.0e-98:328:83//AC002349

F-HEM BB1000055//Homo sapiens genomic DNA for centromeric end of MHC class I region on chromosome 6, cosmid clone: TY2F10, WORKING DRAFT SEQUENCE.//3.7e-05:600:58//AB000880

30 F-HEM BB1000059//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces.//1.3e-48:472:78//AC005096

F-HEM BB1000083

F-HEM BB1000089//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.0036:679:56//AL031744

35 F-HEM BB1000099//Homo sapiens chromosome 18 BAC RPC111-128D14 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//1.1e-15:312:68//AC005909

F-HEM BB1000103//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.0e-37:316:74//AC006210

F-HEM BB1000113//Homo sapiens chromosome 21q22.3 cosmid Q11M15, complete sequence.//3.1e-25:259:76//AF045450

40 F-HEM BB1000119//Homo sapiens ASMTL gene.//1.2e-137:654:98//Y15521

F-HEM BB1000136//Mycobacterium tuberculosis H37Rv complete genome; segment 127/162.//0.59:217:66//Z74697

F-HEM BB1000141//Homo sapiens DNA from chromosome 19q13.1 cosmid f14121 containing ATP4A and GADPH-2 genes, genomic sequence.//8.4e-31:113:88//AD000090

45 F-HEM BB1000144//Human BAC clone RG114A06 from 7q31, complete sequence.//4.4e-58:339:87//AC002542

F-HEM BB1000173//Homo sapiens 12q24 BAC RPC111-162P23 (Roswell Park Cancer Institute Human BAC library) complete sequence.//9.4e-160:562:93//AC002996

F-HEM BB1000175

50 F-HEM BB1000198//HS_3071_A2_A10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=20 Row=A, genomic survey sequence.//0.99:261:61//AQ137388

F-HEM BB1000215//Homo sapiens chromosome 17, clone hRPK.481_C_4, complete sequence.//6.7e-17:138:86//AC005839

F-HEM BB1000217//Arabidopsis thaliana ubiquitin activating enzyme (UBA1) gene, complete cds.//0.00083:287:60//U80808

55 F-HEM BB1000218//Caenorhabditis elegans cosmid C52A11, complete sequence.//0.90:337:56//Z46792

F-HEM BB1000226//Human DNA sequence from cosmid RJ14 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3. Contains ESTs and CpG island.//1.7e-90:175:92//Z69890

- F-HEMBB1000240//Human G-protein-coupled inwardly rectifying potassium channel (KCNJ3) gene, polymorphic repeat sequence.//0.16:171:62//U07918
- F-HEMBB1000244//Homo sapiens clone DJ1129E22, WORKING DRAFT SEQUENCE, 7 unordered pieces.//4.8e-08:355:63//AC005522
- 5 F-HEMBB1000250//Homo sapiens protein associated with Myc mRNA, complete cds.//6.6e-155:735:98//AF075587
- F-HEMBB1000258//Human adenosine monophosphate deaminase 1 (AMPD1) gene, exons 1-16.//0.58:396:59//M98818
- 10 F-HEMBB1000264//Human clone C3 CHL1 protein (CHLR1) mRNA, alternatively spliced, complete cds.//4.4e-32:100:100//U75968
- F-HEMBB1000266//Homo sapiens Xp22 BAC GSHB-433024 (Genome Systems Human BAC library) complete sequence.//3.8e-16:176:78//AC004470
- F-HEMBB1000272//Plasmodium falciparum chromosome 2, section 6 of 73 of the complete sequence.//0.011:379:58//AE001369
- 15 F-HEMBB1000274//Arabidopsis thaliana DNA chromosome 4, BAC clone T5K18 (ESSAll project).//0.92:272:61//AL022580
- F-HEMBB1000284//Human Xp22 BAC CT-285I15 (from CalTech/Research Genetics) , PAC RPCI1-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//0.00071:568:57//AC002366
- 20 F-HEMBB1000307//Human DNA sequence from PAC 29K1 on chromosome 6p21.3-22.2. Contains glutathione peroxidase-like; zinc finger, ESTs, mRNA, STS, tRNAs, olfactory receptor pseudogene.//3.0e-13:439:65//Z98745
- F-HEMBB1000312//Homo sapiens clone GS051M12, complete sequence.//0.031:252:65//AC005007
- F-HEMBB1000317//Fugu rubripes GSS sequence, clone 060J22aE10, genomic survey sequence.//0.00033:173:65//AL026242
- 25 F-HEMBB1000318//HS_3244_B2_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=20 Row=P, genomic survey sequence.//3.9e-85:438:95//AQ252951
- F-HEMBB1000335//Homo sapiens chromosome 18, clone hRPK.24_A_23, complete sequence.//0.63:285:61//AC005968
- F-HEMBB1000336
- 30 F-HEMBB1000337//Homo sapiens chromosome 4 clone B208G5 map 4q25, complete sequence.//0.0014:309:64//AC004051
- F-HEMBB1000338//HS_3108_A2_F07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3108 Col=14 Row=K, genomic survey sequence.//3.8e-09:331:63//AQ140356
- F-HEMBB1000339//Homo sapiens 12q24 PAC RPCI1-46F2 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.2e-52:295:77//AC002351
- 35 F-HEMBB1000341
- F-HEMBB1000343//Plasmodium falciparum MAL3P3, complete sequence.//0.00081:397:61//Z98547
- F-HEMBB1000354//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//9.1e-34:596:66//AL020989
- 40 F-HEMBB1000369//Genomic sequence from Human 17, complete sequence.//0.012:298:60//AC002090
- F-HEMBB1000374//Human Xp22 contig of 3 PACS (R7-39D12, R7-134G1, R7-185L21) from the Roswell Park Cancer Institute, complete sequence.//9.3e-69:294:89//U96409
- F-HEMBB1000376//Human DNA sequence from clone 751H9 on chromosome 6q13. Contains part of an unknown gene, ESTs, STSs and GSSs, complete sequence.//3.5e-54:352:88//AL034377
- 45 F-HEMBB1000391//Trichothecium roseum internal transcribed spacer 1, 5.8S ribosomal RNA gene; and internal transcribed spacer 2, complete sequence.//0.011:168:67//U51982
- F-HEMBB1000399//Homo sapiens Rad17-like protein (RAD17) mRNA, complete cds.//2.6e-163:762:98//AF076838
- F-HEMBB1000402//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//7.7e-15:466:63//AC002368
- 50 F-HEMBB1000404//Homo sapiens mRNA for myosin-IXA.//3.5e-65:324:98//AJ001714
- F-HEMBB1000420//244Kb Contig from Human Chromosome 11p15.5 spanning D11S1 through D11S25, complete sequence.//0.013:399:62//AC001228
- F-HEMBB1000434//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//6.1e-83:571:84//AC004263
- 55 F-HEMBB1000438//RPCI11-21E14.TP RPCI-11 Homo sapiens genomic clone RPCI-11-21E14, genomic survey sequence.//0.0030:295:63//B83110
- F-HEMBB1000441//Homo sapiens Chromosome 22q12 Cosmid Clone ll47g11, complete sequence.//2.5e-33:372:72//AC000035

- F-HEMBB1000449//Human DNA sequence from PAC 296K21 on chromosome X contains cytokeratin exon, delta-aminolevulinate synthase (erythroid); 5-aminolevulinic acid synthase.(EC 2.3.1.37). 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (EC 2.7.1.105, EC 3.1.3.46), ESTs and STS.//1.3e-51:534:72//Z83821
- 5 F-HEMBB1000455//*Saccharomyces cerevisiae* mitochondrion origin of replication (ori6) and oli1 gene, complete cds.//0.016:522:58//L36899
- F-HEMBB1000472
- F-HEMBB1000480
- F-HEMBB1000487//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 12803, WORKING DRAFT SEQUENCE.//0.00013:314:64//Z98742
- 10 F-HEMBB1000490//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//4.1e-110:529:98//AL034423
- F-HEMBB1000491//*Plasmodium falciparum* chromosome 2, section 25 of 73 of the complete sequence.//0.10:187:65//AE001388
- F-HEMBB1000493//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//3.7e-06:637:58//AL022577
- 15 F-HEMBB1000510//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//3.1e-96:737:81//AC005553
- 20 F-HEMBB1000518//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered pieces.//0.00014:163:68//AC004676
- F-HEMBB1000523//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from contig 3-105, complete sequence.//0.41:349:56//AL010212
- F-HEMBB1000530//H.sapiens mRNA for extracellular matrix protein collagen type XIV, C-terminus.//6.6e-37:138:96//Y11710
- 25 F-HEMBB1000550//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//3.9e-56:683:71//AB020860
- F-HEMBB1000554//Homo sapiens *** SEQUENCING IN PROGRESS *** , WORKING DRAFT SEQUENCE.//2.2e-51:282:84//AJ011929
- 30 F-HEMBB1000556//Homo sapiens mRNA for KIAA0750 protein, complete cds.//6.1e-32:537:65//AB018293
- F-HEMBB1000564
- F-HEMBB1000573//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//8.2e-33:268:73//AC005077
- F-HEMBB1000575//Human DNA sequence from clone 323M22 on chromosome 22q13.1-13.2. Contains the 5' part of the human ortholog of chicken P52 and mouse H74, and a novel gene coding for a protein similar to KIAA0173 and worm Tubulin Tyrosine Ligase. Contains ESTs, STSs, GSSs, genomic marker D22S418 and putative CpG islands, complete sequence.//5.8e-47:734:66//AL022476
- 35 F-HEMBB1000586//H.sapiens highly polymorphic microsatellite DNA.//0.030:147:67//X79883
- F-HEMBB1000589//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//6.3e-41:278:83//AC002300
- 40 F-HEMBB1000591//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence.//1.1e-182:871:98//AC005184
- F-HEMBB1000592//Hepatitis C virus genomic RNA, 3' nontranslated region, partial sequence. clone #19.//0.012:185:64//AF009074
- 45 F-HEMBB1000593//Homo sapiens chromosome 7q22 sequence, complete sequence.//1.2e-131:353:93//AF053356
- F-HEMBB1000598//Homo sapiens 12p13.3 BAC RPCI3-488H23 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//9.1e-58:600:72//AC006207
- F-HEMBB1000623//cDNA encoding Colioliol manganese peroxidase.//0.89:284:62//E12284
- 50 F-HEMBB1000630//*Mus musculus* clone NSAT47 nonsatellite RNA sequence.//1.9e-15:129:87//U26231
- F-HEMBB1000631//Sequence 26 from patent US 5708157.//3.2e-27:180:88//I80057
- F-HEMBB1000632//Human mRNA for KIAA0351 gene, complete cds.//1.6e-48:811:65//AB002349
- F-HEMBB1000637//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.1e-58:649:73//AC005478
- 55 F-HEMBB1000638//HS_3051_A1_G01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=1 Row=M, genomic survey sequence.//0.0032:497:56//AQ155234
- F-HEMBB1000643//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.4e-50:791:68//AC005077

- F-HEM BB1000649//Homo sapiens Chromosome 16 BAC clone CIT987-SK502C10, complete sequence.//5.2e-64:775:69//AC003009
- F-HEM BB1000652//Homo sapiens chromosome 10 clone CRI-JC2048 map 10q22.1, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.7e-52:334:89//AC006186
- 5 F-HEM BB1000665//Human DNA sequence from clone 452M16 on chromosome Xq21.1-21.33 Contains capping protein alpha subunit isoform 1 pseudogene, STS, GSS, and CA repeat, complete sequence.//0.0062:426:60//AL024493
- F-HEM BB1000671//Human DNA sequence from PAC 93H18 on chromosome 6 contains ESTs heterochromatin protein HP1Hs-gamma pseudogene, STS and CpG island.//9.6e-95:399:78//Z84488
- 10 F-HEM BB1000673//HS_3039_A2_C08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3039 Col=16 Row=E, genomic survey sequence.//3.8e-50:293:92//AQ155121
- F-HEM BB1000684//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 222E13, WORKING DRAFT SEQUENCE.//8.0e-65 :282:83//Z93241
- F-HEM BB1000693//Homo sapiens neuroan1 mRNA, complete cds.//1.6e-118:575:97//AF040723
- 15 F-HEM BB1000705//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//8.6e-07:251:61//AC005507
- F-HEM BB1000706//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORKING DRAFT SEQUENCE.//2.9e-20:434:64//AL031118
- F-HEM BB1000709//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 994L9, WORKING DRAFT SEQUENCE.//0.26:184:65//AL034554
- 20 F-HEM BB1000725//Rattus norvegicus GTPase Rab8b (Rab8b) mRNA, complete cds.//1.8e-129:692:93//U53475
- F-HEM BB1000726//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//2.7e-40:304:80//U91321
- F-HEM BB1000738//Human Xq28 cosmids U126G1, U142F2, U69B6, U145C10, U169A5, U84H1, U24D12, U80A7, U153E6, L35485, and R7-163A8 containing iduronate 2-sulfatase gene and pseudogene, complete sequence.//8.9e-35:582:63//AF011889
- 25 F-HEM BB1000749//Homo sapiens chromosome 11 clone CIT-HSP-1337H24, WORKING DRAFT SEQUENCE, 9 unordered pieces.//6.2e-46:262:89//AC005849
- F-HEM BB1000763//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING DRAFT SEQUENCE.//1.6e-99:316:98//AL034405
- 30 F-HEM BB1000770//Human DNA sequence from clone 80I19 on chromosome 6p21.31-22.2 Contains genes and pseudogenes for olfactory receptor-like proteins, STS, GSS, complete sequence.//0.044:325:60//AL022727
- F-HEM BB1000774
- F-HEM BB1000781//Sequence 3 from patent US 5753446.//1.2e-92:599:86//AR008277
- 35 F-HEM BB1000789//Homo sapiens mRNA for KIAA0677 protein, complete cds.//9.3e-64:672:71//AB014577
- F-HEM BB1000790//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.4e-41:460:74//AC004801
- F-HEM BB1000794//HS_3034_B2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3034 Col=24 Row=H, genomic survey sequence.//1.8e-74:378:97//AQ117099
- 40 F-HEM BB1000807//H.sapiens CpG island DNA genomic Mse1 fragment, clone 39d7, reverse read cpg39d7.rt1a.//8.5e-14:95:97//Z58412
- F-HEM BB1000810//H.sapiens chromosome 22 CpG island DNA genomic Mse1 fragment, clone 303a8, complete read.//3.2e-05:138:71//Z79983
- F-HEM BB1000821//HS_2168_B1_A12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2168 Col=23 Row=B, genomic survey sequence.//0.85 :208:60//AQ086361
- 45 F-HEM BB1000822//Human BAC clone GS113H23 from 5p15.2, complete sequence.//3.0e-06:361:60//AC003015
- F-HEM BB1000826//Human BAC clone RG180F08 from 7q31, complete sequence.//1.1e-27:360:69//AC002431
- F-HEM BB1000827
- F-HEM BB1000831
- 50 F-HEM BB1000835//Human DNA sequence from clone 4514 on chromosome 6q24.1-24.3. Contains two putative unknown genes, ESTs, STSs and GSSs, complete sequence.//0.00098:234:63//AL023581
- F-HEM BB1000840//Human Chromosome 11 Cosmid cSRL97a6, complete sequence.//4.5e-61:328:79//U73649
- F-HEM BB1000848//Homo sapiens DNA sequence from PAC 206D15 on chromosome 1q24. Contains a Reduced Folate Carrier protein (RFC) LIKE gene, a mitochondrial ATP Synthetase protein 8 (ATP8, MTATP8) LIKE pseudogene, an unknown gene and the last exon of the JEM1 gene coding for the Basic-Leucine Zipper nuclear factor JEM-1. Contains ESTs, an STS and a BAC end sequence (GSS), complete sequence.//9.7e-144:809:87//AL021068
- 55 F-HEM BB1000852//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING

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DRAFT SEQUENCE, 9 unordered pieces.//0.12:492:58//AC004157
 F-HEMBB1000870//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0024:212:67//AC004157
 F-HEMBB1000876//Homo sapiens ELISC-1 mRNA, partial cds.//1.5e-32:200:94//AF085351
 5 F-HEMBB1000883//HS_3065_B2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3065 Col=8 Row=F, genomic survey sequence.//0.0017:152:66//AQ137687
 F-HEMBB1000887
 F-HEMBB1000888//CIT-HSP-2329A10.TR CIT-HSP Homo sapiens genomic clone 2329A10, genomic survey se-
 quence.//1.5e-31:172:98//AQ044369
 10 F-HEMBB1000890
 F-HEMBB1000893//Plasmodium falciparum MAL3P2, complete sequence.//9.5e-06:768:56//AL034558
 F-HEMBB1000908//Homo sapiens clone DJ1119N05, complete sequence.//4.5e-21:199:82//AC004968
 F-HEMBB1000910//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
 DRAFT SEQUENCE.//0.72:366:59//AL034557
 15 F-HEMBB1000913//HS_3078_B1_C02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3078 Col=3 Row=F, genomic survey sequence.//9.9e-12:221:63//AQ144507
 F-HEMBB1000915//Homo sapiens DNA for (CGG)_n trinucleotide repeat region, isolate P4.//1.2e-49:252:99//
 AJ001215
 F-HEMBB1000917//Homo sapiens chromosome 5, P1 clone 254f11 (LBNL H62), complete sequence.//2.3e-42:
 20 316:76//AC006077
 F-HEMBB1000927//Human BDR-2 mRNA for hippocalcin, complete cds.//3.6e-30:528:65//D16593
 F-HEMBB1000947//CpG0856B CplOWAgDNA1 Cryptosporidium parvum genomic, genomic survey sequence.//
 0.81:262:62//AQ254493
 F-HEMBB1000959//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 346O6, WORKING
 25 DRAFT SEQUENCE.//1.2e-43:454:75//Z84487
 F-HEMBB1000973//Mus musculus schlafen2 (Slfn2) mRNA, complete cds.//8.3e-42:458:72//AF099973
 F-HEMBB1000975//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MBK5, complete sequence.//
 0.98:196:63//AB005234
 F-HEMBB1000981
 30 F-HEMBB1000985//Homo sapiens chromosome 19, cosmid R29388, complete sequence.//2.9e-06:566:57//
 AC004476
 F-HEMBB1000991//Human DNA sequence from PAC 238J17 on chromosome 6q22. Contains EST and STS.//
 0.099:391:57//Z98753
 F-HEMBB1000996//Human DNA sequence from BAC 999D10 on chromosome 22q13.3. Contains two BAC end-
 35 sequences (GSSs).//6.2e-33:227:80//Z94802
 F-HEMBB1001004
 F-HEMBB1001008//Human Chromosome 16 BAC clone CIT987SK-A-951C11, complete sequence.//4.0e-13:164:
 79//AC002551
 F-HEMBB1001011//Human Chromosome 16 BAC clone CIT987SK-A-635H12, complete sequence.//7.5e-13:229:
 40 69//AC002310
 F-HEMBB1001014//Homo sapiens chromosome 16, BAC clone 375G12 (LANL), complete sequence.//0.32:474:
 58//AC005751
 F-HEMBB1001020//Homo sapiens BAC clone 255A7 from 8q21 containing NBS1 gene, complete sequence.//
 2.6e-39:218:80//AF069291
 45 F-HEMBB1001024//Homo sapiens BAC clone 393I22 from 8q21, complete sequence.//5.3e-05:656:59//AF070717
 F-HEMBB1001037//CIT-HSP-2358K16.TF CIT-HSP Homo sapiens genomic clone 2358K16, genomic survey se-
 quence.//6.6e-05:228:64//AQ080539
 F-HEMBB1001047//Homo sapiens cosmids Qc14E2, Qc12H12, Qc11F9, Qc10G9, LA1733 and Qc17B8 from
 Xq28, complete sequence.//4.0e-27:385:71//U82671
 50 F-HEMBB1001051//H.sapiens mRNA for FAN protein.//1.2e-27:160:98//X96586
 F-HEMBB1001056//Homo sapiens clone DJ0953A04, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 2.3e-89:180:91//AC006014
 F-HEMBB1001058//Homo sapiens 3p22-8 PAC RPCI4-736H12 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//1.2e-41:468:74//AC006060
 55 F-HEMBB1001060//Human Tigger1 transposable element, complete consensus sequence.//4.3e-122:785:86//
 U49973
 F-HEMBB1001063//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 523G1, WORKING
 DRAFT SEQUENCE.//7.1e-162:770:99//AL034375

- F-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//3.1e-146:736:95//AF034803
- F-HEMBB1001096//Buchnera aphidicola genomic fragment containing (chaperone Hsp60) groEL, DNA biosynthesis initiating protein (dnaA), ATP operon (atpCDGAHFEB), and putative chromosome replication protein (gidA) genes, complete cds; and termination factor Rho (rho) gene, partial cds.//0.00088:690:57//AF008210
- 5 F-HEMBB1001102//Homo sapiens huntingtin interacting protein HYPH mRNA, partial cds.//2.1e-76:368:99//AF049612
- F-HEMBB1001105//CIT-HSP-2185N1.TR CIT-HSP Homo sapiens genomic clone 2185N1, genomic survey sequence.//1.0e-09:136:76//AQ002987
- F-HEMBB1001112//Rattus rattus sec61 homologue mRNA, complete cds.//1.0e-108:909:76//M96630
- 10 F-HEMBB1001114//Homo sapiens chromosome 17, clone hRPK.795_F_17, complete sequence.//7.2e-07:459:59//AC005284
- F-HEMBB1001117//HS_2178_B1_E12_MR CIT Approved-Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2178 Col=23 Row=J, genomic survey sequence.//7.8e-50:331:86//AQ068244
- F-HEMBB1001119//Human collagen type XII alpha-1 precursor (COL12A1) mRNA, complete cds.//1.6e-25:150:98//U73778
- 15 F-HEMBB1001126
- F-HEMBB1001133//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//2.8e-24:228:80//AC004673
- F-HEMBB1001137
- 20 F-HEMBB1001142//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//1.0e-40:231:76//AC004617
- F-HEMBB1001151//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//2.9e-47:640:67//AF015264
- F-HEMBB1001153//CIT-HSP-2359K11.TR CIT-HSP Homo sapiens genomic clone 2359K11, genomic survey sequence.//0.76:136:67//AQ075724
- 25 F-HEMBB1001169//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//9.9e-63:259:79//AL008712
- F-HEMBB1001175//Human mRNA for ankyrin motif, complete cds.//2.2e-34:509:66//D78334
- F-HEMBB1001177//CIT-HSP-2321I17.TR CIT-HSP Homo sapiens genomic clone 2321I17, genomic survey sequence.//5.9e-27:320:75//AQ036473
- 30 F-HEMBB1001182//RPCI11-30J5.TV RPCI-11 Homo sapiens genomic clone RPCI-11-30J5, genomic survey sequence.//5.7e-06:62:96//B85188
- F-HEMBB1001199
- F-HEMBB1001208//HS_2026_B1_C07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2026 Col=13 Row=F, genomic survey sequence.//0.00018:134:70//AQ229237
- 35 F-HEMBB1001209//CITBI-E1-2521F23.TF CITBI-E1 Homo sapiens genomic clone 2521F23, genomic survey sequence.//1.4e-95:464:98//AQ278357
- F-HEMBB1001210//HS_3102_A2_F09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3102 Col=18 Row=K, genomic survey sequence.//2.6e-90:446:98//AQ119196
- 40 F-HEMBB1001218//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796F18, WORKING DRAFT SEQUENCE.//1.0e-31:315:72//AL031291
- F-HEMBB1001221//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//9.7e-17:770:59//AC005504
- F-HEMBB1001234//H.sapiens CpG island DNA genomic Mse1 fragment, clone 39f9, forward read cpg39f9.f1e//4.0e-30:171:97//Z65435
- 45 F-HEMBB1001242//Homo sapiens mRNA for LAK-1, complete cds.//3.8e-30:458:67//AB005754
- F-HEMBB1001249//CIT-HSP-2375N19.TF CIT-HSP Homo sapiens genomic clone 2375N19, genomic survey sequence.//0.0076:250:63//AQ109087
- F-HEMBB1001253//Homo sapiens genomic DNA, chromosome 21q11.1, segment 3/28, WORKING DRAFT SEQUENCE.//0.0097:89:80//AP000032
- 50 F-HEMBB1001254//CIT-HSP-2320E5.TF CIT-HSP Homo sapiens genomic clone 2320E5, genomic survey sequence.//3.7e-54:284:97//AQ037173
- F-HEMBB1001267//Homo sapiens chromosome 17, clone hRPK.488_L_1, complete sequence.//3.5e-30:236:78//AC005303
- 55 F-HEMBB1001271//HS_3011_A1_G02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3011 Col=3 Row=M, genomic survey sequence.//5.2e-07:364:62//AQ214217
- F-HEMBB1001282//CIT-HSP-2356J20.TF CIT-HSP Homo sapiens genomic clone 2356J20; genomic survey sequence.//1.8e-16:109:97//AQ060969

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F-HEMBB1001288//R.norvegicus mRNA for gephyrin.//3.4e-18:194:77//X66366
F-HEMBB1001289//Genomic sequence from Human 9q34, complete sequence.//4.8e-66:434:74//AC000387
F-HEMBB1001294//HS_3039_B1_D01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3039 Col=1 Row=H, genomic survey sequence.//2.0e-90:437:99//AQ155035
5 F-HEMBB1001302
F-HEMBB1001304//CIT-HSP-2053E15.TF CIT-HSP Homo sapiens genomic clone 2053E15, genomic survey se-
quence.//2.2e-07:370:61//B69144
F-HEMBB1001314//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//5.7e-116:
663:85//U92703
10 F-HEMBB1001315//Homo sapiens chromosome 10 clone LA10NC01_40_G_3 map 10q26.1-10q26.2, WORKING
DRAFT SEQUENCE, 1 ordered pieces.//2.5e-33:328:77//AC006096
F-HEMBB1001317//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) com-
plete sequence.//1.4e-122:680:91//AC006210
F-HEMBB1001326//Homo sapiens BAC clone RG136N17 from 7p15-p21, complete sequence.//2.8e-09:518:60//
15 AC004129
F-HEMBB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.//3.7e-
56:458:79//D63850
F-HEMBB1001335//HS_3055_A1_H10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3055 Col=19 Row=O, genomic survey sequence.//1.0:222:63//AQ147384
20 F-HEMBB1001337//Human PAC clone DJ0093I03 from Xq23, complete sequence.//1.0e-74:319:85//AC003983
F-HEMBB1001339//Homo sapiens FSHD-associated repeat DNA, proximal region.//4.0e-135:856:87//U85056
F-HEMBB1001346//Human familial Alzheimer's disease (STM2) gene, complete cds.//3.3e-44:481:74//U50871
F-HEMBB1001348//Homo sapiens BAC clone NH0491B03 from 7p21-p15, complete sequence.//1.8e-17:210:73//
AC006041
25 F-HEMBB1001356//Homo sapiens clone RG252P22, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:
386:59//AC005079
F-HEMBB1001364//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//0.97:349:61//
AC004662
F-HEMBB1001366//Homo sapiens chromosome 10 clone CIT987SK-1188I5 map 10p11.2-10p12.1, complete se-
30 quence.//5.5e-161:766:98//AC005876
F-HEMBB1001367//Homo sapiens chromosome 17, clone hRPC.906_A_24, complete sequence.//3.0e-55:510:
76//AC004408
F-HEMBB1001369//Homo sapiens BAC clone RG163K11 from 7q31, complete sequence.//0.048:244:64//
AC005192
35 F-HEMBB1001380//Homo sapiens PAC clone DJ1102B04 from 7q11.23-7q21, complete sequence.//2.5e-26:257:
78//AC006204
F-HEMBB1001384//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds.//5.1e-99:571:89//
AF071314
F-HEMBB1001387//Leishmania tarentolae mitochondrial 12S ribosomal RNA gene.//7.1e-05:546:58//X02354
40 F-HEMBB1001394//Homo sapiens BAC clone GS421I03 from Xq25-q26, complete sequence.//4.0e-129:788:88//
AC005023
F-HEMBB1001410//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete
cds.//4.8e-11:632:59//AF045555
F-HEMBB1001424//Mus musculus Chromosome 4 BAC clone BacB6, complete sequence.//0.0012:435:59//
45 AC003019
F-HEMBB1001426//Homo sapiens clone DJ0736H05, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
3.8e-17:360:64//AC005482
F-HEMBB1001429//leucine aminopeptidase [cattle, kidney, mRNA, 2056 nt].//4.1e-114:668:88//S65367
F-HEMBB1001436//Homo sapiens FUT2 gene, intron 1, complete sequence.//2.3e-37:438:74//AB000931
50 F-HEMBB1001443//Bos taurus pyruvate dehydrogenase phosphatase mRNA, complete cds.//9.1e-92:550:88//
L18966
F-HEMBB1001449//Homo sapiens chromosome 5, PAC clone 228g9 (LBNL H142), complete sequence.//0.00024:
385:62//AC004768
F-HEMBB1001454//Homo sapiens chromosome 19, cosmid R34169, complete sequence.//0.84:577:57//
55 AC005790
F-HEMBB1001458//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered
pieces.//8.0e-40:377:78//AC000382
F-HEMBB1001463//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//0.011:482:

- 59//AF001549
F-HEM BB1001464//Human chromosome 16p13 BAC clone CIT987SK-3H8 complete sequence.//0.019:263:61//U91320
F-HEM BB1001482//Rattus norvegicus Olf-1/EBF associated Zn finger protein Roaz mRNA, alternatively spliced form, complete cds.//1.0e-30:521:66//U92564
- 5 F-HEM BB1001500//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.3e-31:479:71//AC004873
F-HEM BB1001521//Homo sapiens clone RG269P13, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.7e-51:680:70//AC005080
- 10 F-HEM BB1001527
F-HEM BB1001531//Homo sapiens Chromosome 22q11.2 Cosmid Clone 89h In DGCR Region, complete sequence.//1.3e-79:696:79//AC000089
F-HEM BB1001535//O. aries DNA for polymorphic marker 'OVINRA01' (339 bp).//0.00034:217:62//X89268
F-HEM BB1001536//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//0.54:266:60//AC004548
- 15 F-HEM BB1001537//Homo sapiens chromosome 19, cosmid R29368, complete sequence.//4.6e-25:784:61//AC004262
F-HEM BB1001555//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//6.9e-50:213:80//AC004605
- 20 F-HEM BB1001562//Homo sapiens clone NH0523H20, complete sequence.//0.46:269:60//AC005041
F-HEM BB1001564//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//1.7e-107:620:83//AL020989
F-HEM BB1001565//Homo sapiens BAC clone RG437L15 from 8q21, complete sequence.//2.4e-50:734:67//AC004003
- 25 F-HEM BB1001585//Human DNA sequence from clone 790B6 on chromosome 20p11.22-12.2. Contains STSs and GSSs, complete sequence.//1.4e-166:816:97//AL031677
F-HEM BB1001586
F-HEM BB1001588//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.6e-21:419:65//AC005261
- 30 F-HEM BB1001603
F-HEM BB1001618//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21. Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced transcripts, a Tubulin Beta LIKE pseudogene, a Connective tissue growth factor (NOV, GIG) LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete sequence.//4.5e-29:422:72//Z99289
- 35 F-HEM BB1001619//HS_3079_B1_A04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3079 Col=7 Row=B, genomic survey sequence.//0.0010:77:79//AQ123388
F-HEM BB1001630//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.2e-12:667:59//AC005089
F-HEM BB1001635//Plasmodium falciparum MAL3P7, complete sequence.//3.8e-05:475:57//AL034559
- 40 F-HEM BB1001637//Homo sapiens DNA sequence from PAC 934G17 on chromosome 1p36.21. Contains the alternatively spliced CLCN6 gene for chloride channel proteins CLC-6A (KIAA0046) -B, -C and -D, the alternatively spliced NPPA gene coding for Atrial Natriuretic Factor ANF precursor (Atrial Natriuretic peptide ANP, Prepronatriodilatin), the NPPB gene for Brain Natriuretic Protein BNP, and a pseudogene similar to SBF1 (and other Myotubularin-related protein genes). Contains ESTs, STSs and the genomic marker D1S2740, complete sequence.//9.2e-13:168:76//AL021155
- 45 F-HEM BB1001641//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MPO12, complete sequence.//0.00097:721:58//AB006702
F-HEM BB1001653//Homo sapiens chromosome 2 clone 101B6 map 2p11, complete sequence.//0.15:276:63//AC002038
- 50 F-HEM BB1001665//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//0.43:393:61//L14320
F-HEM BB1001668//F16C15-T7 IGF Arabidopsis thaliana genomic clone F16C15, genomic survey sequence.//0.040:275:60//B12308
F-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds.//7.2e-171:803:98//AB014546
- 55 F-HEM BB1001684//Sequence 1 from patent US 5700927.//7.5e-124:883:81//I86429
F-HEM BB1001685//CIT-HSP-2287O9.TF CIT-HSP Homo sapiens genomic clone 2287O9, genomic survey sequence.//2.3e-34:191:97//B99261
F-HEM BB1001695//Human DNA sequence from clone 431P23 on chromosome 6q27. Contains the first coding

exon of the MLLT4 gene for myeloid/lymphoid or mixed-lineage leukemia (trithorax (*Drosophila*) homolog); translocated to, 4 (AF-6, Afadin, MLLT-4, ALL-1 fusion partner), and a Serine Palmitoyltransferase 2 (EC 2.3.1.50, Long Chain Base Biosynthesis protein 2, LCB-2, SPT-2) pseudogene. Contains ESTs, STss, GSSs, and a putative CpG island, complete sequence.//0.0091:334:63//AL009178

5 F-HEMBB1001704//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STSs, GSSs and genomic marker DXS8098, complete sequence.//1.2e-17:144:87//AL023575

F-HEMBB1001706

F-HEMBB1001707//Guinea pig CD19 mRNA, complete cds.//0.57:232:62//M62543

F-HEMBB1001717//*Saccharomyces cerevisiae* mitochondrial tRNA-Tyr, tRNA-Asn, & amp; tRNA-Met genes.//1.1e-13:723:58//AJ223323

10 F-HEMBB1001735//Human PAC clone DJ0596O09 from 7p15, complete sequence.//1.3e-36:427:73//AC003074

F-HEMBB1001736//*S.pombe* chromosome II cosmid c4B4.//0.0085:479:57//AL023706

F-HEMBB1001747//Homo sapiens PAC clone DJ1002N02 from 7p21-p22, complete sequence.//4.0e-112:532:84//AC005376

15 F-HEMBB1001749//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence.//1.3e-98:395:82//AC005829

F-HEMBB1001753//*S.maximus* repeat region, 342bp.//4.2e-11:69:85//Z78099

F-HEMBB1001756//Homo sapiens full-length insert cDNA clone ZD86A11.//0.0015:302:62//AF088064

F-HEMBB1001760//*P.falciparum* complete gene map of plastid-like DNA (IR-A).//0.011:615:56//X95275

20 F-HEMBB1001762//CIT-HSP-2290J16.TF CIT-HSP Homo sapiens genomic clone 2290J16, genomic survey sequence.//0.84:208:64//AQ005184

F-HEMBB1001785//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE.//0.0019:469:60//AL031746

F-HEMBB1001797//Human heterogenous nuclear RNA W16W.//0.00012:83:86//X17272

25 F-HEMBB1001802//*Plasmodium falciparum* MAL3P7, complete sequence.//1.8e-11:538:60//AL034559

F-HEMBB1001812//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B8, WORKING DRAFT SEQUENCE.//1.0e-56:304:84//Z98882

F-HEMBB1001816//Homo sapiens chromosome 19, cosmid F24083, complete sequence.//3.6e-75:300:87//AC005204

30 F-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds.//2.3e-162:763:98//AF056209

F-HEMBB1001834//CIT-HSP-2291012.TF CIT-HSP Homo sapiens genomic clone 2291012, genomic survey sequence.//7.6e-08:73:94//AQ004168

F-HEMBB1001836//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//5.7e-30:297:79//AC004801

35 F-HEMBB1001839//Human Chromosome X, complete sequence.//0.016:293:63//AC004073

F-HEMBB1001850//*Plasmodium falciparum* 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.0027:812:58//AC005504

F-HEMBB1001863//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.3e-43:520:72//AC004581

40 F-HEMBB1001867//Human proto-oncogene tyrosine-protein kinase (ABL) gene, exon 1a and exons 2-10, complete cds.//1.7e-56:399:86//U07563

F-HEMBB1001868//*Rattus norvegicus* clone 923 polymeric immunoglobulin receptor mRNA 3' untranslated region, GA rich region, and microsatellites with GGA-triplet and GAA-triplet repeats.//6.1e-08:234:67//U01145

45 F-HEMBB1001869//Homo sapiens full-length insert cDNA clone YT86F01.//7.4e-87:432:97//AF085974

F-HEMBB1001872

F-HEMBB1001874//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.4e-14:631:61//AC005000

F-HEMBB1001875//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE.//0.93:415:57//Z82209

50 F-HEMBB1001880//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//1.0e-18:729:60//Z93403

F-HEMBB1001899//*Plasmodium falciparum* DNA *** SEQUENCING IN PROGRESS *** from contig 4-10, complete sequence.//0.0038:425:58//AL010216

55 F-HEMBB1001905//*S.pombe* chromosome III cosmid c330.//1.1e-23:520:62//AL031603

F-HEMBB1001906

F-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds.//3.7e-82:672:81//U47742

- F-HEM BB1001910//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0033:566:55//AC005505
- F-HEM BB1001911//Arabidopsis thaliana chromosome II BAC F26C24 genomic sequence, complete sequence.//1.0:581:58//AC004705
- 5 F-HEM BB1001915//Caenorhabditis elegans cosmid T05H10, complete sequence.//1.2e-16:283:67//Z47812
- F-HEM BB1001921//Homo sapiens chromosome 17, clone hCIT.123_J_14, complete sequence.//3.4e-07:803:58//AC003950
- F-HEM BB1001922//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence.//5.0e-06:756:56//AE001391
- 10 F-HEM BB1001925//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate receptor, CpG island, CA repeat.//3.1e-45:609:73//AL009181
- F-HEM BB1001930//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 10/11.//3.2e-158:745:99//AB020867
- F-HEM BB1001944//, complete sequence.//4.1e-60:638:73//AC005815
- 15 F-HEM BB1001945//HS_3185_B1_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3185 Col=9 Row=N, genomic survey sequence.//1.0:280:58//AQ188882
- F-HEM BB1001947//Human mRNA for KIAA0392 gene, partial cds.//5.6e-20:333:66//AB002390
- F-HEM BB1001950//Human lipocortin (LIP) 2 gene, upstream region.//0.0094:180:63//M62899
- 20 F-HEM BB1001952//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 101A4, WORKING DRAFT SEQUENCE.//5.4e-19:329:70//Z93341
- F-HEM BB1001953//Homo sapiens chromosome 17, clone hRPK.795_F_17, complete sequence.//0.11:589:58//AC005284
- F-HEM BB1001957//Human DNA sequence from PAC 204E5 on chromosome 12. Contains exon similar to Wilms' Tumour-related protein QM-like P2X-like receptor, ATP ligand gated ion channel, ESTs, CpG island.//9.8e-25:446:67//Z98941
- 25 F-HEM BB1001962//Homo sapiens chromosome 16, BAC clone 462G18 (LANL), complete sequence.//2.8e-147:727:97//AC005736
- F-HEM BB1001967//Homo sapiens clone DJ1102A12, WORKING DRAFT SEQUENCE, 15 unordered pieces.//3.2e-56:650:71//AC004963
- 30 F-HEM BB1001973//Homo sapiens chromosome 12p13.3-clone RPC11-350L7, WORKING DRAFT SEQUENCE, 72 unordered pieces.//1.2e-42:327:84//AC005844
- F-HEM BB1001983//CIT-HSP-2315M4.TF CIT-HSP Homo sapiens genomic clone 2315M4, genomic survey sequence.//8.8e-35:198:96//AQ028071
- F-HEM BB1001988//D.polychroa microsatellite sequence (clone Dp 1C e12).//4.5e-07:337:62//X92189
- 35 F-HEM BB1001990//HS_3234_A1_G08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3234 Col=15 Row=M, genomic survey sequence.//0.039:279:59//AQ204689
- F-HEM BB1001996//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191J18, WORKING DRAFT SEQUENCE.//0.18:392:58//AL024507
- F-HEM BB1001997//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//1.3e-43:446:71//AC005069
- 40 F-HEM BB1002002//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.077:444:58//AC004153
- F-HEM BB1002005//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 963K23, WORKING DRAFT SEQUENCE.//3.4e-16:173:78//AL031685
- 45 F-HEM BB1002009//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00033:790:56//AC005506
- F-HEM BB1002015//Homo sapiens genomic DNA, chromosome 21q11.1, segment 27/28, WORKING DRAFT SEQUENCE.//6.7e-05:126:76//AP000056
- F-HEM BB1002042//Oncorhynchus mykiss cytochrome P450 (CYP4V1) mRNA, partial cds.//6.4e-33:402:69//AF046012
- 50 F-HEM BB1002043
- F-HEM BB1002044//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//3.0e-167:809:97//AC005740
- F-HEM BB1002045
- 55 F-HEM BB1002049//Homo sapiens chromosome 17, clone hRPC.161_P_9, complete sequence.//0.87:177:65//AC006237
- F-HEM BB1002050//Streptomyces coelicolor cosmid D78.//8.5e-08:644:58//AL034355
- F-HEM BB1002068//Homo sapiens mRNA for KIAA0612 protein, partial cds.//2.5e-05:402:61//AB014512

- F-HEMBB1002069
F-HEMBB1002092//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B33108; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//7.8e-104:550:83//AC004064
F-HEMBB1002094//Homo sapiens genomic DNA, 21q region, clone: 125H6N2, genomic survey sequence.//2.9e-49:302:83//AG001476
- 5 F-HEMBB1002115//Homo sapiens chromosome 16, cosmid clone 378E2 (LANL), complete sequence.//0.00023:542:61//AC004035
F-HEMBB1002134//Human h-neuro-d4 protein mRNA, complete cds.//7.3e-43:533:70//U43843
F-HEMBB1002139//HS-1048-A2-B02-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 831 Col=4 Row=C, genomic survey sequence.//0.055:228:66//B38714
- 10 F-HEMBB1002142//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P5, WORKING DRAFT SEQUENCE.//0.0095:276:64//AL031748
F-HEMBB1002152//Human Chromosome X, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.055:520:57//AC002421
- 15 F-HEMBB1002189//Homo sapiens cosmid ICRFc104I0935Q8 from Xq28, complete sequence.//2.6e-05:311:63//AF002998
F-HEMBB1002190//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//5.4e-05:647:59//AC005140
F-HEMBB1002193//Sequence 5 from patent US 5709858.//1.8e-34:179:100//I80846
- 20 F-HEMBB1002217//Homo sapiens mRNA for zinc finger protein 10.//1.2e-23:405:67//X52332
F-HEMBB1002218//HS_2056_B1_C09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2056 Col=17 Row=F, genomic survey sequence.//3.3e-45:245:97//AQ244711
F-HEMBB1002232//Human chromosome 11 72g7 cosmid, complete sequence.//1.9e-21:314:70//U73648
F-HEMBB1002247
- 25 F-HEMBB1002249//Homo sapiens DNA sequence from BAC 34I8 on chromosome 6p21.3-22.1. Contains ZNF184 gene coding for Kruppel related Zinc Finger protein 184, a hnRNP core protein A1 (mouse Fli-2, rat helix destabilizing protein, mouse Topoisomerase-inhibitor suppressed gene TIS) LIKE pseudogene, a HB15 (CD83 antigen precursor) LIKE pseudogene, Ser-tRNA, Glu-tRNA and Met-tRNA (Met-tRNA-i gene 1) genes. Contains ESTs, STSs and GSSs, complete sequence.//4.1e-45:327:83//AL021918
- 30 F-HEMBB1002254//Human chromosome 16 BAC clone LANL cosmid-440E5, WORKING DRAFT SEQUENCE, 2 unordered pieces.//9.8e-40:315:82//AC002506
F-HEMBB1002255//Plasmodium falciparum MAL3P3, complete sequence.//0.0035:312:62//Z98547
F-HEMBB1002266//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.013:469:59//AC005504
- 35 F-HEMBB1002280//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-259H10, complete sequence.//5.3e-18:527:61//AC004682
F-HEMBB1002300//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//8.6e-139:818:88//U73642
F-HEMBB1002306//HS_3109_A2_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3109 Col=2 Row=O, genomic survey sequence.//1.3e-75:371:98//AQ148164
- 40 F-HEMBB1002327//HS_3235_B2_G10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=20 Row=N, genomic survey sequence.//3.3e-83:418:97//AQ209752
F-HEMBB1002329//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//3.3e-31:220:88//AQ263402
- 45 F-HEMBB1002340
F-HEMBB1002342//Homo sapiens mRNA for putative thioredoxin-like protein.//4.1e-154:724:98//AJ010841
F-HEMBB1002358//Human thymidylate kinase (CDC8) mRNA, complete cds.//3.3e-36:192:98//L16991
F-HEMBB1002359//Human Rev interacting protein Rip-1 mRNA, complete cds.//1.8e-13:96:96//U55766
- 50 F-HEMBB1002364//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 376D21, WORKING DRAFT SEQUENCE.//7.5e-24:202:71//Z98946
F-HEMBB1002371//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.9e-06:674:56//AC004153
F-HEMBB1002381//Homo sapiens chromosome 16, cosmid clone RT163 (LANL), complete sequence.//0.34:238:61//AC005222
- 55 F-HEMBB1002383
F-HEMBB1002387//CIT-HSP-2173E20.TR CIT-HSP Homo sapiens genomic clone 2173E20, genomic survey sequence.//5.2e-17:434:66//B91052
F-HEMBB1002409//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3

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precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//1.2e-56:324:88//AL008712
 F-HEMBB1002415//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 364I1, WORKING
 DRAFT SEQUENCE.//8.9e-35:334:75//AL031319
 F-HEMBB1002425//Chromosome 22q13 BAC Clone CIT987SK-384D8 complete sequence.//1.0e-36:317:76//
 5 U62317
 F-HEMBB1002442//Rattus norvegicus lin-10 protein homolog (lin-10) mRNA, complete cds.//4.3e-88:296:92//
 U92010
 F-HEMBB1002453//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 86D1, WORKING
 DRAFT SEQUENCE.//2.7e-43:419:78//AL034349
 10 F-HEMBB1002457//Homo sapiens clone DJ0982E09, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 1.3e-27:542:68//AC005534
 F-HEMBB1002458//HS_3246_A2_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3246 Col=10 Row=M, genomic survey sequence.//3.2e-51:257:99//AQ217993
 F-HEMBB1002477//Human Grb2-associated binder-1 mRNA, complete cds.//1.9e-87:493:92//U43885
 15 F-HEMBB1002489
 F-HEMBB1002492//Arabidopsis thaliana BAC T15B16.//0.028:516:57//AF104919
 F-HEMBB1002495//Homo sapiens chromosome 17, clone hRPK.421_E_14, complete sequence.//1.1e-16:297:
 68//AC006141
 F-HEMBB1002502//Homo sapiens clone DJ1163L11, complete sequence.//1.1e-91:675:82//AC005230
 20 F-HEMBB1002509//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//2.7e-
 11:648:60//AC004605
 F-HEMBB1002510//HS_3236_B1_H11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3236 Col=21 Row=P, genomic survey sequence.//1.2e-06:67:94//AQ205992
 F-HEMBB1002520//Homo sapiens BAC clone NH0004N07 from Y, complete sequence.//1.2e-70:580:72//
 25 AC006152
 F-HEMBB1002522//Homo sapiens Xp22 bin 150 clone GSHB-223P11 (Genome Systems Human BAC library)
 complete sequence.//5.6e-22:516:64//AC004553 F-HEMBB1002531
 F-HEMBB1002534//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 668J24, WORKING
 DRAFT SEQUENCE.//6.9e-62:265:87//AL034346
 30 F-HEMBB1002545//Human BAC clone RG128M16 from 7q21-7q22, complete sequence.//2.7e-44:200:82//
 AC000059
 F-HEMBB1002550//Homo sapiens PAC clone DJ0910I17 from 7q11.21-q11.23, complete sequence.//0.22:161:
 68//AC004927
 F-HEMBB1002556//Homo sapiens PAC clone DJ0696N01 from 7p21-p22, complete sequence.//7.5e-43:306:77//
 35 AC004861
 F-HEMBB1002579
 F-HEMBB1002582//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING
 DRAFT SEQUENCE.//0.00018:431:61//AL033520
 F-HEMBB1002590//Yeast (S.cerevisiae) mitochondrial apocytochrome b gene, 3' flank.//0.78:147:64//J01471
 40 F-HEMBB1002596//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 9E21, WORKING
 DRAFT SEQUENCE.//3.6e-50:692:69//AL008639
 F-HEMBB1002600//Homo sapiens tetraspan NET-5 mRNA, complete cds.//9.1e-151:710:98//AF089749
 F-HEMBB1002601//Human BAC clone RG020D02 from 7q22, complete sequence.//1.5e-07:416:60//AC002381
 F-HEMBB1002603//Human BAC clone GS552A01 from 7q21-q22, complete sequence.//0.40:341:60//AC002454
 45 F-HEMBB1002607//Mus musculus homeobox containing nuclear transcriptional factor Hmx1 (Hmx1) gene, com-
 plete cds.//0.0042:460:60//AF009614
 F-HEMBB1002610//Homo sapiens Chromosome 12q24 PAC RPCI3-462E2 (Roswell Park Cancer Institute Human
 PAC library) complete sequence.//6.3e-23:559:63//AC003029
 F-HEMBB1002613//Homo sapiens Chromosome 22q12 BAC Clone 566c1, complete sequence.//4.2e-17:441:63//
 50 AC000025
 F-HEMBB1002614//Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence.//0.013:
 324:56//AE001417
 F-HEMBB1002617//Homo sapiens chromosome 16 BAC clone CIT987SK-334D11 complete sequence.//2.1e-07:
 441:60//AF001550
 55 F-HEMBB1002623//C.hyalina microsatellite marker DNA (id ATCC4).//0.57:106:66//Z95304
 F-HEMBB1002635//Human JNK3 alpha2 protein kinase (JNK3A2) mRNA, complete cds.//4.8e-22:127:100//
 U34819
 F-HEMBB1002664//HS_2265_A1_H06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

EP 1 074 617 A2

nomic clone Plate=2265 Col=11 Row=O, genomic survey sequence.//0.54:115:67//AQ101557
 F-HEMBB1002677//Homo sapiens (subclone 3_d1 from P1 H25) DNA sequence, complete sequence.//2.2e-49:
 784:68//L81774
 F-HEMBB1002683//Homo sapiens type IV collagen 5a chain (COL4A5) gene, exon 23.//1.0:112:63//U04492
 5 F-HEMBB1002684//HS-1050-A2-G06-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 772 Col=12 Row=M, genomic survey sequence.//4.4e-07:86:84//B39748
 F-HEMBB1002686//HS-1023-B2-F10-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 802 Col=20 Row=L, genomic survey sequence.//0.98:183:61//B34077
 10 F-HEMBB1002692//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1108H3, WORKING
 DRAFT SEQUENCE.//0.00039:408:60//AL033525
 F-HEMBB1002697//Homo sapiens clone DJ1087M19, WORKING DRAFT SEQUENCE, 7 unordered pieces.//
 7.3e-35:323:74//AC004955
 F-HEMBB1002699//Mus musculus D6MM5e protein (D6Mm5e) and DOK protein (Dok) genes, complete cds; and
 LOR2 protein (Lor2) gene, partial cds.//0.031:325:62//AF084363
 15 F-HEMBB1002702//HS-1025-A2-D01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic
 clone Plate=CT 804 Col=2 Row=G, genomic survey sequence.//1.8e-25:158:95//B34720
 F-HEMBB1002705//Homo sapiens DNA, chromosome 21q22.2, PAC clone 25P16 complete sequence, encoding
 carbonyl reductase and carbonyl reductase 3 (complete cds).//1.7e-137:534:96//AB003151
 20 F-HEMBB1002712//Human DNA sequence from cosmid cU115G11, between markers DXS6791 and DXS8038
 on chromosome X contains ESTs and STS.//0.0019:612:58//Z71187
 F-MAMMA1000009//Human chromosome 1 BAC 308G1 genomic sequence, WORKING DRAFT SEQUENCE, 3
 unordered pieces.//6.1e-43:354:81//AC003117
 F-MAMMA1000019
 F-MAMMA1000020//H.sapiens mRNA for flavin-containing monooxygenase 5 (FMO5).//2.0e-40:185:97//Z47553
 25 F-MAMMA1000025//Homo sapiens PAC clone DJ0806A17 from 7p13-p14, complete sequence.//1.0:211:65//
 AC005483
 F-MAMMA1000043//Human angiotensin I-converting enzyme (ACE) gene, intron 12.//0.075:204:65//M73275
 F-MAMMA1000045//Human DNA sequence from clone 142F18 on chromosome Xq26.3-27.2 Contains part of a
 gene similar to melanoma-associated antigen, EST, GSS and an inverted repeat, complete sequence.//4.1e-122:
 30 495:79//AL031073
 F-MAMMA1000055//M.musculus mRNA for testin.//2.1e-35:559:66//X78989
 F-MAMMA1000057//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence.//5.5e-121:703:
 89//AC005829
 F-MAMMA1000069//Homo sapiens minisatellite ceb1 repeat region.//0.00013:329:60//AF048727
 35 F-MAMMA1000084//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains
 ESTs STS and CpG island.//2.1e-53:445:79//Z93023
 F-MAMMA1000085//Caenorhabditis elegans cosmid Y23H5A.//0.0017:164:64//AF077541
 F-MAMMA1000092//Homo sapiens BAC clone GS465N13 from 7p15-p21, complete sequence.//1.2e-70:598:78//
 AC004744
 40 F-MAMMA1000103//Homo sapiens chromosome 17, clone hCIT.91_J_4, complete sequence.//1.1e-156:857:92//
 AC003976
 F-MAMMA1000117//HS_3223_B2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3223 Col=16 Row=H, genomic survey sequence.//5.4e-100:527:94//AQ221160
 F-MAMMA1000129//ryanodine receptor.//0.055 :492:59//A20359
 45 F-MAMMA1000133
 F-MAMMA1000134//HS_3078_B1_C02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3078 Col=3 Row=F, genomic survey sequence.//2.1e-93:462:97//AQ144362
 F-MAMMA1000139//Homo sapiens Xp22 PAC RPC11-5G11 (from Roswell Park Cancer Center) complete se-
 quence.//3.3e-14:322:65//AC002369
 50 F-MAMMA1000143//Homo sapiens mRNA for KIAA0685 protein, complete cds.//6.9e-25:148:97//AB014585
 F-MAMMA1000155//Homo sapiens homeobox transcription factor barx2 (BARX2) mRNA, complete cds.//1.0e-29:
 219:87//AF031924
 F-MAMMA1000163
 F-MAMMA1000171//Homo sapiens chromosome 19, CIT-HSP BAC 470n8, complete sequence.//6.3e-14:92:88//
 55 AC005393
 F-MAMMA1000173//Mus musculus SH3-containing protein SH3P7 mRNA, complete cds. similar to Human
 Drebrin.//2.2e-114:698:87//U58884
 F-MAMMA1000175//HS_3050_B1_B03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

nomic clone Plate=3050 Col=5 Row=D, genomic survey sequence.//6.2e-73:357:99//AQ102678
 F-MAMMA1000183//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING
 DRAFT SEQUENCE.//4.6e-94:904:73//AL023808
 F-MAMMA1000198//Z. diploperennis repetitive DNA (clone ZEAR 266).//0.18:152:70//X53610
 5 F-MAMMA1000221//Human Chromosome 15q11-q13 PAC clone pDJ778a2, complete sequence.//0.017:99:75//
 AC004583
 F-MAMMA1000227//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467K16, WORKING
 DRAFT SEQUENCE.//0.36:312:62//AL031283
 F-MAMMA1000241//HS_3217_B1_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 10 nomic clone Plate=3217 Col=3 Row=D, genomic survey sequence.//1.9e-94:456:98//AQ193401
 F-MAMMA1000251//Homo sapiens NF2 gene.//0.00092:270:64//Y18000
 F-MAMMA1000254//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces.//0.0034:777:57//AC005140
 F-MAMMA1000257//Homo sapiens DNA sequence from PAC 201D7 on chromosome 6p22.1-22.3. Contains EST
 15 and STS.//0.00036:230:65//AL022717
 F-MAMMA1000264//Homo sapiens (subclone 9_f5 from P1 H17) DNA sequence, complete sequence.//1.5e-30:
 499:68//L81612
 F-MAMMA1000266//Bacillus lynceorum strain pMEL12 Bag320 satellite DNA.//0.28:218:64//AF034430
 F-MAMMA1000270//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//1.4e-157:
 20 788:96//AF001549
 F-MAMMA1000277//Mycobacterium tuberculosis H37Rv complete genome; segment 48/162.//0.70:320:61//
 AL021897
 F-MAMMA1000278//Sequence 23 from patent US 5708157.//9.3e-103:540:95//I80055
 F-MAMMA1000279//Human DNA sequence from clone 769D20 on chromosome Xp21.1-21.3 Contains EST, STS,
 25 GSS, complete sequence.//2.4e-49:262:77//AL031643
 F-MAMMA1000284//cSRL-165E12-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
 clone cSRL-165E12, genomic survey sequence.//1.1e-30:324:75//B03004
 F-MAMMA1000287//Homo sapiens, clone hRPK.15_A_1, complete sequence.//2.7e-54:401:83//AC006213
 F-MAMMA1000302//Drosophila melanogaster complete mitochondrial genome.//0.0051:307:61//U37541
 30 F-MAMMA1000307//Homo sapiens chromosome 12p13.3 clone RPCI5-1154L15, WORKING DRAFT SE-
 QUENCE, 67 unordered pieces.//0.15:449:59//AC006205
 F-MAMMA1000309//cDNA coding human apolipoprotein E3.//0.00010:691:58//E00359
 F-MAMMA1000312//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 798A17, WORKING
 DRAFT SEQUENCE.//0.27:301:60//AL031274
 35 F-MAMMA1000313
 F-MAMMA1000331//Human Chromosome 16 BAC clone CIT987SK-A-735G6, complete sequence.//9.8e-06:151:
 71//AC002400
 F-MAMMA1000339
 F-MAMMA1000340//HS_2181_B2_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 40 nomic clone Plate=2181 Col=14 Row=L, genomic survey sequence.//4.3e-05:181:68//AQ024288
 F-MAMMA1000348//Homo sapiens chromosome 17, clone HRPC843B9, complete sequence.//5.3e-30:575:66//
 AC004139
 F-MAMMA1000356//Homo sapiens clone RG038K21, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 1.8e-52:264:76//AC005052
 45 F-MAMMA1000360//Homo sapiens PAC clone DJ0755G17 from 7p21-p22, complete sequence.//6.5e-91:569:88//
 AC004879
 F-MAMMA1000361//Human DNA sequence from PAC 507I15 on chromosome Xq26.3-27.3. Contains 60S ribos-
 omal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat.//1.4e-42:315:83//Z98950
 F-MAMMA1000372//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING
 50 DRAFT SEQUENCE.//2.9e-114:516:89//AL022345
 F-MAMMA1000385//CITBI-E1-2517E13.TF CITBI-E1 Homo sapiens genomic clone 2517E13, genomic survey
 sequence.//6.9e-26:377:71//AQ279944
 F-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds.//3.7e-148:710:
 98//AB015132
 55 F-MAMMA1000395
 F-MAMMA1000402//Homo sapiens clone DJ0718N17, complete sequence.//4.0e-115:845:85//AC005999
 F-MAMMA1000410//HS_3245_A1_C02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3245 Col=3 Row=E, genomic survey sequence.//9.6e-42:350:80//AQ205768

F-MAMMA1000413//HS_3223_B2_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3223 Col=2 Row=L, genomic survey sequence.//1.6e-48:318:89//AQ188456
 F-MAMMA1000414//HS_2027_B2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2027 Col=8 Row=F, genomic survey sequence.//1.4e-46:286:92//AQ231369
 5 F-MAMMA1000416//Drosophila melanogaster DNA sequence (P1s DS07528 (D169) and DS06665 (D220)), complete sequence.//9.4e-33:310:72//AC004640
 F-MAMMA1000421//Homo sapiens clone DJ1129D05, complete sequence.//3.3e-29:223:84//AC005630
 F-MAMMA1000422
 F-MAMMA1000423//Drosophila yakuba mitochondrial DNA molecule.//2.2e-10:639:57//X03240
 10 F-MAMMA1000424//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//4.6e-47:556:68//AC003973
 F-MAMMA1000429//Mus musculus SDP8 mRNA, complete cds.//8.0e-99:545:92//AF062484
 F-MAMMA1000431//Homo sapiens clone DJ1039L24, WORKING DRAFT SEQUENCE, 3 unordered pieces.//4.8e-41:289:79//AC005283
 15 F-MAMMA1000444//Human DNA sequence from clone 714B7 on chromosome 22q12.2-13.2 Contains CYTOCHROME C OXIDASE VIIB precursor like pseudogene and ESTs, complete sequence.//2.3e-34:291:80//Z99755
 F-MAMMA1000446
 F-MAMMA1000458//Mus musculus clone OST9003, genomic survey sequence.//5.0e-53:231:84//AF046620
 F-MAMMA1000468//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 291J10, WORKING
 20 DRAFT SEQUENCE.//0.75:303:60//Z93017
 F-MAMMA1000472//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 414D7, WORKING DRAFT SEQUENCE.//4.0e-41:403:77//AL033543
 F-MAMMA1000478//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//9.5e-54:369:77//AC005081
 25 F-MAMMA1000483//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//3.6e-34:332:77//AC004381
 F-MAMMA1000490//Homo sapiens 12q13.1 PAC RPCI1-90J4 (Roswell Park Cancer Institute Human PAC library) complete sequence.//8.9e-128:822:87//AC003686
 F-MAMMA1000500//CIT-HSP-231905.TF CIT-HSP Homo sapiens genomic clone 2319O5, genomic survey sequence.//4.8e-29:175:94//AQ044812
 30 F-MAMMA1000501//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//5.7e-45:334:82//AL022336
 F-MAMMA1000516//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATPSG1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//2.9e-43:529:69//Z92545
 35 F-MAMMA1000522//Human DNA sequence from clone 20J23 on chromosome Xq26.2-27.2 Contains ras-related C3 botulinum toxin substrate 1 (P21-RAC1) (ras-like protein TC25) EST, CA repeat, STS, CpG island, complete sequence.//2.0e-14:380:63//AL022576
 40 F-MAMMA1000524//Homo sapiens chromosome 10 clone CIT-HSP-1338F24 map 10p11.2-10p12.1, complete sequence.//1.4e-22:420:66//AC006101
 F-MAMMA1000559//Human HepG2 3' region cDNA, clone hmd3f08.//5.4e-29:168:97//D16922
 F-MAMMA1000565//RPCI11-61K6.TJ RPCI11 Homo sapiens genomic clone R-61K6, genomic survey sequence.//1.7e-120:561:100//AQ194238
 45 F-MAMMA1000567//Human DNA sequence from PAC 179D3, between markers DXS6791 and DXS8038 on chromosome X contains S10 GTP-binding protein, ESTs and CpG island.//3.1e-43:387:80//Z81370
 F-MAMMA1000576//Homo sapiens BAC clone RG442F18 from 2, complete sequence.//1.2e-30:237:75//AC005104
 F-MAMMA1000583//RPCI11-60M22.TJ RPCI11 Homo sapiens genomic clone R-60M22, genomic survey sequence.//9.6e-102:487:99//AQ198091
 50 F-MAMMA1000585//Homo sapiens clone UWGC:djs14 from 7p14-15, complete sequence.//5.2e-39:370:78//AC006195
 F-MAMMA1000594//Homo sapiens chromosome 19, cosmid R31646, complete sequence.//3.9e-43:328:83//AC005338
 55 F-MAMMA1000597//Homo sapiens chromosome 17, clone hRPK.481_C_4, complete sequence.//1.5e-32:259:82//AC005839
 F-MAMMA1000605//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.4e-59:318:83//AL031297

F-MAMMA1000612//HS_2188_A2_D02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2188 Col=4 Row=G, genomic survey sequence.//4.8e-30:171:96//AQ116793
 F-MAMMA1000616//HS_3176_A1_E06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3176 Col=11 Row=I, genomic survey sequence.//4.7e-28:287:79//AQ300310
 5 F-MAMMA1000621//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 273F20, WORKING DRAFT SEQUENCE.//0.015:478:58//AL034371
 F-MAMMA1000623
 F-MAMMA1000625//DNA encoding Hepatitis C virus antigen.//0.93:196:61//E06898
 F-MAMMA1000643//Homo sapiens nephrocystin (NPHP1) mRNA, partial cds.//0.95:365:59//AF023674
 10 F-MAMMA1000664//HS_3096_B1_C02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3096 Col=3 Row=F, genomic survey sequence.//2.7e-51:257:99//AQ145137
 F-MAMMA1000669//Homo sapiens chromosome 19, cosmid R26908, complete sequence.//2.0e-66:586:67//AC004785
 F-MAMMA1000670//HS_2243_B2_A08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2243 Col=16 Row=B, genomic survey sequence.//8.7e-05:94:80//AQ153650
 15 F-MAMMA1000672//Mus musculus clone OST8270, genomic survey sequence.//3.9e-64:471:81//AF046705
 F-MAMMA1000684//Suid herpesvirus 1 Rsp40 mRNA, partial cds.//1.2e-07:186:67//U27489
 F-MAMMA1000696//Human oligodendrocyte myelin glycoprotein (OMG) exons 1-2; neurofibromatosis 1 (NF1) exons 28-49; ecotropic viral integration site 2B (EVI2B) exons 1-2; ecotropic viral integration site 2A (EVI2A) exons 1-2; adenylate kinase (AK3) exons 1-2.//3.0e-53:653:70//L05367
 20 F-MAMMA1000707//CIT-HSP-2302019.TR CIT-HSP Homo sapiens genomic clone 2302O19, genomic survey sequence.//1.8e-08:131:77//AQ017947
 F-MAMMA1000713//Rattus norvegicus clonol polymeric immunoglobulin receptor mRNA 3' untranslated region, GA rich region, and microsatellites with GGA-triplet and GAA-triplet repeats.//0.062:134:67//U00762
 25 F-MAMMA1000714//Chicken hsp90 gene for 90 kDa-heat shock protein 5'-end.//1.0:266:61//X15028
 F-MAMMA1000718//CIT-HSP-2171B10.TF CIT-HSP Homo sapiens genomic clone 2171B10, genomic survey sequence.//3.6e-05:289:60//B95401
 F-MAMMA1000720//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//4.4e-184:842:98//AC005781
 30 F-MAMMA1000723//Homo sapiens clone DJ0892G19, complete sequence.//8.8e-05:430:60//AC004917
 F-MAMMA1000731//Drosophila melanogaster DNA sequence (P1 DS07049 (D133)), complete sequence.//3.8e-55:796:66//AC004274
 F-MAMMA1000732//Homo sapiens chromosome 21q22.3 PAC 141B3, complete sequence, containing ribosomal protein homologue pseudogene L23a.//6.6e-77:555:74//AF064859
 35 F-MAMMA1000733//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P6, WORKING DRAFT SEQUENCE.//0.98:479:58//AL031749
 F-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds.//7.3e-168:802:98//AF100141
 F-MAMMA1000738//S.cerevisiae chromosome XIV reading frame ORF YNL132w.//8.6e-31:626:63//Z71408
 F-MAMMA1000744//Gorilla Alu-repetitive sequence in beta-globin gene cluster.//2.7e-54:410:82//X06123
 40 F-MAMMA1000746//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-10F4, complete sequence.//3.7e-109:779:83//AC004158
 F-MAMMA1000752//Homo sapiens clone RG219E16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.2e-20:444:63//AC005075
 F-MAMMA1000760//Homo sapiens clone RG015P03, complete sequence.//1.5e-44:403:79//AC005048
 45 F-MAMMA1000761//Homo sapiens Chromosome 7 BAC Clone 239c10, WORKING DRAFT SEQUENCE, 9 unordered pieces.//2.3e-22:159:81//AC004166
 F-MAMMA1000775//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//1.3e-51:789:68//AC005703
 F-MAMMA1000776//Human DNA sequence from BAC 57G9 on chromosome 22q12.1 Contains ESTs, CA repeat, GSS.//5.7e-40:238:78//Z95116
 50 F-MAMMA1000778//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORKING DRAFT SEQUENCE.//7.6e-29:222:84//AL031118
 F-MAMMA1000782//Human 2,4-dienoyl-CoA reductase gene, exon 9.//0.90:137:62//U94987
 F-MAMMA1000798//*** SEQUENCING IN PROGRESS *** EPM1/APECED region of chromosome 21, clones A68E8, B127P21, B173L3, B23N8, C1242C9, C579E2, A70B6, B159G9, B175D10, B52C10, C124G1 Note: Sequencing in this region has been discontinued by the Stanford Human Genome Center, WORKING DRAFT SEQUENCE, 50 unordered pieces.//0.00058:163:71//AC003656
 55 F-MAMMA1000802//Homo sapiens chromosome 19, cosmid R33729, complete sequence.//6.3e-151:714:99//

AC005339
 F-MAMMA1000824//Homo sapiens 12p13.3 BAC RPC111-543P15 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//4.2e-104:503:99//AC005912
 F-MAMMA1000831//Homo sapiens clone UWGC:g1211a139, complete sequence.//0.76:302:58//AC005502
 5 F-MAMMA1000839//Human BAC clone RG013L03 from 7q21, complete sequence.//1.9e-54:322:68//AC002456
 F-MAMMA1000841//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//6.7e-140:647:92//AL023755
 F-MAMMA1000842//, complete sequence.//0.0068:499:59//AC005817
 10 F-MAMMA1000843//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.13:439:59//AC004710
 F-MAMMA1000845//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//2.2e-05:208:64//AL034557
 F-MAMMA1000851//Gallus domesticus filamin gene 5' region, partial cds.//0.86:193:63//U00146
 F-MAMMA1000855//Human minisatellite region detected by myoglobin 33-repeat probe, clone lambda 33.10.//0.081:229:62//M30549
 15 F-MAMMA1000856//B.taurus microsatellite marker ETH8 (D6S3) DNA.//0.0024:253:60//Z22747
 F-MAMMA1000859//Sequence 6 from Patent WO9722695.//2.3e-79:533:82//A63553
 F-MAMMA1000862
 F-MAMMA1000863//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE.//1.0e-28:439:64//AP000050
 20 F-MAMMA1000865
 F-MAMMA1000867//CIT-HSP-2385J8.TR.1 CIT-HSP Homo sapiens genomic clone 2385J8, genomic survey sequence.//0.00017:158:70//AQ240906
 F-MAMMA1000875//Homo sapiens DNA sequence from PAC 232G24 on chromosome Xq27.1-q27.3. Contains two exons similar to MAGE gene family, EST, CA repeat, STS, complete sequence.//1.0:121:68//AL022152
 25 F-MAMMA1000876//Homo sapiens clone HS19.6 Alu-Ya5 sequence.//8.4e-41:185:90//AF015152
 F-MAMMA1000877//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//8.3e-57:522:75//AL022336
 30 F-MAMMA1000880//Homo sapiens full-length insert cDNA clone ZD54A10.//5.2e-26:143:100//AF086327
 F-MAMMA1000883//Human DNA sequence from clone 786D3 on chromosome 22q13.31-33 Contains GSS, complete sequence.//0.99:225:63//AL023801
 F-MAMMA1000897//R.norvegicus mRNA for plasma protein.//4.8e-07:479:58//Y11283
 F-MAMMA1000905//F26L5TRB IGF Arabidopsis thaliana genomic clone F26L5, genomic survey sequence.//0.94:115:66//B61433
 35 F-MAMMA1000906//HS_3110_B2_A11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3110 Col=22 Row=B, genomic survey sequence.//2.5e-63:548:78//AQ182819
 F-MAMMA1000908//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE.//5.2e-80:480:90//AL033397
 40 F-MAMMA1000914//Plasmodium falciparum MAL3P8, complete sequence.//7.6e-09:596:58//AL034560
 F-MAMMA1000921//CIT-HSP-2171D8.TR CIT-HSP Homo sapiens genomic clone 2171D8, genomic survey sequence.//6.6e-07:249:66//889575
 F-MAMMA1000931//Homo sapiens clone DJ0892G19, complete sequence.//2.9e-43:415:66//AC004917
 F-MAMMA1000940//HS-1056-A2-E02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 778 Col=4 Row=I, genomic survey sequence.//6.1e-44:235:78//B47296
 45 F-MAMMA1000941//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-113A6 complete genomic sequence, complete sequence.//9.4e-48:443:75//AC002299
 F-MAMMA1000942//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like protease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence.//1.8e-14:175:76//AL031117
 50 F-MAMMA1000943//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.0082:684:56//AC005308
 F-MAMMA1000956//Homo sapiens chromosome 16, cosmid clone 363E3 (LANL), complete sequence.//3.3e-30:530:67//AC004643
 F-MAMMA1000957//HS_3039_A2_C08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3039 Col=16 Row=E, genomic survey sequence.//1.3e-72:390:94//AQ155121
 55 F-MAMMA1000962//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.8e-58:318:86//AC006001
 F-MAMMA1000968//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the

TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted CpG island, ESTs, STSs and GSSs, complete sequence.//1.4e-18:396:65//AL022394

5 F-MAMMA1000975//Human DNA sequence from clone 344I7 on chromosome Xp11.21-11.3. Contains a Keratin, Type II Cytoskeletal 8 (Cytokeratin 8, CYK8, KRT8) pseudogene, ESTs and a GSS, complete sequence.//1.4e-79:690:77//AL024458

F-MAMMA1000979//Homo sapiens PAC clone DJ1186C01 from 7q21.2-q31.1, complete sequence.//0.089:214:66//AC004991

10 F-MAMMA1000987//Human PAC clone DJ527C21 from Xq23, complete sequence.//1.1e-58:458:82//AC000114

F-MAMMA1000998//Human DNA sequence from PAC 997K18 on chromosome 20p12. Contains ESTs and CA repeat.//1.1e-05:439:62//AL021406

F-MAMMA1001003//Homo sapiens DNA sequence from PAC 93L7 on chromosome Xq21. Contains part of the CHM (TCD, REP1) gene coding for RAB Escort protein 1 (REP-1, RAB proteins geranylgeranyltransferase component A 1, Choroideraemia protein, Tapetochoroidal Dystrophy (TCD) protein). Contains ESTs and an STS, complete sequence.//0.24:166:68//AL022401

15 F-MAMMA1001008//Homo sapiens *** SEQUENCING IN PROGRESS ***, WORKING DRAFT SEQUENCE.//1.6e-103:139:99//AJ011929

F-MAMMA1001021//Homo sapiens clone 24544 beta-dystrobrevin mRNA, partial cds.//6.5e-48:465:76//AF070567

20 F-MAMMA1001024//CITBI-E1-2501L21.TF.1 CITBI-E1 Homo sapiens genomic clone 2501L21, genomic survey sequence.//1.0:175:62//AQ241701

F-MAMMA1001030//Homo sapiens G protein-coupled receptor LGR5 (LGR5) mRNA, complete cds.//1.1e-30:753:6//1AF061444

25 F-MAMMA1001035//Human Chromosome 16 BAC clone CIT987SK-A-1000D7, complete sequence.//7.9e-24:256:76//AC002990

F-MAMMA1001038//CIT-HSP-2284N21.TF CIT-HSP Homo sapiens genomic clone 2284N21, genomic survey sequence.//0.96:78:75//AQ000903

F-MAMMA1001041//chicken mRNA for alpha-actinin, complete cds.//2.8e-09:355:63//D26597

30 F-MAMMA1001050//Homo sapiens BAC clone RG060P12 from 7q21, complete sequence.//2.6e-40:378:76//AC002457

F-MAMMA1001059//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete cds.//4.8e-97:661:83//L25125

F-MAMMA1001067//Homo sapiens genomic intron breakpoint sequence of MLL rearrangement, 285 bp.//2.8e-18:110:100//AJ000169

35 F-MAMMA1001073//HS_3046_A2_G08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3046 Col=16 Row=M, genomic survey sequence.//1.0:142:68//AQ098420

F-MAMMA1001074//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING DRAFT SEQUENCE.//1.2e-23:386:70//AL031733

40 F-MAMMA1001075//Homo sapiens (clone F4) transmembrane protein mRNA sequence.//1.1e-27:559:65//L09749

F-MAMMA1001078//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//2.0e-22:334:69//AC006120

F-MAMMA1001080//Human immunoglobulin heavy chain variable region (VH III family) from IgM rheumatoid factor.//6.4e-58:327:92//L29155

45 F-MAMMA1001082//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete sequence.//3.8e-87:695:77//AC004087

F-MAMMA1001091//Homo sapiens chromosome 19, cosmid F21967, complete sequence.//7.0e-05:594:60//AC005256

F-MAMMA1001092//Human DNA sequence from PAC 49C23 on chromosome X contains malate dehydrogenase pseudogene and STS.//1.6e-91:174:87//Z93019

50 F-MAMMA1001105//Homo sapiens OVO-like 1 binding protein (OVOL1) mRNA, complete cds.//6.4e-23:507:66//AF016045

F-MAMMA1001110//Homo sapiens chromosome 19, cosmid F16815, complete sequence.//0.77:316:60//AC004637

55 F-MAMMA1001126//Homo sapiens PAC 50H2 in the CUTL1 locus, complete sequence.//3.3e-21:237:73//AF047825

F-MAMMA1001133//Human DNA sequence from BAC 57G9 on chromosome 22q12.1 Contains ESTs, CA repeat, GSS.//0.97:202:63//Z95116

- F-MAMMA1001139//tricarboxylate carrier [rats, liver, mRNA Partial, 2986 nt]//1.6e-84:406:82//S70011
 F-MAMMA1001143//Homo sapiens DNA sequence from cosmid N75B3 on chromosome 22 Contains EST, exon trap, complete sequence.//1.3e-14:182:76//AL022339
 5 F-MAMMA1001145//Human DNA sequence from cosmid cU115G11, between markers DXS6791 and DXS8038 on chromosome X contains ESTs and STS.//5.2e-87:714:78//Z71187
 F-MAMMA1001154//CIT-HSP-2341D13.TF CIT-HSP Homo sapiens genomic clone 2341D13 genomic survey sequence.//0.00051:249:61//AQ055735
 F-MAMMA1001161//Homo sapiens chromosome 14, BAC CITB-135H17 containing the RAD51L1 gene, complete sequence.//2.2e-30:410:70//AC004518
 10 F-MAMMA1001162//Homo sapiens full-length insert cDNA clone ZA79C01.//2.4e-13:87:100//AF086123
 F-MAMMA1001181//Mus musculus C2C12 unknown mRNA, partial cds.//9.3e-15:432:60//U31629
 F-MAMMA1001186//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//6.8e-57:670:72//AC005696
 F-MAMMA1001191
 15 F-MAMMA1001198//Mus musculus eps15R mRNA, complete cds.//1.5e-117:759:84//U29156
 F-MAMMA1001202
 F-MAMMA1001203//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//1.5e-161:764:98//AC005412
 F-MAMMA1001206//Homo sapiens chromosome 17, clone HCIT421K24, complete sequence.//5.1e-30:535:65//AC004099
 20 F-MAMMA1001215//Homo sapiens chromosome 19, CIT-HSP BAC 470n8, complete sequence.//8.4e-182:860:98//AC005393
 F-MAMMA1001220//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence.//7.7e-58:690:70//AC004875
 25 F-MAMMA1001222//Mouse loricrin mRNA, complete cds.//2.7e-07:624:58//M34398
 F-MAMMA1001243//Homo sapiens chromosome 17, clone hRPK.192_H_23, complete sequence.//0.91:177:66//AC005726
 F-MAMMA1001244
 30 F-MAMMA1001249//Human 28S ribosomal RNA psuedogenes and alu repeat region sequence.//6.7e-09:502:58//U67616
 F-MAMMA1001256//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete sequence.//5.0e-37:342:80//Z99495
 F-MAMMA1001259
 F-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds.//8.7e-40:659:64//AB014561
 35 F-MAMMA1001268//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//4.9e-43:265:81//AC004453
 F-MAMMA1001271//Salmo salar DNA for a cryptic repeat.//2.6e-06:311:63//AJ012206
 F-MAMMA1001274//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces.//6.6e-70:327:83//AC004840
 40 F-MAMMA1001280//Homo sapiens Xp22 bins 87-93 PAC RPCI1-122K4 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.0e-05:276:66//AC003035
 F-MAMMA1001292//Human DNA sequence from clone 1170K4 on chromosome 22q12.2-13.1. Contains three novel genes, one of which codes for a Trypsin family protein with class A LDL receptor domains, and the IL2RB gene for Interleukin 2 Receptor, Beta (IL-2 Receptor, CD122 antigen). Contains a putative CpG island, ESTs, and GSSs, complete sequence.//3.6e-98:199:98//AL022314
 45 F-MAMMA1001296//RPCI11-38B4.TV RPCI-11 Homo sapiens genomic clone RPCI-11-38B4, genomic survey sequence.//4.7e-33:292:71//AQ030084
 F-MAMMA1001298//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//1.6e-182:860:98//AC005703
 50 F-MAMMA1001305//Human DNA sequence from clone 116F5 on chromosome 22q13. Contains part of an unknown gene and part of a RhoGAP (CDC42 GTPase Activating Protein) LIKE gene. Contains ESTs, STSs, GSSs, genomic marker D22S1168 and a CA repeat polymorphism, complete sequence.//1.9e-70:163:97//Z93244
 F-MAMMA1001322//Human DNA sequence from clone 774I24 on chromosome 1q24.1-24.3 Contains protein similar to pregnancy-associated plasma protein A precursor neuronal migration protein astrotactin, ESTs, STS and GSS, complete sequence.//2.6e-19:379:68//AL031290
 55 F-MAMMA1001324//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 197L1, WORKING DRAFT SEQUENCE.//4.5e-131:751:90//AL031390
 F-MAMMA1001330

F-MAMMA1001341//Sus scrofa//1.6e-36:420:73//Z46906
 F-MAMMA1001343//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORK-
 ING DRAFT SEQUENCE.//1.1e-05:818:58//AL031744
 F-MAMMA1001346
 5 F-MAMMA1001383//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//2.0e-44:505:74//
 AC004086
 F-MAMMA1001388//Human IGF binding protein complex acid-labile subunit a mRNA, complete cds.//1.5e-07:415:
 58//M86826
 F-MAMMA1001397//Human DNA sequence from clone 462D8 on chromosome 22q11.21-12.1 Contains EST, STS
 10 and GSS, complete sequence.//1.6e-23 :209:75//AL022332
 F-MAMMA1001408//HS_3242_A1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3242 Col=21 Row=O, genomic survey sequence.//2.7e-07:181:69//AQ207300
 F-MAMMA1001411//Homo sapiens autosomal dominant polycystic kidney disease type II protein (PKD2) gene,
 exon 14.//0.98:120:68//AF004872
 15 F-MAMMA1001419//HS_2053_B1_F12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2053 Col=23 Row=L, genomic survey sequence.//1.9e-75 :424:93//AQ244585
 F-MAMMA1001420//Homo sapiens chromosome 4 clone B203C23 map 4q25, complete sequence.//2.4e-09:199:
 70//AC004049
 F-MAMMA1001435//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-2011O4, WORKING DRAFT SE-
 20 QUENCE, 4 unordered pieces.//5.1e-42:558:69//AC004529 F-MAMMA1001442//Plasmodium falciparum chromo-
 some 2, section 37 of 73 of the complete sequence.//0.0019:516:56//AE001400
 F-MAMMA1001446//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete
 sequence.//3.6e-42:486:70//AC003684
 F-MAMMA1001452//RPC111-48022.TJ RPC111 Homo sapiens genomic clone R-48O22, genomic survey se-
 25 quence.//5.3e-87:423:98//AQ199294
 F-MAMMA1001465//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 414D7, WORKING
 DRAFT SEQUENCE.//0.00038:114:75//AL033543
 F-MAMMA1001476//Mus musculus uridine kinase mRNA, partial cds.//4.1e-99:604:87//L31783
 F-MAMMA1001487//Homo sapiens clone DJ1070G24, WORKING DRAFT SEQUENCE, 12 unordered pieces.//
 30 1.0e-13:158:77//AC005486
 F-MAMMA1001501//Human mRNA for calcium activated neutral protease large subunit (muCANP, calpain, EC
 3.4.22.17).//9.6e-52:438:81//X04366
 F-MAMMA1001502//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B7, WORKING
 DRAFT SEQUENCE.//3.7e-152:720:99//AL031714
 35 F-MAMMA1001510//Human PAC clone DJ438O4 from 22q12.1-qter, complete sequence.//1.1e-05:371:61//
 AC002378
 F-MAMMA1001522
 F-MAMMA1001547
 F-MAMMA1001551//Homo sapiens mRNA for KIAA0462 protein, partial cds.//2.3e-128:614:98//AB007931
 40 F-MAMMA1001575//Human Chromosome 16 BAC clone CIT987SK-A-815A9, complete sequence.//0.97:154:68//
 AF001548
 F-MAMMA1001576//Human gamma-tubulin mRNA, complete cds.//1.8e-95:529:91//M61764
 F-MAMMA1001590//Human DNA sequence from clone 125H2 on chromosome 22q11-12 Contains part of myosin
 heavy chain gene, EST, CA repeat, STS, GSS, complete sequence.//1.8e-07:104:84//Z98949
 45 F-MAMMA1001600//HS_3022_A2_H01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3022 Col=2 Row=O, genomic survey sequence.//1.6e-66:405:90//AQ163791
 F-MAMMA1001604//Human DNA sequence from clone 1114G22 on chromosome 1q24-25 Contains EST, CA re-
 peat, Ninenin like sequence, complete sequence.//0.00043:715:58//AL008626
 F-MAMMA1001606//jd114 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 2G6,
 50 genomic survey sequence.//0.19:266:62//B13685
 F-MAMMA1001620//Homo sapiens monocyte/neutrophil elastase inhibitor gene, complete cds.//9.7e-54:442:69//
 AF053630
 F-MAMMA1001627//X.borealis ribosomal spacer DNA, with a DNaseI-hypersensitive site.//0.14:221:62//M29833
 F-MAMMA1001630//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2
 55 ordered pieces.//2.0e-47:611:71//AC005412
 F-MAMMA1001633//Human zinc finger protein (LD5-1) mRNA, complete cds.//1.1e-42:611:67//U57796
 F-MAMMA1001635//Human BAC clone RG072E11 from 7q21-7q22, complete sequence.//4.0e-35:407:70//
 AC000118

- F-MAMMA1001649//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.44:245:63//AL022577
- 5 F-MAMMA1001654//Mouse transcriptional control element.//0.0025:189:63//M17284
- F-MAMMA1001663//CIT-HSP-2165E16.TR CIT-HSP Homo sapiens genomic clone 2165E16, genomic survey sequence.//9.7e-05:146:66//B95491
- F-MAMMA1001670//HS_3136_A1_G06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3136 Col=11 Row=M, genomic survey sequence.//3.1e-28:237:85//AQ148779
- 10 F-MAMMA1001671//Homo sapiens chromosome 19, cosmid F23269, complete sequence.//3.3e-181:863:98//AC005614
- F-MAMMA1001679//HS_3054_A1_H11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=21 Row=O, genomic survey sequence.//1.0:89:70//AQ106118
- F-MAMMA1001683//Spermatozopsis similis mRNA for 90 kD basal apparatus-protein.//8.3e-07:480:62//AJ224970
- 15 F-MAMMA1001686//HS_3219_B1_A03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3219 Col=5 Row=B, genomic survey sequence.//0.00072:180:65//AQ180345
- F-MAMMA1001692//HS_3047_B1_B10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=19 Row=D, genomic survey sequence.//2.5e-94:459:98//AQ134228
- 20 F-MAMMA1001711//Homo sapiens clone DJ0635O05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.2e-42:316:82//AC004845
- F-MAMMA1001715//CIT-HSP-2347A14.TF CIT-HSP Homo sapiens genomic clone 2347A14, genomic survey sequence.//1.1e-60:413:87//AQ059125
- F-MAMMA1001730//Homo sapiens brain and nasopharyngeal carcinoma susceptibility protein NSG-x mRNA, partial cds.//1.8e-133:646:97//AF095687
- 25 F-MAMMA1001735//chicken brain tubulin beta chain mrna.//3.5e-110:740:84//J00913
- F-MAMMA1001740//Human DNA sequence from PAC 136017 on chromosome X contains ESTs and STS.//0.98:416:57//Z72001
- F-MAMMA1001743//Homo sapiens clone DJ0981O07, complete sequence.//3.2e-16:194:75//AC006017
- 30 F-MAMMA1001744//Homo sapiens DNA sequence from clone 46618 on chromosome Xq11.1-13.2. Contains an unknown gene similar to Coagulation Factor V (Activated Protein C Cofactor), Coagulation Factor VIII (Procoagulant Component) and Ceruloplasmin (EC 1.16.3.1, Ferroxidase). Contains ESTs and an STS, complete sequence.//0.0036:181:66//AL030998
- F-MAMMA1001745//Homo sapiens BAC clone 529F11 from 8q21, complete sequence.//1.2e-60:822:68//AF070718
- 35 F-MAMMA1001751//Human potassium channel KCNO1 mRNA, complete cds.//1.2e-35:583:65//U90065
- F-MAMMA1001754//Bos taurus vacuolar proton pump subunit SFD alpha isoform (SFD) mRNA, complete cds.//8.4e-102:627:87//AF041338
- F-MAMMA1001757//HS_2058_B2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=8 Row=F, genomic survey sequence.//1.7e-24:173:88//AQ243865
- 40 F-MAMMA1001760//Human DNA sequence from clone 354N19 on chromosome 6q22. Contains the 3' part of the gene for Mannosyl-Oligosaccharide Alpha-1,2-Mannosidase (Man(9)-alpha-mannosidase, EC 3.2.1.113), a Cytochrome C Oxidase Polypeptide I (EC 1.9.3.1) pseudogene and a pseudogene similar to 60S Ribosomal Protein L13A. Contains genomic markers D6S287 and D6S1696, ESTs, STSs, GSSs and two CA repeat polymorphisms, complete sequence.//6.6e-76:349:87//AL022722
- 45 F-MAMMA1001764//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds.//0.23:633:57//M97514
- F-MAMMA1001768//Bovine herpesvirus 1 complete genome.//2.3e-11:547:60//AJ004801
- F-MAMMA1001769//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.1e-76:509:78//AC004801
- 50 F-MAMMA1001771//M.musculus mRNA for semaphorin B.//2.7e-106:744:82//X85991
- F-MAMMA1001783//Human PAC clone 127H14 from 12q, complete sequence.//6.0e-20:228:75//AC002563
- F-MAMMA1001785
- F-MAMMA1001788//Human DNA sequence from clone 425C14 on chromosome 6q22 Contains the HSF2 gene for Heat Shock Factor 2 (Heat Shock Transcription Factor 2, HSTF 2) and an unknown gene similar to the placental protein DIFF33 gene. Contains ESTs, STSs and GSSs, complete sequence.//5.0e-05:152:74//Z99129
- 55 F-MAMMA1001790//Homo sapiens chromosome 12p13.3 clone RPC13-454B23, WORKING DRAFT SEQUENCE, 48 unordered pieces.//4.5e-53:318:80//AC005845

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F-MAMMA1001806//Homo sapiens chromosome 19, cosmid R29368, complete sequence.//1.0:131:67//AC004262
 F-MAMMA1001812//Human Chromosome X clone bWDX187, complete sequence.//3.0e-34:257:83//AC004383
 F-MAMMA1001815//Homo sapiens PAC clone DJ0850G01 from 7q21.2-q22, complete sequence.//5.2e-61:516:79//AC004128
 5 F-MAMMA1001817//Homo sapiens 12q24 PAC RPCI1-261P5 (Roswell Park Cancer Institute Human PAC library) complete sequence.//3.1e-32:295:78//AC004031
 F-MAMMA1001818//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete sequence bases 1.333303.//0.71:179:67//AJ011930
 10 F-MAMMA1001820//Rattus norvegicus mRNA for PAG608 gene.//3.0e-91:726:79//Y13148
 F-MAMMA1001824//HS_3108_A1_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3108 Col=23 Row=M, genomic survey sequence.//3.4e-05:119:74//AQ107508
 F-MAMMA1001836//Homo sapiens chromosome 18, clone hRPK.537_E_1, complete sequence.//3.4e-45:312:85//AC006211
 15 F-MAMMA1001837//Rattus norvegicus zinc finger protein Y1 (RLZF-Y) mRNA, complete cds.//4.5e-51:480:75//AF052042
 F-MAMMA1001848//CITBI-E1-2516P17.TF CITBI-E1 Homo sapiens genomic clone 2516P17, genomic survey sequence.//1.0e-100:486:98//AQ279620
 F-MAMMA1001851//Human DNA from overlapping chromosome 19-specific cosmids R30072 and R28588, genomic sequence, complete sequence.//5.1e-07:197:67//AC002390
 20 F-MAMMA1001854
 F-MAMMA1001858//RPCI11-11L22.TP RPCI-11 Homo sapiens genomic clone RPCI-11-11L22, genomic survey sequence.//0.091:161:65//B75631
 F-MAMMA1001864//Human PAC clone DJ0205E24 from Xq23, complete sequence.//2.6e-09:397:61//AC003013
 25 F-MAMMA1001868//HS_2196_B2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2196 Col=24 Row=B, genomic survey sequence.//5.8e-13:86:100//AQ032455
 F-MAMMA1001874//H.sapiens CpG island DNA genomic Mse1 fragment, clone 63h5, reverse read cpg63h5.rta.//1.0:127:63//Z62129
 F-MAMMA1001878//Human DNA sequence from BAC 999D10 on chromosome 22q13.3. Contains two BAC end-sequences (GSSs).//1.7e-19:372:67//Z94802
 30 F-MAMMA1001880//RPCI11-90K3.TJ RPCI11 Homo sapiens genomic clone R-90K3, genomic survey sequence.//6.6e-11:362:62//AQ283465
 F-MAMMA1001890//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//1.8e-45:317:86//AL021707
 35 F-MAMMA1001907//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//2.7e-23:255:77//Z82207
 F-MAMMA1001908//HS_2225_A1_A03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2225 Col=5 Row=A, genomic survey sequence.//5.4e-08:264:62//AQ301597
 F-MAMMA1001931//HS_3049_B2_D09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3049 Col=18 Row=H, genomic survey sequence.//1.7e-47:295:90//AQ100157
 40 F-MAMMA1001956//H.sapiens DNA sequence.//0.056:233:66//Z22493
 F-MAMMA1001963//Homo sapiens adenylosuccinate lyase gene, complete cds.//0.99:173:68//AF106656
 F-MAMMA1001969//Human DNA sequence from cosmid 232L22, between markers DXS366 and DXS87 on chromosome X contains ESTs glycerol kinase pseudogene.//5.3e-63:479:78//Z73986
 45 F-MAMMA1001970//Homo Sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//1.4e-126:699:93//AC003071
 F-MAMMA1001992//HS_3078_A1_A09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3078 Col=17 Row=A, genomic survey sequence.//3.3e-08:257:65//AQ143646
 F-MAMMA1002009//Homo sapiens chromosome 17, clone hRPK.214_O_I, complete sequence.//1.5e-07:244:62//AC005224
 50 F-MAMMA1002011//HS_3252_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3252 Col=9 Row=D, genomic survey sequence.//1.3e-07:170:69//AQ304711
 F-MAMMA1002032//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 37 unordered pieces.//2.1e-34:315:79//AC004803
 55 F-MAMMA1002033//HS_3023_A2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3023 Col=8 Row=M, genomic survey sequence.//4.3e-69:366:94//AQ105493
 F-MAMMA1002041//Genomic sequence from Human 9q34, complete sequence.//5.3e-85:439:82//AC001227
 F-MAMMA1002042//Homo sapiens chromosome 3, clone hRPK.165_I_16, complete sequence.//1.4e-20:314:70//

- AC005669
F-MAMMA1002047//Homo sapiens 12p13.3 BAC RPC11-429A20 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//6.8e-14:526:62//AC005906
- 5 F-MAMMA1002056//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs, an STS and GSSs, complete sequence.//1.1e-47:648:71//AL030996
- 10 F-MAMMA1002058//Homo sapiens PAC clone DJ0732C22 from 7p11.2-p13, complete sequence.//2.4e-19:256:74//AC004869
- F-MAMMA1002068//Homo sapiens, clone hRPK.2_A_1, complete sequence.//5.4e-41:407:78//AC006197
- F-MAMMA1002078//Human DNA sequence from PAC 106I20 on chromosome 22q12 Contains ESTs and STS, complete sequence.//0.021:333:64//Z81313
- F-MAMMA1002082
- 15 F-MAMMA1002084//Caenorhabditis elegans cosmid F28C12, complete sequence.//0.032:469:58//Z93380
- F-MAMMA1002093//HS_3050_B1_F06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=11 Row=L, genomic survey sequence.//1.0:77:71//AQ105997
- F-MAMMA1002108//Homo sapiens anion exchanger 3 gene, exons 1 and 2 and complete 5'UTR.//8.3e-10:464:60//AF017308
- 20 F-MAMMA1002118
- F-MAMMA1002125//Homo sapiens chromosome 17, clone HCIT217L10, complete sequence.//1.0e-35:619:68//AC003962
- F-MAMMA1002132//RPC111-78F11.TJ RPC111 Homo sapiens genomic clone R-78F11, genomic survey sequence.//1.0e-90:357:97//AQ286460
- 25 F-MAMMA1002140//Homo sapiens 12q24 PAC RPC11-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.6e-45:583:64//AC004216
- F-MAMMA1002143//Human serum constituent protein (MSE55) mRNA, complete cds.//6.0e-11:192:70//M88338
- F-MAMMA1002145//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 102D24, WORKING DRAFT SEQUENCE.//0.0028:570:59//AL021391
- 30 F-MAMMA1002153//HS_3005_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3005 Col=7 Row=G, genomic survey sequence.//4.9e-41:213:99//AQ132213
- F-MAMMA1002155//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462O23, WORKING DRAFT SEQUENCE.//1.2e-45:303:78//AL031431
- F-MAMMA1002156
- 35 F-MAMMA1002158//CITBI-E1-2508P18.TR CITBI-E1 Homo sapiens genomic clone 2508P18, genomic survey sequence.//7.1e-42:255:92//AQ266165
- F-MAMMA1002170//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//2.0e-81:604:81//AC004448
- 40 F-MAMMA1002174//Homo sapiens clone UWGC:y67c126 from 6p21, complete sequence.//3.2e-43:333:83//AC004212
- F-MAMMA1002198//H.sapiens thiol-specific antioxidant protein mRNA.//1.0e-34:121:98//Z22548
- F-MAMMA1002209//HS_2197_B1_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2197 Col=13 Row=J, genomic survey sequence.//9.6e-18:163:84//AQ210058
- 45 F-MAMMA1002215//Homo sapiens anion exchanger 3 gene, exons 1 and 2 and complete 5'UTR.//6.3e-08:435:60//AF017308
- F-MAMMA1002219//Rattus norvegicus rexo70 mRNA, complete cds.//1.8e-124:752:87//AF032667
- F-MAMMA1002230//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.67:356:59//AC004710
- 50 F-MAMMA1002236//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//9.3e-140:836:87//U38253
- F-MAMMA1002243//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//1.4e-145:691:98//AC005666
- F-MAMMA1002250//Homo sapiens chromosome 16, P1 clone 109-9G (LANL), complete sequence.//6.0e-138:660:98//AC005600
- 55 F-MAMMA1002267//Homo sapiens chromosome 2, P1 clone 777H5 (LBNL H27), complete sequence.//0.066:333:60//AC003676
- F-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//1.1e-39:404:74//AF068748
- F-MAMMA1002269//HS_3163_B1_D03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

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nomic clone Plate=3163 Col=5 Row=H, genomic survey sequence.//1.0:150:63//AQ171576
 F-MAMMA1002282//Human Chromosome 16 BAC clone CIT987SK-327O24, complete sequence.//1.5e-22:315:
 67//AC003108
 F-MAMMA1002292//B.garinii (strain TIs1) p83/100 gene (partial).//0.73:200:64//X81533
 5 F-MAMMA1002293//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//
 1.6e-56:408:75//AC006023
 F-MAMMA1002294//Sequence 2 from Patent WO9516779.//1.8e-06:401:62//A45258
 F-MAMMA1002297
 F-MAMMA1002298//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//0.0056:
 10 525:61//AC004221
 F-MAMMA1002299//CIT-HSP-2345B2.TR CIT-HSP Homo sapiens genomic clone 2345B2, genomic survey se-
 quence.//1.2e-90:446:98//AQ053994
 F-MAMMA1002308//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 850H21, WORKING
 DRAFT SEQUENCE.//1.3e-35:329:78//AL031680
 15 F-MAMMA1002310//Human gastric (H⁺ * K⁺)-ATPase gene, complete cds.//0.0060:301:60//J05451
 F-MAMMA1002311//Human Chromosome 15q11-q13 clone pDJ276c12 from the Prader-Willi/Angelman syn-
 drome region, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.6e-50:327:69//AC004737
 F-MAMMA1002312//Homo sapiens DNA sequence from PAC 435D1 on chromosome Xq25. Contains ESTs and
 STS.//1.3e-09:741:58//Z86064
 20 F-MAMMA1002317
 F-MAMMA1002319//Homo sapiens chromosome 19, fosmid 39347, complete sequence.//1.9e-158:746:99//
 AC005756
 F-MAMMA1002322//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//5.3e-52:
 617:70//AC004796
 25 F-MAMMA1002329//Homo sapiens RaP2 interacting protein 8 (RPIP8) mRNA, complete cds.//0.22:143:67//
 U93871
 F-MAMMA1002332//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30G7, WORKING
 DRAFT SEQUENCE.//1.6e-31:287:74//AL034402
 F-MAMMA1002333//Mycobacterium tuberculosis H37Rv complete genome; segment 148/162.//2.5e-09:674:59//
 30 AL022022
 F-MAMMA1002339//Homo sapiens chromosome 21q22.3, cosmid clone Q4H9 complete sequence bases
 1.41604.//2.1e-57:522:77//AJ011932
 F-MAMMA1002347//Homo sapiens BAC clone RG136N17 from 7p15-p21, complete sequence.//2.0e-14:258:69//
 AC004129
 35 F-MAMMA1002351//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1059H15, WORK-
 ING DRAFT SEQUENCE.//7.8e-132:723:91//AL022100
 F-MAMMA1002352//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 128O3, WORKING
 DRAFT SEQUENCE.//5.8e-17:326:70//Z98742
 F-MAMMA1002353//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//
 40 1.1e-14:399:63//AC004825
 F-MAMMA1002355//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 109G6, WORKING
 DRAFT SEQUENCE.//3.7e-43:420:75//AL023879
 F-MAMMA1002356//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING
 DRAFT SEQUENCE, 8 unordered pieces.//0.0022:534:59//AC004153
 45 F-MAMMA1002359//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC
 Library) complete sequence.//5.3e-18:156:75//AC005831
 F-MAMMA1002360//Human DNA sequence from cosmid L21F12B, Huntington's Disease Region, chromosome
 4p16.3, contains EST.//4.9e-43:353:69//Z68885
 F-MAMMA1002361//Human DNA sequence from clone 342B11 on chromosome 22q12.1-12.3. Contains ESTs
 50 and a GSS, complete sequence.//1.8e-22:282:74//AL008719
 F-MAMMA1002362//Platymys spixii CR1-like LINE, partial sequence.//0.00058:83:79//D82938
 F-MAMMA1002380//CIT-HSP-2383K24.TF CIT-HSP Homo sapiens genomic clone 2383K24, genomic survey se-
 quence.//4.4e-10:85:92//AQ196889
 F-MAMMA1002384//RPCI11-80J20.TV RPCI11 Homo sapiens genomic clone R-80J20, genomic survey se-
 55 quence.//2.7e-56:286:98//AQ284134
 F-MAMMA1002385//CIT-HSP-2328G13.TF CIT-HSP Homo sapiens genomic clone 2328G13, genomic survey se-
 quence.//5.5e-46:335:84//AQ043985
 F-MAMMA1002392//Homo sapiens PAC clone DJ0797C05 from 7q31, complete sequence.//8.5e-29:273:78//

AC004888

F-MAMMA1002411//Human DNA sequence from clone 1044017 on chromosome Xp11.3-11.4 Contains GSS and STS, complete sequence.//8.2e-09:287:63//AL023 875

5 F-MAMMA1002413//Plasmodium falciparum (strain Dd2) variant-specific surface protein (var1) gene, complete cds.//9.6e-08:730:57//L40608

F-MAMMA1002417//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30G7, WORKING DRAFT SEQUENCE.//4.1e-06:181:72//AL034402

10 F-MAMMA1002427//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//1.3e-51:593:72//AC004604

F-MAMMA1002428

F-MAMMA1002434//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island.//7.3e-56:388:81//Z93023

F-MAMMA1002446//CIT-HSP-2324O22.TR CIT-HSP Homo sapiens genomic clone 2324O22, genomic survey sequence.//2.3e-56:302:95//AQ027479

15 F-MAMMA1002454//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//1.1e-54:190:94//AC005229

F-MAMMA1002461//Rattus norvegicus calcium channel alpha-1 subunit gene, partial cds.//0.00045:457:60//U14005

20 F-MAMMA1002470//Saccharomyces cerevisiae chromosome VIII cosmid 9205.//9.7e-33:709:60//U10556

F-MAMMA1002475//Homo sapiens 12p13.3 PAC RPCI3-340I3 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.092:506:58//AC004671

F-MAMMA1002480//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2-unordered pieces.//0.025:100:76//AC005077

25 F-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds.//2.9e-118:560:98//AF055460

F-MAMMA1002494//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//1.5e-22:297:73//AC005913

F-MAMMA1002498//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//7.2e-10:330:64//AC002477

30 F-MAMMA1002524//Homo sapiens huntingtin gene, partial exon.//0.0080:124:72//L49359

F-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.//1.4e-160:775:97//AF065214

F-MAMMA1002545//Homo sapiens chromosome 17, clone hRPK.74_E_22 complete sequence.//1.9e-41:345:80//AC005696

35 F-MAMMA1002554

F-MAMMA1002556

F-MAMMA1002566

F-MAMMA1002571//CIT-HSP-2296N17.TR CIT-HSP Homo sapiens genomic clone 2296N17, genomic survey sequence.//1.7e-07:76:90//AQ006579

40 F-MAMMA1002573//Homo sapiens DNA, trinucleotide repeats region, clone GAA C27.//2.7e-08:195:70//AB018507

F-MAMMA1002585

F-MAMMA1002590//Homo sapiens BAC clone GS250A16 from 7p21-p22, complete sequence.//2.1e-26:361:69//AC005019

45 F-MAMMA1002597//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1103G7, WORKING DRAFT SEQUENCE.//1.3e-34:550:69//AL034548

F-MAMMA1002598//H.sapiens mRNA for ribosomal protein L7.//1.1e-21:123:100//X57958

F-MAMMA1002603//Homo sapiens chromosome 20, BAC clone 99 (LBNL H80), complete sequence.//0.0018:358:61//AC005220

50 F-MAMMA1002612//Homo sapiens PAC clone DJ0696N01 from 7p21-p22, complete sequence.//2.1e-13:336:63//AC004861

F-MAMMA1002617//Homo sapiens clone DJ1070G24, WORKING DRAFT SEQUENCE, 12 unordered pieces.//0.14:229:64//AC005486

F-MAMMA1002618

55 F-MAMMA1002619//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2.//9.5e-71:319:85//AJ010598

F-MAMMA1002622//Homo sapiens advillin mRNA, complete cds.//1.5e-20:157:90//AF041449

F-MAMMA1002623//Homo sapiens T-cell receptor alpha delta locus from bases 501613 to 752736 (section 3 of 5) of the Complete Nucleotide Sequence.//8.3e-06:137:72//AE000660

F-MAMMA1002625//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1056L3, WORKING

DRAFT SEQUENCE.//1.9e-171:819:98//AL031727
F-MAMMA1002629//Human BAC clone RG385F02 from 7p15, complete sequence.//4.8e-85:478:78//AC003093
F-MAMMA1002636//Human POU domain factor (Brn-3a) gene, exon 2, complete cds.//5.6e-09:499:62//U10063
F-MAMMA1002637//Mus musculus kinesin light chain 2 (Klc2) mRNA, complete cds.//3.6e-115:785:82//AF055666
5 F-MAMMA1002646//Homo sapiens chromosome 2 clone 101B6 map 2p11, complete sequence.//1.5e-45:291:90//
AC002038
F-MAMMA1002650//Homo sapiens candidate tumor suppressor HIC-1 (HIC-1) gene, complete cds.//6.6e-06:661:
59//L41919
F-MAMMA1002655//HS_2003_A2_A11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
10 nomic clone Plate=2003 Col=22 Row=A, genomic survey sequence.//9.0e-15:198:74//AQ224233
F-MAMMA1002662
F-MAMMA1002665//Homo sapiens BAC clone GS588G18 from 7p12-p14, complete sequence.//1.4e-37:235:84//
AC005029
F-MAMMA1002671//Human Cdk-inhibitor p57KIP2 (KIP2) mRNA, complete cds.//0.00027:272:64//U22398
15 F-MAMMA1002673
F-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds.//3.7e-161:752:99//D86987
F-MAMMA1002685//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 39417, WORKING
DRAFT SEQUENCE.//6.2e-45:510:70//AL023585
F-MAMMA1002698//HS_3024_B1_C06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
20 nomic clone Plate=3024 Col=11 Row=F, genomic survey sequence.//1.7e-10:155:75//AQ072214
F-MAMMA1002699//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.//5.9e-75:509:83//
AF018261
F-MAMMA1002701//Homo sapiens gene for AF-6, complete cds.//1.2e-159:749:99//AB011399
F-MAMMA1002708//Human DNA sequence from clone 267M20 on chromosome Xq22.2-22.3. Contains part of
25 the DIAPH2 gene and a pseudogene, ESTs, STSs and GSSs, complete sequence.//3.0e-57:347:79//AL031053
F-MAMMA1002711//Homo sapiens BAC clone GS589P19 from 7p13-p14, complete sequence.//3.4e-31:484:69//
AC005030
F-MAMMA1002721//CIT-HSP-2350M5.TR CIT-HSP Homo sapiens genomic clone 2350M5, genomic survey se-
quence.//1.4e-06:265:63//AQ061245
30 F-MAMMA1002727//Human DNA sequence from clone 67K17 on chromosome 6q24.1-24.3. Contains the HIVP2
(Schnurri-2) gene for HIV type 1 Enhancer-binding Protein 2, and a possible pseudogene in an intron of this gene.
Contains STSs and GSSs and an AAAT repeat polymorphism, complete sequence.//0.18:386:58//AL023584
F-MAMMA1002728//Human DNA sequence from PAC 296K21 on chromosome X contains cytokeatin exon, delta-
aminolevulinic synthase (erythroid); 5-aminolevulinic acid synthase.(EC 2.3.1.37). 6-phosphofructo-2-kinase/
35 fructose-2,6-bisphosphatase (EC 2.7.1.105, EC 3.1.3.46), ESTs and STS.//3.2e-05:362:63//Z83821
F-MAMMA1002744//Plasmodium falciparum chromosome 2, section 5 of 73 of the complete sequence.//0.00010:
535:58//AE001368
F-MAMMA1002746//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence.//1.2e-182:880:
97//AC005856
40 F-MAMMA1002748//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human
PAC Library) complete sequence.//2.7e-175:829:98//AC006055
F-MAMMA1002754//Homo Sapiens Chromosome X clone bWDX171, WORKING DRAFT SEQUENCE, 1 ordered
pieces.//3.1e-31:372:75//AC004676
F-MAMMA1002758//Homo sapiens KIAA0442 mRNA, partial cds.//3.3e-26:151:98//AB007902
45 F-MAMMA1002764//Human Chromosome 11 Cosmid cSRL166a1, complete sequence.//5.2e-49:355:81//U73636
F-MAMMA1002765//RPCI11-20A22.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-20A22, genomic survey
sequence.//6.7e-13:155:76//B92153
F-MAMMA1002769//CIT-HSP-2323G1.TF CIT-HSP Homo sapiens genomic clone 2323G1, genomic survey se-
quence.//9.7e-21:151:90//AQ028244
50 F-MAMMA1002775//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene,
complete cds.//5.6e-105:179:99//U07561
F-MAMMA1002780//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-08, com-
plete sequence.//0.071:277:58//Z98546
F-MAMMA1002782//HS_3213_B2_B08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
55 nomic clone Plate=3213 Col=16 Row=D; genomic survey sequence.//0.00018:219:63//AQ175845
F-MAMMA1002796
F-MAMMA1002807//Human Chromosome X PAC RPCI1-290C9 from the Pieter de Jong Human PAC library; com-
plete sequence.//6.9e-22:332:69//AC002404

- F-MAMMA1002820//Homo sapiens Xp22 bins 87-93 PAC RPCI1-122K4 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//5.9e-11:483:62//AC003035
- F-MAMMA1002830//Homo sapiens chromosome 17, clone hCIT529I10, complete sequence.//1.0e-64:320:83//AC002553
- 5 F-MAMMA1002833//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence.//2.8e-47:413:80//AC004875
- F-MAMMA1002835
- F-MAMMA1002838//A-916H10.TP CIT978SK Homo sapiens genomic clone A-916H10, genomic survey sequence.//1.1e-39:164:83//B14462
- 10 F-MAMMA1002842//Mus musculus c-Cbl associated protein CAP mRNA, complete cds.//1.9e-62:373:81//U58883
- F-MAMMA1002843//Homo sapiens mRNA for KIAA0810 protein, partial cds.//1.7e-135:635:99//AB018353
- F-MAMMA1002844//F1707-T7 IGF Arabidopsis thaliana genomic clone F1707, genomic survey sequence.//6.7e-17:383:66//B11616
- F-MAMMA1002858
- 15 F-MAMMA1002868//RPCI11-54F9.TJ RPCI11 Homo sapiens genomic clone R-54F9, genomic survey sequence.//8.3e-81:392:99//AQ081566
- F-MAMMA1002869//Sequence 1 from patent US 5552529.//2.2e-86:696:78//I25863
- F-MAMMA1002871//Lupinus angustifolius nodulin-45 gene, complete cds.//0.029:370:59//L12388
- F-MAMMA1002880//RPCI11-23M23.TV RPCI-11 Homo sapiens genomic clone RPCI-11-23M23, genomic survey sequence.//1.8e-20:271:74//B86518
- 20 F-MAMMA1002881//Homo sapiens mRNA for 25 kDa trypsin inhibitor, complete cds.//1.2e-28:680:61//D45027
- F-MAMMA1002886//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 380A1, WORKING DRAFT SEQUENCE.//0.00040:505:57//Z97653
- F-MAMMA1002887//HS_3238_B2_G08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=16 Row=N, genomic survey sequence.//5.5e-79:401:97//AQ219814
- 25 F-MAMMA1002890//Mus musculus MHC class III region RD gene, partial cds; Bf, C2, G9A, NG22, G9, HSP70, HSP70, HSC70t, and smRNP genes, complete cds; G7A gene, partial cds; and unknown genes.//4.6e-35:136:73//AF109906
- F-MAMMA1002892//Mouse Cosmid ma66a100 from 14D1-D2, complete sequence.//5.7e-14:450:60//AC004096
- 30 F-MAMMA1002895//H.sapiens CpG island DNA genomic MseI fragment, clone 46b6, forward read cpg46b6.ft1a.//3.7e-36:190:100//Z58616
- F-MAMMA1002908//Penaeus monodon microsatellite locus Pmo27.//1.1e-05:195:62//AF068828
- F-MAMMA1002909//Human Chromosome 11 pac pDJ205d23, complete sequence.//1.0e-13:457:61//AC002402
- F-MAMMA1002930//Homo sapiens Xp22 BAC GSHB-512P14 (Genome Systems Human BAC library) complete sequence.//0.25:260:62//AC004467
- 35 F-MAMMA1002937//H.sapiens ZNF74-1 mRNA.//6.3e-13:577:59//X71623
- F-MAMMA1002938//Homo sapiens mRNA for KIAA0698 protein, complete cds.//5.1e-193:910:98//AB014598
- F-MAMMA1002941//Homo sapiens Chromosome 22q11.2 BAC Clone b437g10 In BCRL2-GGT Region, complete sequence.//2.7e-23:174:77//AC004032
- 40 F-MAMMA1002947//Rhodobacter capsulatus strain SB1003, partial genome.//1.3e-09:475:61//AF010496
- F-MAMMA1002964//Human thiopurine methyltransferase (TPMT) gene, exon 5.//0.0029:314:60//AF019366
- F-MAMMA1002970//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLRS1). Contains ESTs, an STS and GSSs, complete sequence.//4.0e-10:194:71//Z94056
- 45 F-MAMMA1002972//H.sapiens CpG island DNA genomic MseI fragment, clone 2g10, forward read cpg2g10.ft1aa.//0.38:156:66//Z55272
- F-MAMMA1002973//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//2.9e-41:234:79//AC005919
- F-MAMMA1002982//Homo sapiens DNA sequence from PAC 510L9 on chromosome 6p24.1-p25.3.//1.7e-05:322:63//AL022098
- 50 F-MAMMA1002987//CITBI-E1-2514J12.TR CITBI-E1 Homo sapiens genomic clone 2514J12, genomic survey sequence.//0.0064:135:66//AQ275871
- F-MAMMA1003003//cSRL-145D12-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-145D12, genomic survey sequence.//2.8e-31:201:89//B01998
- 55 F-MAMMA1003004//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y237C10, WORKING DRAFT SEQUENCE.//1.6e-10:180:73//AL031601
- F-MAMMA1003007//Homo sapiens (clone cosmid c11q-8D1) tetranucleotide repeat polymorphism at the D11S488 locus.//3.5e-12:435:61//L04732

F-MAMMA1003011//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//2.3e-50:734:67//U79139
 F-MAMMA1003013//Mus musculus chromosome 19, clone CIT282B21, complete sequence.//1.2e-86:341:79//
 AC003694
 F-MAMMA1003015//Homo sapiens Chromosome 16 BAC clone CIT987SK-591M7, complete sequence.//2.6e-
 13:443:61//AC003661
 F-MAMMA1003019//HS_3221_A1_A01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3221 Col=1 Row=A, genomic survey sequence.//2.8e-51:299:92//AQ184271
 F-MAMMA1003026
 F-MAMMA1003031//Homo sapiens chromosome 5, BAC clone 319C17 (LBNL H159), complete sequence.//
 0.0037:134:73//AC005214
 F-MAMMA1003035//RPCI11-11P4.TP RPCI-11 Homo sapiens genomic clone RPCI-11-11P4, genomic survey se-
 quence.//1.1e-07:66:100//B74936
 F-MAMMA1003039//Homo sapiens 12p13.3 PAC RPCI3-340I3 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//2.1e-19:220:76//AC004671
 F-MAMMA1003040//Human DNA sequence from PAC 340N1 on chromosome 1p35-36.2. Contains ESTs, poly-
 morphic CA repeat, trna and endogenous retrovirus.//9.5e-91:469:78//Z98257
 F-MAMMA1003044//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS,
 complete sequence.//0.21:289:61//AL031321
 F-MAMMA1003047//Homo sapiens protein inhibitor of activated STAT protein PIASy mRNA, complete cds.//1.7e-
 139:663:98//AF077952
 F-MAMMA1003049
 F-MAMMA1003055//HS_3014_B2_F10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3014 Col=20 Row=L, genomic survey sequence.//4.2e-05:215:64//AQ164940
 F-MAMMA1003056//HS_3221_B2_D12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3221 Col=24 Row=H, genomic survey sequence.//1.4e-16:206:74//AQ302772
 F-MAMMA1003057//M.domesticus MD6 mRNA.//8.5e-128:654:94//X54352
 F-MAMMA1003066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 273F20, WORKING
 DRAFT SEQUENCE.//1.0:142:71//AL034371
 F-MAMMA1003089//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//1.7e-42:
 373:78//AC004796
 F-MAMMA1003099//Homo sapiens beta-filamin mRNA, complete cds.//2.6e-42:288:88//AF042166
 F-MAMMA1003104//Mus musculus rostral cerebellar malformation protein (rcm) mRNA, complete cds.//1.6e-12:
 477:64//U72634
 F-MAMMA1003113//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.//3.4e-121:789:
 85//AF071316
 F-MAMMA1003127//R.norvegicus MYR1 mRNA for myosin I heavy chain.//9.4e-58:423:83//X68199
 F-MAMMA1003135//Mus musculus dentin sialophosphoprotein precursor (DSPP) mRNA, complete cds.//0.62:
 676:58//U67916
 F-MAMMA1003140
 F-MAMMA1003146//Homo sapiens mRNA for GalT3 protein.//2.2e-80:397:97//Y15062
 F-MAMMA1003150//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 598F2, WORKING
 DRAFT SEQUENCE.//7.3e-123:266:88//AL021579
 F-MAMMA1003166//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING
 DRAFT SEQUENCE.//1.6e-33:143:82//Z99716
 F-NT2RM1000001//Human DNA sequence from clone 393P23 on chromosome Xq21.1-21.33. Contains GSSs,
 complete sequence.//0.50:216:61//Z95400
 F-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds.//4.8e-65:385:92//D31886
 F-NT2RM1000032
 F-NT2RM1000035//Cricetulus griseus SREBP cleavage activating protein (SCAP) mRNA, complete cds.//6.3e-
 135:565:84//U67060
 F-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds.//1.1 e-106:542:95//AB014590
 F-NT2RM1000039//Mouse genetic suppressor element mRNA.//0.080:239:60//L27155
 F-NT2RM1000055//Rattus norvegicus mRNA for TIP120, complete cds.//8.4e-96:535:91//D87671
 F-NT2RM1000059//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 390E6, WORKING
 DRAFT SEQUENCE.//1.0:257:59//AL031600
 F-NT2RM1000062//Nephila clavipes dragline silk protein spidroin 1 gene, partial cds.//0.54:306:63//U37520
 F-NT2RM1000080//Sequence 2 from patent US 5763589.//1.5e-115:566:97//AR012692
 F-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds.//1.8e-114:550:97//AB014561

F-NT2RM1000092//Homo sapiens chromosome 19, cosmid R26894, complete sequence.//0.63:180:65//AC005594
 F-NT2RM1000118//Homo sapiens clone 23763 unknown mRNA, partial cds.//0.027:126:70//AF007155
 F-NT2RM1000119//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 466N1, WORKING
 5 DRAFT SEQUENCE.//0.022:644:58//Z97630
 F-NT2RM1000127//RPCI11-44E5.TJ RPCI11 Homo sapiens genomic clone R-44E5, genomic survey sequence.//1.6e-45:254:94//AQ195884
 F-NT2RM1000131//Homo sapiens mRNA for KIAA0792 protein, complete cds.//5.5e-153:778:95//AB018335
 F-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUF5 subunit mRNA, nuclear gene en-
 10 coding mitochondrial protein, complete cds.//1.1e-90:448:97//AF044959
 F-NT2RM1000153//Human NotI linking clone 924A081D, genomic survey sequence.//5.9e-07:66:96//U49890
 F-NT2RM1000186//Homo sapiens clone 23763 unknown mRNA, partial cds.//0.025:126:70//AF007155
 F-NT2RM1000187//CITBI-E1-2510J4.TR CITBI-E1 Homo sapiens genomic clone 2510J4, genomic survey se-
 quence.//1.1e-05:56:98//AQ261184
 15 F-NT2RM1000199//Mouse mRNA for seizure-related gene product 6 type 2 precursor, complete cds.//1.6e-38:711:65//D64009
 F-NT2RM1000242
 F-NT2RM1000244//HS_2229_A1_C04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2229 Col=7 Row=E, genomic survey sequence.//2.0e-13:95:95//AQ298474
 20 F-NT2RM1000252//Homo sapiens chromosome 17, clone hRPK.206_C_20, complete sequence.//0.023:225:61//AC006070
 F-NT2RM1000256//Caenorhabditis elegans cosmid F22B3, complete sequence.//8.5e-24:473:64//Z68336
 F-NT2RM1000257//Homo sapiens MAGOH mRNA, complete cds.//6.4e-69:455:85//AF035940
 F-NT2RM1000260//Human mRNA for KIAA0130 gene, complete cds.//6.5e-57:460:80//D50920
 25 F-NT2RM1000271
 F-NT2RM1000272
 F-NT2RM1000280//Bos gaurus vacuolar H-ATPase subunit D (VATD) mRNA, complete cds.//6.7e-97:430:92//U11927
 F-NT2RM1000300//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 92N15, WORKING
 30 DRAFT SEQUENCE.//2.1e-96:170:100//Z93097
 F-NT2RM1000314//Human mRNA for KIAA0159 gene, complete cds.//8.1e-127:708:92//D63880
 F-NT2RM1000318//Homo sapiens mRNA for ribosomal protein L39, complete cds.//5.7e-34:182:99//D79205
 F-NT2RM1000341//Homo sapiens full-length insert cDNA clone YP11F06.//1.3e-100:504:97//AF085879
 F-NT2RM1000354//HS_2001_B1_E06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 35 nomic clone Plate=2001 Col=11 Row=J, genomic survey sequence.//1.6e-11:201:73//AQ218494
 F-NT2RM1000355//Mus musculus E25B protein mRNA, complete cds.//1.8e-77:578:82//U76253
 F-NT2RM1000365//Homo sapiens clone DJ0098022, WORKING DRAFT SEQUENCE, 5 unordered pieces.//9.4e-113:367:97//AC004821
 F-NT2RM1000377//H.sapiens mRNA for MAP kinase phosphatase 4.//6.1e-14:362:62//Y08302
 40 F-NT2RM1000388//Azospirillum brasilense lateral flagellin (laf1) gene, complete cds.//1.0:482:58//U26679
 F-NT2RM1000394//M.musculus mRNA for histone H3.3A.//1.7e-94:549:89//Z85979
 F-NT2RM1000399
 F-NT2RM1000421//HS_2213_B1_E01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2213 Col=1 Row=J, genomic survey sequence.//3.6e-08:195:72//AQ032737
 45 F-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//3.7e-84:418:97//AF084928
 F-NT2RM1000499//Human mRNA for KIAA0167 gene, complete cds.//1.3e-35:525:69//D79989
 F-NT2RM1000539//Homo sapiens PAC clone DJ1194E14 from 7p21, complete sequence.//4.6e-73:533:83//AC004993
 50 F-NT2RM1000553
 F-NT2RM1000555//Homo sapiens clone 24514 unknown mRNA.//2.3e-110:555:97//AF070542
 F-NT2RM1000563//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.3e-123:477:100//AC004873
 F-NT2RM1000623//HS_2213_B1_E01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 55 nomic clone Plate=2213 Col=1 Row=J, genomic survey sequence.//8.2e-06:75:89//AQ032737
 F-NT2RM1000648//Halobium cutirubrum L11, L1, L10 and L12 equivalent ribosomal protein gene cluster.//1.3e-06:414:61//X15078
 F-NT2RM1000661//Homo sapiens cap-binding protein 4EHP mRNA, complete cds.//9.3e-54:275:97//AF047695

F-NT2RM1000666//HS_2016_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2016 Col=16 Row=P, genomic survey sequence.//5.7e-13:199:73//AQ227865

F-NT2RM1000669//Human DNA sequence from clone 281H8 on chromosome 6q25.1-25.3. Contains up to four novel genes, one with similarity to KIAA0323 and worm C30F12.1 and another with Ubiquitin-Like protein gene SMT3 (the latter in an intron of a novel gene). Contains ESTs, STSs, GSSs, a putative CpG island and genomic marker D6S1553, complete sequence.//2.7e-94:499:94//AL031133

5 F-NT2RM1000672

F-NT2RM1000691//Homo sapiens HRIHFB2060 mRNA, partial cds.//2.2e-119:582:98//AB015348

F-NT2RM1000699//Caenorhabditis elegans cosmid Y41C4A, complete sequence.//0.95:284:61//AL032627

10 F-NT2RM1000702//HS_3005_A1_A02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3005 Col=3 Row=A, genomic survey sequence.//0.073:290:58//AQ089514

F-NT2RM1000725//Homo sapiens mRNA for neuropathy target esterase.//4.8e-65:435:85//AJ004832

F-NT2RM1000741//Homo sapiens mRNA for KIAA0567 protein, partial cds.//8.0e-126:690:92//AB011139

F-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete cds.//2.5e-66:524:83//AF027208

15 F-NT2RM1000746//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete sequence bases 1.333303.//0.92:395:58//AJ011930

F-NT2RM1000770//Homo sapiens inosine monophosphate dehydrogenase type II gene, complete cds.//2.1e-70:407:92//L39210

F-NT2RM1000772//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//6.6e-36:98:93//AC000380

20 F-NT2RM1000780//Human DNA for 5' terminal region of LINE-1 transposable element clone CGL1-4.//9.3e-22:126:99//X52233

F-NT2RM1000781//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//7.1e-09:540:59//AC004153

25 F-NT2RM1000800//Mus musculus mRNA for B-IND1 protein.//4.0e-81:497:88//Z97207

F-NT2RM1000802

F-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete cds.//3.7e-63:490:84//AF027208

F-NT2RM1000826//Homo sapiens clone 24514 unknown mRNA.//7.2e-153:749:96//AF070542

F-NT2RM1000829//HS_3047_A1_A05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=9 Row=A, genomic survey sequence.//0.74:215:67//AQ099134

30 F-NT2RM1000833//Canis familiaris sec61 homologue mRNA, complete cds.//5.1e-114:683:88//M96629

F-NT2RM1000850//F.rubripes GSS sequence, clone 163A22aF11, genomic survey sequence.//1.1e-26:279:74//AL018762

F-NT2RM1000852//Homo sapiens mRNA for ATP-dependent RNA helicase, partial.//9.3e-148:726:97//AJ010840

35 F-NT2RM1000857//Rattus norvegicus gene for cytochrome P450/6 beta B, exon 2.//0.97:124:65//AB008378

F-NT2RM1000867//H.sapiens DNA sequence surrounding NotI site, clone NRLA143D.//1.2e-31:172:98//K95834

F-NT2RM1000874//Homo sapiens KE05 protein mRNA, complete cds.//2.8e-131:632:97//AF064605

F-NT2RM1000882//Homo sapiens Chromosome 11q12.2 PAC clone pDJ519o13 containing human gene for ferritin heavy chain (FTH), complete sequence.//1.2e-98:214:99//AC004228

40 F-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//2.7e-156:762:97//AF082516

F-NT2RM1000885//Homo sapiens mRNA for KIAA0661 protein, complete cds.//2.0e-17:310:67//AB014561

F-NT2RM1000894//Mus musculus second largest subunit of RNA polymerase I (RPA2) mRNA, complete cds.//3.2e-95:469:83//U58280

45 F-NT2RM1000898

F-NT2RM1000905//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 466N1, WORKING DRAFT SEQUENCE.//1.8e-74:188:98//Z97630

F-NT2RM1000924//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//5.7e-148:601:98//AC004873

50 F-NT2RM1000927//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//0.071:392:60//AC004846

F-NT2RM1000962//H.sapiens CpG island DNA genomic MseI fragment, clone 140d1, forward read cpg140d1.ft1a.//4.1e-35:187:99//Z56803

F-NT2RM1000978//Homo sapiens Chromosome 15q22.3-23 PAC 88m3, WORKING DRAFT SEQUENCE, 2 ordered pieces.//1.1e-23:266:77//AC005959

55 F-NT2RM1001003//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//4.0e-160:760:98//U97067

F-NT2RM1001008//Kaposi's sarcoma-associated herpes-like virus ORF73 homolog gene, complete cds.//1.7e-11:602:61//U52064

F-NT2RM1001043//Human DNA sequence from PAC 27K14 on chromosome Xp11.3-Xp11.4. Contains monoamine oxidase B (MAOB), ESTs and polymorphic CA repeats.//3.9e-93:645:86//Z95125
F-NT2RM1001044//S.pombe chromosome III cosmid c320.//0.90:128:66//AL022245
F-NT2RM1001059//Homo sapiens chromosome 5, Bac clone 58g14 (LBNL H76), complete sequence.//3.8e-53:261:80//AC005915
F-NT2RM1001066//CIT-HSP-2172N17.TF CIT-HSP Homo sapiens genomic clone 2172N17, genomic survey sequence.//0.64:285:59//B94391
F-NT2RM1001072//HS_3115_B1_D07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3115 Col=13 Row=H, genomic survey sequence.//7.3e-23:140:95//AQ147905
F-NT2RM1001074//Homo sapiens chromosome 19, cosmid F20489, complete sequence.//5.0e-50:186:98//AC005263
F-NT2RM1001082//Sequence 1 from Patent WO9718303.//2.1e-144:736:95//A62731
F-NT2RM1001085//CIT-HSP-2310F21.TR CIT-HSP Homo sapiens genomic clone 2310F21, genomic survey sequence.//8.8e-45:235:97//AQ020757
F-NT2RM1001092//HS_3055_B1_G05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3055 Col=9 Row=N, genomic survey sequence.//1.1e-89:471:95//AQ155489
F-NT2RM1001102//Human HEM45 mRNA, complete cds.//1.2e-28:482:63//U88964
F-NT2RM1001105//Homo sapiens hRED1 gene, exon 1 (5'UTR).//0.0014:349:61//Z95973
F-NT2RM1001112//Homo sapiens chromosome 19, cosmid R34094, complete sequence.//0.060:429:58//AC004678
F-NT2RM1001115//Plasmodium falciparum merozoite surface protein 3 (MSP-3) gene, partial cds.//0.93:156:62//AF024624
F-NT2RM1001139//Homo sapiens chromosome 19, fosmid 37502, complete sequence.//1.2e-10:466:59//AC004755
F-NT2RM2000006//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796F18, WORKING DRAFT SEQUENCE.//5.3e-150:724:98//AL031291
F-NT2RM2000013//D.melanogaster DmRP128 gene for RNA polymerase III second-largest subunit.//1.5e-58:749:69//X58826
F-NT2RM2000030//Homo sapiens clone DJ0708P22, WORKING DRAFT SEQUENCE, 11 unordered pieces.//2.1e-97:270:77//AC004863
F-NT2RM2000032//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//1.9e-25:172:76//AL034379
F-NT2RM2000042//Human DNA sequence from cosmid U55E4, between markers DXS6791 and DXS8038 on chromosome X contains ESTs.//5.0e-05:325:65//Z73418
F-NT2RM2000092//Homo sapiens (D8S321 locus) DNA sequence, tetranucleotide repeat polymorphism.//0.63:117:68//L12269
F-NT2RM2000093//Mus musculus major histocompatibility locus class III regions Hsc70t gene, partial cds; smRNP, G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes.//0.38:312:62//AF109905
F-NT2RM2000101
F-NT2RM2000124//Mouse cAMP-dependent protein kinase catalytic subunit mRNA, complete cds.//3.8e-58:297:97//M12303
F-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A2 (PDE9A) mRNA, complete cds.//3.8e-138:653:98//AF067224
F-NT2RM2000192//CIT-HSP-2172B3.TF CIT-HSP Homo sapiens genomic clone 2172B3, genomic survey sequence.//2.2e-33:191:95//B93289
F-NT2RM2000239//F rubripes GSS sequence, clone 156P04aG12, genomic survey sequence.//8.9e-44:445:69//AL018549
F-nnnnnnnnnnnn//Homo sapiens fibroblast growth factor 18 (FGF18) mRNA, complete cds.//0.00020:380:61//AF075292
F-NT2RM2000250//Homo sapiens mRNA for KIAA0590 protein, complete cds.//3.1e-128:615:98//AB011162
F-NT2RM2000259//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 310O13, WORKING DRAFT SEQUENCE.//0.0013:305:63//AL031658
F-NT2RM2000260//Mus musculus WW domain binding protein 15 mRNA, partial sequence.//3.0e-14:645:61//AF073934
F-NT2RM2000287//*** SEQUENCING IN PROGRESS *** EPM1/APECED region of chromosome 21, clones A68E8, B127P21, B173L3, B23N8, C1242C9, C579E2, A70B6, B159G9, B175D10, B52C10, C124G1 Note: Sequencing in this region has been discontinued by the Stanford Human Genome Center, WORKING DRAFT SE-

- QUENCE, 50 unordered pieces.//1.3e-11:96:86//AC003656
- F-NT2RM2000322//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//8.5e-115:233:97//AL031864
- 5 F-NT2RM2000359//Homo sapiens mRNA for KIAA0560 protein, complete cds.//8.8e-175:805:99//AB011132
- F-NT2RM2000363//RPCI11-90B10.TJ RPCI11 Homo sapiens genomic clone R-90B10, genomic survey sequence.//6.7e-15:96:98//AQ285300
- F-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds.//1.2e-94:599:86//U48251
- 10 F-NT2RM2000371//RPCI11-57I4.TJ RPCI11 Homo sapiens genomic clone R-57I4, genomic survey sequence.//1.1e-52:312:91//AQ083343
- F-NT2RM2000374//M. musculus nodal gene, a TGF-beta-like gene.//6.7e-31:196:91//X70514
- F-NT2RM2000395//Leishmania major chromosome 1, complete sequence.//0.99:345:58//AE001274
- F-NT2RM2000402//Arabidopsis thaliana BAC T19D16 genomic sequence.//2.1e-23:414:63//U95973
- 15 F-NT2RM2000407//Mus musculus semaphorin VIa mRNA, complete cds.//1.4e-131:439:88//AF030430
- F-NT2RM2000420//HS_3063_B2_F11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3063 Col=22 Row=L, genomic survey sequence.//3.2e-25:154:95//AQ103204
- F-NT2RM2000422//Rat orphan transporter v7-3 (NTT73) mRNA, complete cds.//1.7e-128:782:86//L22022
- F-NT2RM2000452//HS_3009_B2_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3009 Col=10 Row=H, genomic survey sequence.//1.2e-16:122:90//AQ130794
- 20 F-NT2RM2000469//HS_2019_A1_G02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2019 Col=3 Row=M, genomic survey sequence.//9.6e-22:176:85//AQ229041
- F-NT2RM2000490//Homo sapiens mRNA for KIAA0747 protein, partial cds.//7.5e-15:386:63//AB018290
- F-NT2RM2000502
- 25 F-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//5.1e-171:824:97//AF061243
- F-NT2RM2000522
- F-NT2RM2000540
- F-NT2RM2000556//Homo sapiens 12q13.1 PAC RPCI5-1057I20 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.9e-42:344:82//AC004466
- 30 F-NT2RM2000566//Homo sapiens integrin alpha-7 mRNA, complete cds.//2.8e-154:751:97//AF072132
- F-NT2RM2000567//Pseudomonas aeruginosa enoyl-CoA hydratase gene, partial cds; pilin biosynthetic protein (fimL) gene, complete cds; and unknown gene.//3.0e-06:664:58//AF083252
- F-NT2RM2000569//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//1.3e-15:348:67//AL031681
- 35 F-NT2RM2000577//RPCI11-43G22.TJ RPCI11 Homo sapiens genomic clone R-43G22, genomic survey sequence.//1.6e-14:155:80//AQ199391
- F-NT2RM2000581//Homo sapiens mRNA for KIAA0214 protein, complete cds.//5.4e-174:820:98//D86987
- F-NT2RM2000588//Homo sapiens 12q13.1 PAC RPCI5-1057I20 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.1e-60:344:82//AC004466
- 40 F-NT2RM2000594//Mus musculus DNA cytosine-5 methyltransferase 3B1 (Dnmt3b) mRNA, alternatively spliced, complete cds.//4.9e-118:761:85//AF068626
- F-NT2RM2000599//O.sativa osr40g3 gene.//0.30:585:56//Y08988
- F-NT2RM2000609
- F-NT2RM2000612//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//7.8e-102:709:83//U35776
- 45 F-NT2RM2000623//Homo sapiens chromosome 19, cosmid F19847, complete sequence.//3.4e-17:450:65//AC005952
- F-NT2RM2000624
- 2.9e-06:231:64//Z82061
- 50 F-NT2RM2000635//Homo sapiens mRNA for KIAA0729 protein, partial cds.//6.3e-142:664:98//AB018272
- F-NT2RM2000636//Homo sapiens mRNA for KIAA0658 protein, partial cds.//7.4e-138:664:98//AB014558
- F-NT2RM2000639//RPCI11-69E5.TJ RPCI11 Homo sapiens genomic clone R-69E5, genomic survey sequence.//3.7e-14:97:97//AQ267491
- F-NT2RM2000649//Homo sapiens mRNA for KIAA0676 protein, partial cds.//1.1e-167:518:99//AB014576
- 55 F-NT2RM2000669
- F-NT2RM2000691//Homo sapiens chromosome 2 clone 101B6 map 2p11, complete sequence.//1.1e-106:748:82//AC002038
- F-NT2RM2000714//Human mRNA for KIAA0231 gene, partial cds.//6.8e-49:748:64//D86984

F-NT2RM2000718//Homo sapiens HRIHFB2436 mRNA, partial cds.//2.4e-124:594:98//AB015342
 F-NT2RM2000735//Human ZNF43 mRNA.//8.4e-111:756:82//X59244
 F-NT2RM2000740//Mus musculus lymphocyte specific helicase mRNA, complete cds.//1.3e-141:815:89//U25691
 F-NT2RM2000795//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 439F8, WORKING
 5 DRAFT SEQUENCE.//1.0e-78:723:76//AL021392
 F-NT2RM2000821//Rat mRNA for beta COP.//2.0e-150:879:88//X57228
 F-NT2RM2000837//Homo sapiens BAC clone GS214N13 from 7p14-p15, complete sequence.//1.1e-05:361:62//
 AC005017
 F-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//8.7e-184:847:99//AB015046
 10 F-NT2RM2000952
 F-NT2RM2000984//Mus musculus major histocompatibility locus class III regions Hsc70t gene, partial cds; sm-
 RNP, G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes.//
 7.6e-41:239:76//AF109905
 F-NT2RM2001004//CIT-HSP-2333N18.TR CIT-HSP Homo sapiens genomic clone 2333N18, genomic survey se-
 15 quence.//1.1e-11:298:66//AQ035862
 F-NT2RM2001035//Mus musculus mCAF1 protein mRNA, complete cds.//1.4e-120:627:91//U21855
 F-NT2RM2001065//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds.//6.8e-118:690:88//
 AF071314
 F-NT2RM2001100//Homo sapiens clone DJ0742P04, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.3e-
 20 145:614:99//AC004873
 F-NT2RM2001105//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50Q24, WORKING
 DRAFT SEQUENCE.//2.7e-95:461:99//AL034380
 F-NT2RM2001131//Kaposi's sarcoma-associated herpes-like virus ORF73 homolog gene, complete cds.//7.2e-
 24:726:62//U52064
 25 F-NT2RM2001141
 F-NT2RM2001152//Homo sapiens DNA sequence from PAC 93L7 on chromosome Xq21. Contains part of the
 CHM (TCD, REP1) gene coding for RAB Escort protein 1 (REP-1, RAB proteins geranylgeranyltransferase com-
 ponent A 1, Choroideraemia protein, Tapetochoroidal Dystrophy (TCD) protein). Contains ESTs and an STS, com-
 plete sequence.//0.98:300:62//AL022401
 30 F-NT2RM2001177//Homo sapiens clone NH0313P13, WORKING DRAFT SEQUENCE, 15 unordered pieces.//
 1.2e-147:741:96//AC005488
 F-NT2RM2001194//Suid herpesvirus 1 UL5 gene, partial cds, UL6 and UL7 genes, complete cds, UL8 gene, partial
 cds.//0.026:408:59//U66829
 F-NT2RM2001196//Homo sapiens clone DJ1173I20, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.2e-
 35 135:627:98//AC004987
 F-NT2RM2001201//Mus musculus clone OST431, genomic survey sequence.//6.1e-80:503:86//AF046700
 F-NT2RM2001221//Chimpanzee (P.paniscus) involucrin, complete cds.//0.53:670:55//M26514
 F-NT2RM2001238//Rat glutaminase mRNA, complete cds.//3.4e-128:719:90//M65150
 F-NT2RM2001243
 40 F-NT2RM2001247//CITBI-E1-2521M18.TR CITBI-E1 Homo sapiens genomic clone 2521M18, genomic survey
 sequence.//0.0011:274:59//AQ276184
 F-NT2RM2001256//M.musculus mRNA for 200 kD protein.//2.3e-129:742:90//X80169
 F-NT2RM2001291//CIT-HSP-2010I15.TR CIT-HSP Homo sapiens genomic clone 2010I15, genomic survey se-
 quence.//4.6e-09:156:72//B57734
 45 F-NT2RM2001306//RPCI11-28I5.TP RPCI-11 Homo sapiens genomic clone RPCI-11-28I5, genomic survey se-
 quence.//0.069:234:64//B84850
 F-NT2RM2001312//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//1.1e-22:111:
 81//AC005919
 F-NT2RM2001319//Borrelia burgdorferi (section 4 of 70) of the complete genome.//0.99:340:58//AE001118
 50 F-NT2RM2001324//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 209H1, WORKING
 DRAFT SEQUENCE.//3.7e-44:340:85//Z84465
 F-NT2RM2001345//HS_3005_A1_A02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3005 Col=3 Row=A, genomic survey sequence.//0.042:290:58//AQ089514
 F-NT2RM2001360//Human HeLa mRNA isolated as a false positive in a two-hybrid-screen.//5.0e-60:365:87//
 55 U56429
 F-NT2RM2001370//Homo sapiens PAC clone DJ0815D20 from 7p11-p13, complete sequence.//0.98:415:58//
 AC004899
 F-NT2RM2001393//Homo sapiens Chromosome 22q11.2 PAC Clone p_m11 In BCRL2-GGT Region, complete

sequence.//4.0e-54:394:75//AC004033
 F-NT2RM2001420//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE.//2.8e-169:789:99//AL033520
 F-NT2RM2001424//Homo sapiens mRNA for E1B-55kDa-associated protein.//7.1e-96:453:99//AJ007509
 5 F-NT2RM2001499//Rattus norvegicus mRNA for cationic amino acid transporter 3, complete cds.//7.1e-91:601:83//AB000113
 F-NT2RM2001504//Homo sapiens chromosome 19, cosmid R30017, complete sequence.//0.81:200:69//AC005624
 F-NT2RM2001524//Arabidopsis thaliana DNA chromosome 4, ESSA I AP2 contig fragment No. 2.//3.8e-16:316:65//Z99708
 10 F-NT2RM2001544
 F-NT2RM2001547//Caenorhabditis elegans cosmid Y47H9C, complete sequence.//3.3e-24:318:67//AL032657
 F-NT2RM2001575//Human 52-kD ribonucleoprotein Ro/SSA mRNA, complete cds.//2.1e-26:582:64//M34551
 F-NT2RM2001582//M.musculus red-1 gene.//1.4e-102:581:90//X92750
 15 F-NT2RM2001588//Homo sapiens KIAA0442 mRNA, partial cds.//7.0e-10:282:65//AB007902
 F-NT2RM2001592//Rattus norvegicus rexo70 mRNA, complete cds.//9.6e-131:736:90//AF032667
 F-NT2RM2001605//RBP2=retinoblastoma binding protein 2 [human, Nalm-6 pre-B cell leukemia, mRNA, 6455 nt].//2.3e-85:749:75//S66431
 F-NT2RM2001613//Rattus rattus sec61 homologue mRNA, complete cds.//8.6e-118:779:85//M96630
 20 F-NT2RM2001632//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//1.5e-50:561:71//AC004691
 F-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds.//9.2e-153:740:98//AB014518
 F-NT2RM2001637//F.rubripes GSS sequence, clone 155D22bD8, genomic survey sequence.//2.5e-13:224:64//Z91020
 25 F-NT2RM2001641//CIT-HSP-2347F23.TF CIT-HSP Homo sapiens genomic clone 2347F23, genomic survey sequence.//1.3e-67:340:98//AQ060913
 F-NT2RM2001648//Canis familiaris sec61 homologue mRNA, complete cds.//1.4e-110:459:89//M96629
 F-NT2RM2001652//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//1.2e-153:807:93//AF023451
 30 F-NT2RM2001659//nbxb0002cE07f CUGI Rice BAC Library Oryza sativa genomic clone nbxb0002J13f, genomic survey sequence.//1.0:485:56//AQ051653
 F-NT2RM2001664//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//3.7e-172:802:99//AF044195
 F-NT2RM2001668
 35 F-NT2RM2001670//Homo sapiens complete genomic sequence between D16S3070 and D16S3275, containing Familial Mediterranean Fever gene disease.//3.2e-18:279:70//AJ003147
 F-NT2RM2001671//Oryctolagus cuniculus sarcolemmal associated protein-3 mRNA; complete cds.//1.6e-137:683:94//U21157
 F-NT2RM2001675//RPC111-51J16.TJ RPC111 Homo sapiens genomic clone R-51J16, genomic survey sequence.//1.0:394:58//AQ053677
 40 F-NT2RM2001681//Arabidopsis thaliana DNA chromosome 4, BAC clone T8O5 (ESSAII project).//0.87:220:61//AL021890
 F-NT2RM2001688//B.parapertussis bvg locus (transcription regulators of virulence factors) with bvgA and bvgS genes.//1.0:286:62//X52948
 45 F-NT2RM2001695//CIT-HSP-345H13.TVB CIT-HSP Homo sapiens genomic clone 345H13, genomic survey sequence.//3.2e-53:241:82//B59854
 F-NT2RM2001696//Mouse DNA with homology to EBV IR3 repeat, segment 2, clone Mu2.//1.2e-05:306:58//M10668
 F-NT2RM2001698//Homo sapiens DNA sequence from PAC 163M9 on chromosome 1p35.1-p36.21. Contains protein synthesis factor (eIF-4C), D1F15S1A pseudogene, ESTs, STS, GSS, complete sequence.//6.0e-06:548:59//AL021920
 50 F-NT2RM2001699//HS_3195_8B2_DO1_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3195 Col=2 Row=H, genomic survey sequence.//2.7e-07:322:61//AQ189056
 F-NT2RM2001700//Mycobacterium tuberculosis H37Rv complete genome; segment 109/162.//7.8e-05:354:58//Z95556
 55 F-NT2RM2001706//Homo sapiens chromosome Xp22-67-68, WORKING DRAFT SEQUENCE, 99 unordered pieces.//7.5e-42:335:81//AC004469
 F-NT2RM2001716

- F-NT2RM2001718//*Drosophila melanogaster* DNA sequence (P1 DS04106 (D172)), complete sequence.//4.2e-08:536:58//AC004290
- F-NT2RM2001723//*Homo sapiens* clone 23770 mRNA sequence.//1.4e-26:163:95//AF052123
- F-NT2RM2001727//*Homo sapiens* mRNA for KIAA0462 protein, partial cds.//6.2e-111:530:98//AB007931
- 5 F-NT2RM2001730//*Homo sapiens* chromosome 21 PAC RPCIP704E14135Q2.//3.1e-102:248:95//AJ010598
- F-NT2RM2001743
- F-NT2RM2001753//*Caenorhabditis elegans* cosmid F45E6, complete sequence.//0.11:138:66//Z68117
- F-NT2RM2001760//*Canis familiaris* sec61 homologue mRNA, complete cds.//9.4e100:418:88//M96629
- 10 F-NT2RM2001768//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D *Homo sapiens* genomic clone Plate=3064 Col=8 Row=B, genomic survey sequence.//3.1e-28:153:100//AQ136993
- F-NT2RM2001771//*Homo sapiens* chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//1.3e-66:680:72//AC006116
- F-NT2RM2001782
- F-NT2RM2001784//*Bovine herpesvirus type 1* (Cooper) DNA (30 kb).//0.027:384:60//Z48053
- 15 F-NT2RM2001785//*Homo sapiens* chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene, complete sequence.//1.6e-18:229:65//AC004770
- F-NT2RM2001797//HS_3045_AT_D01_MF CIT Approved Human Genomic Sperm Library D *Homo sapiens* genomic clone Plate=3045 Col=1 Row=G, genomic survey sequence.//1.4e-74:381:97//AQ129456
- F-NT2RM2001800
- 20 F-NT2RM2001803//*Homo sapiens* IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//8.3e-178:827:99//AF044195
- F-NT2RM2001805//*Malus domestica* leucine-rich receptor-like protein kinase (LRPKm1) gene, 5' flanking region and 5' UTR.//1.0:290:58//AF053126
- F-NT2RM2001813//CIT-HSP-2169F21.TR CIT-HSP *Homo sapiens* genomic clone 2169F21, genomic survey sequence.//3.3e-16:109:95//B89870
- 25 F-NT2RM2001823//*Drosophila melanogaster* DNA sequence (P1 DS07049 (D133)), complete sequence.//5.8e-62:819:68//AC004274
- F-NT2RM2001839//*Homo sapiens* calumein (Calu) mRNA, complete cds.//3.6e-131:738:90//AF013759
- F-NT2RM2001840//*Homo sapiens* chromosome 17, clone 297N7, complete sequence.//1.1e-57:422:79//AC002347
- 30 F-NT2RM2001855//HS_3224_A1_H07_MR CIT Approved Human Genomic Sperm Library D *Homo sapiens* genomic clone Plate=3224 Col=13 Row=O, genomic survey sequence.//0.00012:68:91//AQ205285
- F-NT2RM2001867//Human DNA sequence from clone 889N15 on chromosome Xq22.1-22.3. Contains part of the gene for a novel protein similar to *X. laevis* Cortical Thymocyte Marker CTX, the possibly alternatively spliced gene for 26S Proteasome subunit p28 (Ankyrin repeat protein), a novel gene and exons 36 through 45 of the COL4A6 for Collagen Alpha 6(IV). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence.//0.068:102:70//AL031177
- 35 F-NT2RM2001879//Human DNA sequence from cosmid cU72E5, between markers DXS366 and DXS87 on chromosome X.//0.0029:500:59//Z68328
- 40 F-NT2RM2001886//*Homo sapiens* mRNA for KIAA0710 protein, complete cds.//1.9e-187:866:97//AB014610
- F-NT2RM2001896//*S. cerevisiae* chromosome III complete DNA sequence.//8.6e-30:613:63//X59720
- F-NT2RM2001903//*Homo sapiens* mRNA for KIAA0462 protein, partial cds.//2.9e-176:859:97//AB007931
- F-NT2RM2001930//*M. musculus* mRNA for semaphorin G.//4.7e-117:730:85//X97818
- F-NT2RM2001935//Sequence 11 from Patent WO9610637.//1.0:356:60//A50028
- 45 F-NT2RM2001936//*Homo sapiens* clone 614 unknown mRNA, complete sequence.//6.9e-138:653:98//AF091080
- F-NT2RM2001950//RPCI11-24L12.TP RPCI-11 *Homo sapiens* genomic clone RPCI-11-24L12, genomic survey sequence.//2.7e-19:188:81//B86700
- F-NT2RM2001982//*Arabidopsis thaliana* chromosome II BAC T24121 genomic sequence, complete sequence.//0.42:179:65//AC005825
- 50 F-NT2RM2001983//*Homo sapiens* RGS-GAIP interacting protein GIPC mRNA, complete cds.//3.8e-20:123:98//AF089816
- F-NT2RM2001989//Sequence 3 from patent US 5747317.//1.9e-167:786:98//AR004981
- F-NT2RM2001997//Human HepG2 partial cDNA, clone hmd1b08m5.//9.6e-25:160:95//D16955
- F-NT2RM2001998//*Homo sapiens* DNA, chromosome 21q22.2, PAC clone 25P16 complete sequence, encoding carbonyl reductase and carbonyl reductase 3 (complete cds).//0.88:380:60//AB003151
- 55 F-NT2RM2002004//Human Chromosome X, complete sequence.//5.0e-88:831:77//AC002407
- F-NT2RM2002014
- F-NT2RM2002030//*Mus musculus* glutamine:fructose-6-phosphate amidotransferase mRNA, complete cds.//

1.5e-89:822:74//U00932
 F-NT2RM2002049//Bovine elastin mRNA, partial cds.//8.8e-11:125:81//M26132
 F-NT2RM2002055
 F-NT2RM2002088//Mus musculus WW domain binding protein 17 mRNA, partial sequence.//1.4e-15:421:63//
 5 AF073936
 F-NT2RM2002091//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50O24, WORKING
 DRAFT SEQUENCE.//4.6e-160:771:98//AL034380
 F-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial.//7.7e-164:776:98//AJ010840
 F-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds.//
 10 2.4e-143:684:98//AF030435
 F-NT2RM2002128//Mesocricetus auratus guanine nucleotide-binding protein beta 5 (Gnb5) mRNA, complete
 cds.//7.0e-27:330:73//U13152
 F-NT2RM2002142//Danio rerio gastrulation specific (G12) mRNA, complete cds.//6.3e-10:135:80//U27121
 F-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//4.2e-143:800:
 15 92//AF084928
 F-NT2RM2002178//Homo sapiens mRNA for KIAA0467 protein, partial cds.//5.2e-164:787:97//AB007936
 F-NT2RM2002580//Drosophila melanogaster DNA sequence (P1 DS02110 (D147)), complete sequence.//7.4e-
 13:337:62//AC004423
 F-NT2RM4000024//D.melanogaster DmRP128 gene for RNA polymerase III second-largest subunit.//1.2e-62:
 20 801:70//X58826
 F-NT2RM4000027//Caenorhabditis elegans cosmid F09E5.//0.36:336:60//U37429
 F-NT2RM4000030//H.sapiens CpG island DNA genomic Mse1 fragment, clone 56h10, forward read
 cpg56h10.ft1a.//9.3e-22:127:100//Z55685
 F-NT2RM4000046//Curcubita maxima 25S - 18S rDNA intergenic spacer.//4.1e-05:386:60//X13059
 25 F-NT2RM4000061
 F-NT2RM4000085//B.taurus mRNA for nuclear DNA helicase II.//1.9e-10:485:59//X82829
 F-NT2RM4000086
 F-NT2RM4000104//Homo sapiens chromosome 16 zinc finger protein ZNF210 (ZNF210) mRNA, complete cds.//
 4.2e-23:345:69//AF060865
 30 F-NT2RM4000139//R.norvegicus trg mRNA.//1.4e-56:708:69//X68101
 F-NT2RM4000155//CIT-HSP-2282N15.TR CIT-HSP Homo sapiens genomic clone 2282N15, genomic survey se-
 quence.//3.0e-09:88:90//AQ000070
 F-NT2RM4000156//H.sapiens HPBR11-7 gene.//2.0e-21:586:60//X67336
 F-NT2RM4000167//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//2.7e-143:810:
 35 90//D12646
 F-NT2RM4000169//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0054:746:57//AC004157
 F-NT2RM4000191//Mus musculus cathepsin S (CatS) gene, promoter region and exons 1 and 2.//0.00018:468:
 60//AF051726
 40 F-NT2RM4000197
 F-NT2RM4000199//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING
 DRAFT SEQUENCE.//0.67:461:60//AL031667
 F-NT2RM4000200
 F-NT2RM4000202//H.sapiens CpG island DNA genomic Mse1 fragment, clone 34c2, forward read cpg34c2.ft1a.//
 45 1.7e-27:190:90//Z65361
 F-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds.//1.4e-182:856:98//AB018255
 F-NT2RM4000215//S.cerevisiae MAK16 protein gene, complete cds, and LTE1 protein gene, 3' end.//3.1e-31:731:
 62//J03852
 F-NT2RM4000229//Homo sapiens chromosome 10 clone CIT987SK-1144G6 map 10q25.1, complete sequence.//
 50 4.6e-102:233:94//AC005383
 F-NT2RM4000233//Mus musculus semaphorin VIa mRNA, complete cds.//1.6e-135:835:86//AF030430
 F-NT2RM4000244//RPCI11-24P15.TV RPCI-11 Homo sapiens genomic clone RPCI-11-24P15, genomic survey
 sequence.//5.5e-08:422:62//B86757
 F-NT2RM4000251//Mus musculus clone UWGC:mbac92 from 14D1-D2 (T-Cell Receptor Alpha Locus), complete
 55 sequence.//0.98:207:60//AC005855
 F-NT2RM4000265//Homo sapiens Chromosome 11q12.2 PAC clone pDJ1081b4 containing human mRNA for T-
 cell glycoprotein CD6, complete sequence.//5.2e-41:707:65//AC003689
 F-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete cds.//7.9e-153:609:93//

M99438
 F-NT2RM4000324
 F-NT2RM4000327//Rattus norvegicus guanine nucleotide binding protein beta 4 subunit mRNA, partial cds.//3.9e-44:727:68//AF022085
 5 F-NT2RM4000344//Mus musculus ATP-dependent metalloprotease FtsH1 mRNA, complete cds.//1.0e-143:801:90//AF090430
 F-NT2RM4000349//Mus musculus clone OST431, genomic survey sequence.//6.1e-80:503:86//AF046700
 F-NT2RM4000354//HS_2221_A2_C07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2221 Col=14 Row=E, genomic survey sequence.//1.0e-20:180:83//AQ253449
 10 F-NT2RM4000356
 F-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds.//1.6e-133:628:99//AB014542
 F-NT2RM4000368//RPCI11-91B5.TJ RPCI11 Homo sapiens genomic clone R-91B5, genomic survey sequence.//5.0e-12:431:61//AQ283217
 F-NT2RM4000386//Mus musculus DOC4 (Doc4) mRNA, complete cds.//7.4e-86:845:72//AF059485
 15 F-NT2RM4000395//Saccharomyces cerevisiae chromosome VI cosmid 9965.//2.5e-34:767:61//D44597
 F-NT2RM4000414//Homo sapiens XYLB mRNA for xylulokinase, complete cds.//1.5e-15:114:94//AB015046
 F-NT2RM4000421
 F-NT2RM4000425//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//1.5e-37:295:82//AC005921
 20 F-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds.//3.9e-94:740:78//AF062476
 F-NT2RM4000457//CIT-HSP-2346B17.TR CIT-HSP Homo sapiens genomic clone 2346B17, genomic survey sequence.//1.5e-22:149:92//AQ062111
 F-NT2RM4000471//Homo sapiens mRNA for putative tRNA splicing protein, partial.//1.3e-76:386:97//AJ010952
 25 F-NT2RM4000486//Homo sapiens mRNA, complete cds, clone:RES4-22A, //1.1e-22:356:67//AB000459
 F-NT2RM4000496//Homo sapiens 12p13.3 BAC RPCI11-476M19 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//0.53:198:70//AC005908
 F-NT2RM4000511
 F-NT2RM4000514
 30 F-NT2RM4000515//CIT-HSP-2285L3.TR CIT-HSP Homo sapiens genomic clone 2285L3, genomic survey sequence.//0.0012:200:66//AQ000113
 F-NT2RM4000520
 F-NT2RM4000531//Human zinc finger protein 42 (MZF-1) mRNA, complete cds.//2.9e-31:732:64//M58297
 F-NT2RM4000532//HS_3231_B1_C05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3231 Col=9 Row=F, genomic survey sequence.//1.3e-59:362:90//AQ192093
 35 F-NT2RM4000534
 F-NT2RM4000585//CITBI-E1-2508I18.TR CITBI-E1 Homo sapiens genomic clone 2508I18, genomic survey sequence.//1.1e-34:208:93//AQ260706
 F-NT2RM4000590//CIT-HSP-2291M14.TF CIT-HSP Homo sapiens genomic clone 2291M14, genomic survey sequence.//8.3e-34:180:99//AQ004125
 40 F-NT2RM4000595//Homo sapiens chromosome 17, clone hCIT.131_K_11, complete sequence.//1.2e-09:203:66//AC005288
 F-NT2RM4000603//Human mRNA for KIAA0392 gene, partial cds.//5.3e-14:305:68//AB002390
 F-NT2RM4000611//CIT-HSP-2169F21.TR CIT-HSP Homo sapiens genomic clone 2169F21, genomic survey sequence.//8.4e-16:109:94//B89870
 45 F-NT2RM4000616//D.melanogaster mRNA for acetyl-CoA synthetase.//2.3e-59:721:68//Z46786
 F-NT2RM4000674
 F-NT2RM4000689//CIT-HSP-2381O13.TF CIT-HSP Homo sapiens genomic clone 2381O13, genomic survey sequence.//2.6e-31:174:97//AQ110303
 50 F-NT2RM4000698
 F-NT2RM4000700
 F-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds.//1.1e-89:744:77//AF022789
 F-NT2RM4000717
 55 F-NT2RM4000733//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//2.1e-140:299:99//AL034379
 F-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds.//3.8e-158:743:98//AB018303
 F-NT2RM4000741

EP 1 074 617 A2

F-NT2RM4000751//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//7.1e-95:754:77//M99593
F-NT2RM4000764
F-NT2RM4000778//Caenorhabditis elegans cosmid F36H12.//0.30:523:60//AF078790
5 F-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds.//5.5e-172:810:98//AB007920
F-NT2RM4000787//Human DNA sequence from PAC 370M22 on chromosome 22q12-qter. contains GRB2 ADAP-TOR LIKE PROTEIN, UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (UQCRFS1) exon, ESTs, STS, CA repeat and CpG island.//0.0057:163:69//Z82206
F-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216, complete sequence.//6.9e-39:237:94//AC005306
10 F-NT2RM4000795//Rattus norvegicus neuroligin 3 mRNA, complete cds.//5.9e-97:857:74//U41663
F-NT2RM4000796//HS_3214_B1_F11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3214 Col=21 Row=L, genomic survey sequence.//1.1e-14:254:68//AQ175988
F-NT2RM4000798//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//6.2e-78:816:72//AF023451
15 F-NT2RM4000813//Leishmania major glycoprotein 96-92 (GP 96-92) gene, partial cds.//0.33:276:63//M63109
F-NT2RM4000820//, complete sequence.//2.6e-142:450:97//AC005406
F-NT2RM4000833//Drosophila melanogaster DNA sequence (P1 DS05273 (D80)), complete sequence.//1.9e-52:501:71//AC004373
20 F-NT2RM4000848//Homo sapiens chromosome 17, clone hRPK.167_N_20, complete sequence.//1.0:477:56//AC005940
F-NT2RM4000852
F-NT2RM4000855//Homo sapiens chromosome 17, clone hCIT.457_L_16, complete sequence.//3.4e-29:229:83//AC003957
25 F-NT2RM4000887
F-NT2RM4000895//Homo sapiens HuUAP1 mRNA for UDP-N-acetylglucosamine pyrophosphorylase, complete cds.//2.1e-20:407:64//AB011004
F-NT2RM4000950//Homo sapiens clone DJ0917G04, WORKING DRAFT SEQUENCE, 35 unordered pieces.//0.41:311:64//AC004929
30 F-NT2RM4000971//RPC111-53H3.TJ RPC111 Homo sapiens genomic clone R-53H3, genomic survey sequence.//1.0:208:64//AQ053735
F-NT2RM4000979//Homo sapiens chromosome 17, clone hRPK.642_C_21, complete sequence.//1.3e-19:207:78//AC005245
F-NT2RM4000996//CITBI-E1-2506B10.TF CITBI-E1 Homo sapiens genomic clone 2506B10, genomic survey sequence.//1.4e-73:361:98//AQ263651
35 F-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds.//5.1e-170:803:98//AB018272
F-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds.//3.3e-125:584:99//AB014539
F-NT2RM4001032//Gallus gallus chicken brain factor-2 (CBF-2) mRNA, complete cds.//0.00034:777:58//U47276
F-NT2RM4001047//MO25 gene [mice, embryos, mRNA, 2322 nt].//2.5e-92:776:74//S51858
40 F-NT2RM4001054//Canis familiaris sec61 homologue mRNA, complete cds.//3.1e-102:859:76//M96629
F-NT2RM4001084//CIT-HSP-2330F9.TR CIT-HSP Homo sapiens genomic clone 2330F9, genomic survey sequence.//4.6e-78:379:99//AQ044479
F-NT2RM4001092//cSRL-71b1-u cSRL flow sorted Chromosome 11 specific cosmid Homosapiens genomic clone cSRL-71b1, genomic survey sequence.//1.1e-12:152:75//B05776
45 F-NT2RM4001116
F-NT2RM4001140//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete sequence.//1.9e-136:717:93//AC004593
F-NT2RM4001151//Streptomyces antibioticus ATP-binding protein and membrane protein (oleC-ORF1, oleC-ORF2, oleC-ORF3, oleC-ORF4, and oleC-PRF5) genes, complete cds; 3427 base-pairs.//0.0083:368:60//L06249
50 F-NT2RM4001155//Bos taurus 50 kDa protein (adp50) mRNA, complete cds.//3.9e-120:764:85//U04706
F-NT2RM4001160
F-NT2RM4001187
F-NT2RM4001191//CIT-HSP-2010E7.TF CIT-HSP Homo sapiens genomic clone 2010E7, genomic survey sequence.//6.2e-12:181:72//B53378
55 F-NT2RM4001200//H.sapiens HZF10 mRNA for zinc finger protein.//1.3e-66:799:69//X78933
F-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//4.2e-152:707:99//AF004828
F-NT2RM4001204

- F-NT2RM4001217//Homo sapiens ectoderm-neural cortex-1 protein (ENC-1) mRNA, complete cds.//1.6e-62:715:70//AF005381
- F-NT2RM4001256//Human NotI linking clone 924A058R, genomic survey sequence.//7.6e-14:109:90//U49884
- 5 F-NT2RM4001258//HS_3171_B2_G09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3171 Col=18 Row=N, genomic survey sequence.//2.5e-18:215:77//AQ149676
- F-NT2RM4001309//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//4.9e-28:526:66//AL022163
- 10 F-NT2RM4001313//H.sapiens mRNA for phosphatidylinositol 3-kinase.//2.5e-77:474:89//Z46973
- F-NT2RM4001316//Caenorhabditis elegans cosmid K09H11.//1.2e-16:230:73//U97002
- F-NT2RM4001320//Homo sapiens mRNA for Neuroblastoma, complete cds.//1.1e-41:642:66//D89016
- F-NT2RM4001340//EP(3)0614 Drosophila melanogaster EP line Drosophila melanogaster genomic Sequence recovered from 5' end of P element, genomic survey sequence.//0.0040:141:68//AQ025127
- 15 F-NT2RM4001344//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y1E3, WORKING DRAFT SEQUENCE.//5.5e-06:469:60//AL021388
- F-NT2RM4001347
- F-NT2RM4001371//Arabidopsis thaliana chromosome II BAC T20K9 genomic sequence, complete sequence.//0.10:400:61//AC004786
- 20 F-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds.//2.2e-167:790:98//AF098799
- F-NT2RM4001384//Homo sapiens DNA sequence from BAC 747E2 on chromosome 22q12.1. Contains ESTs, STSs and GSSs and genomic marker D22S56, complete sequence.//0.99:255:59//AL021393
- F-NT2RM4001410//Homo sapiens genomic DNA, chromosome 21q11.1, segment 1/5, WORKING DRAFT SEQUENCE.//0.027:336:58//AP000023
- 25 F-NT2RM4001411//Mus musculus Pro-rich, PH, SH2 domain-containing signaling mediator (PSM) mRNA, complete cds.//5.9e-124:783:85//AF020526
- F-NT2RM4001412//Rattus norvegicus GTPase activating protein SynGAP-c mRNA, complete cds.//2.2e-34:418:71//AF050183
- F-NT2RM4001414//Homo sapiens full-length insert cDNA clone ZE16C11.//9.1e-76:363:100//AF086563
- 30 F-NT2RM4001437//Homo sapiens chromosome 5, BAC clone 313n8 (LBNL H146), complete sequence.//2.0e-47:623:69//AC004226
- F-NT2RM4001444//Streptococcus pneumoniae penicillin-binding protein 2b (pbp2b), RecM (recM), D-Ala-D-Ala ligase (ddl), D-Ala-D-Ala adding enzyme (murF), MutT (mutT), cell division protein FtsA (ftsA), cell division protein FtsZ (ftsZ), YlmE (ylmE), YlmF (ylmF), YlmG (ylmG), YlmH (ylmH), cell division protein DivIVA (divIVA), and isoleucine-tRNA synthetase (ileS) genes, complete cds; and unknown gene.//3.6e-09:566:58//AF068901
- 35 F-NT2RM4001454
- F-NT2RM4001455
- F-NT2RM4001483//Human zinc finger protein ZNF136.//3.2e-36:329:78//U09367
- F-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds.//1.2e-155:724:99//AB014585
- 40 F-NT2RM4001519//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.00019:418:59//AC004688
- F-NT2RM4001522//Human HepG2 3' region Mbol cDNA, clone hmd6a08m3.//1.4e-16:130:88//D17274
- F-NT2RM4001557
- F-NT2RM4001565
- F-NT2RM4001566
- 45 F-NT2RM4001569//HS_2050_B1_C08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2050 Col=15 Row=F, genomic survey sequence.//2.7e-09:109:84//AQ234720
- F-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//1.2e-127:740:89//AF071317
- F-NT2RM4001592//M.musculus mRNA of enhancer-trap-locus 1.//7.3e-117:710:88//X69942
- 50 F-NT2RM4001594//Homo sapiens chromosome 9q34, clone 107G20, WORKING DRAFT SEQUENCE, 2 ordered pieces.//0.34:388:59//AC002355
- F-NT2RM4001597//M.musculus red-1 gene.//6.2e-139:788:90//X92750
- F-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds.//3.3e-162:750:99//AB018334
- 55 F-NT2RM4001611//Synechocystis sp. PCC6803 complete genome, 12/27, 1430419-1576592.//2.5e-05:490:58//D90910
- F-NT2RM4001629//Mus musculus palmytoylated protein p55 mRNA, complete cds.//0.65:186:64//U38196
- F-NT2RM4001650//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0435P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//0.99:422:59//AC004689

F-NT2RM4001662//Human mRNA for KIAA0322 gene, partial cds.//2.6e-81:449:93//AB002320
 F-NT2RM4001666
 F-NT2RM4001682//Mus musculus clone OST9187, genomic survey sequence.//3.2e-35:240:87//AF046699
 F-NT2RM4001710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING
 5 DRAFT SEQUENCE.//1.9e-151:564:97//AL031447
 F-NT2RM4001714//Human mRNA for KIAA0202 gene, partial cds.//7.0e-85:748:74//D86957
 F-NT2RM4001715//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs,
 complete sequence.//1.2e-91:488:94//AL034430
 F-NT2RM4001731//Orang-utan in volucrin gene, complete cds.//0.40:530:59//M25312
 10 F-NT2RM4001741//Mouse mRNA for talin.//1.1e-129:737:90//X56123
 F-NT2RM4001746//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316G12, WORKING
 DRAFT SEQUENCE.//2.3e-49:320:89//AL031709
 F-NT2RM4001754//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//6.3e-64:379:76//AC005831
 15 F-NT2RM4001758//R.norvegicus mRNA for serine/threonine kinase MARK1.//3.7e-146:871:87//Z83868
 F-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds.//2.3e-173:803:99//AB018270
 F-NT2RM4001783//Homo sapiens clone DJ0981007, complete sequence.//2.0e-165:593:99//AC006017
 F-NT2RM4001810
 F-NT2RM4001813//Homo sapiens BAC clone NH0364H22 from 2, complete sequence.//7.1e-31:176:84//
 20 AC005036
 F-NT2RM4001819//Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds.//
 4.4e-34:195:95//M37712
 F-NT2RM4001823//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//3.3e-51:490:75//U49046
 F-NT2RM4001828//Human zinc finger containing protein ZNF157 (ZNF157) mRNA, complete cds.//5.6e-74:688:
 25 72//U28687
 F-NT2RM4001836//Homo sapiens Chromosome 22q11.2 Cosmid Clone 2h In DGCR Region, complete se-
 quence.//1.0:406:60//AC000076
 F-NT2RM4001841//Mus musculus A kinase anchor protein (AKAP-KL) mRNA, alternatively spliced isoform 2,
 complete cds.//1.6e-131:831:86//AF033275
 30 F-NT2RM4001842//HS_3163_A2_G10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3163 Col=20 Row=M, genomic survey sequence.//1.5e-05:355:60//AQ168513
 F-NT2RM4001856//Caenorhabditis elegans cosmid K08F11.//4.0e-23:823:60//U70855
 F-NT2RM4001858//Notophthalmus viridescens NvTbox1 mRNA, partial cds.//6.4e-11:266:66//U64433
 F-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//6.9e-149:704:98//Y17711
 35 F-NT2RM4001876//F.rubripes GSS sequence, clone 060E22bA4, genomic survey sequence.//5.7e-48:600:68//
 Z88651
 F-NT2RM4001880//CIT-HSP-2348J1.TF CIT-HSP Homo sapiens genomic clone 2348J1, genomic survey se-
 quence.//0.0025:61:88//AQ060809
 F-NT2RM4001905//R.norvegicus CYP3A1 gene, 5' flanking region.//2.5e-29:535:67//X98335
 40 F-NT2RM4001922//HS_2237_A1_C10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2237 Col=19 Row=E, genomic survey sequence.//2.2e-73:364:98//AQ033732
 F-NT2RM4001930//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MX110, complete sequence.//
 4.9e-10:269:63//AB005248
 F-NT2RM4001938//Homo sapiens chromosome 17, clone hRPC.1081_P_3, complete sequence.//7.6e-152:311:
 45 100//AC005207
 F-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds.//1.1e-170:808:98//AF098162
 F-NT2RM4001953//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B13E4;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.7e-45:310:86//AC004046
 F-NT2RM4001965//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and
 50 non-small cell lung cancer, segment 11/11.//1.6e-107:622:90//AB020868
 F-NT2RM4001969//R.norvegicus mRNA for IP63 protein.//3.9e-24:221:76//X99330
 F-NT2RM4001979//Homo sapiens mRNA for KIAA0798 protein, complete cds.//1.0e-61:527:76//AB018341
 F-NT2RM4001984//Human DNA sequence from cosmid U151E3, between markers on chromosome X.//5.8e-07:
 502:60//Z82253
 55 F-NT2RM4001987//RPCI11-49L11.TJ RPCI11 Homo sapiens genomic clone R-49L11, genomic survey se-
 quence.//2.6e-33:177:99//AQ051701
 F-NT2RM4002013//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//0.019:65:90//
 AC005921

- F-NT2RM4002018//Human high molecular weight B cell growth factor mRNA sequence.//1.0:527:57//L15344
- F-NT2RM4002034//Human DNA sequence from PAC 84F12 on chromosome Xq25-Xq26.3. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2), ESTs and CA repeat.//0.11:322:60//AL008712
- 5 F-NT2RM4002044//Homo sapiens SS-A/Ro autoantigen 52 kda component gene, complete cds.//0.015:513:61//U01882
- F-NT2RM4002054//Homo sapiens clone DJ1039L24, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.0e-44:473:76//AC005283
- F-NT2RM4002055//Homo sapiens mRNA for KIAA0640 protein, partial cds.//1.0e-171:803:98//AB014540
- 10 F-NT2RM4002062//Drosophila melanogaster; Chromosome 2L; Region 36B1-36B3; P1 clone DS02528, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0031:298:59//AC005122
- F-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//1.1e-147:705:98//U82267
- F-NT2RM4002066//Human mRNA for KIAA0192 gene, partial cds.//3.4e-73:889:69//D83783
- 15 F-NT2RM4002067//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//1.1e-53:295:76//AC005216
- F-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//7.8e-25:277:75//AF072758
- F-NT2RM4002075//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//9.0e-23:588:61//AF059569
- 20 F-NT2RM4002093//Rat PYBP1 mRNA for pyrimidine binding protein 1.//3.1e-68:544:69//X60789
- F-NT2RM4002109//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//2.0e-121:762:86//D12646
- F-NT2RM4002128//HS_3084_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3084 Col=7 Row=G, genomic survey sequence.//7.7e-18:117:95//AQ186312
- 25 F-NT2RM4002140
- F-NT2RM4002145//Homo sapiens chromosome 19, fosmid 37308, complete sequence.//1.8e-49:736:65//AC004152
- F-NT2RM4002146//Homo sapiens MAGOH mRNA, complete cds.//6.5e-70:454:85//AF035940
- F-NT2RM4002161//Homo sapiens mRNA for LAFPTase, isoform 1, partial.//4.2e-151:763:96//AJ130763
- 30 F-NT2RM4002174//Helicobacter pylori 26695 section 18 of 134 of the complete genome.//2.1e-16:580:60//AE000540
- F-NT2RM4002189//Homo sapiens DNA sequence from BAC 722E9 on chromosome 22q13.2-13.33. Contains ESTs.//1.0e-07:792:61//AL008636
- F-NT2RM4002194//Mus musculus semaphorin VIa mRNA, complete cds.//3.2e-132:782:87//AF030430
- 35 F-NT2RM4002205//Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.//1.5e-40:292:84//L14684
- F-NT2RM4002213
- F-NT2RM4002226//Mus musculus p190-B gene, complete cds.//0.099:350:59//U67160
- F-NT2RM4002251//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//1.0:428:58//AC004448
- 40 F-NT2RM4002256//Mouse genomic DNA, chromosome 17, clone cosmid 49.1, genomic survey sequence.//9.4e-60:294:81//AB005959
- F-NT2RM4002266//Fugu rubripes GSS sequence, clone 006I18aG12, genomic survey sequence.//3.3e-12:217:67//AL024779
- F-NT2RM4002278//HS_3089_A1_E05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3089 Col=9 Row=I, genomic survey sequence.//1.9e-64:381:92//AQ121653
- 45 F-NT2RM4002281
- F-NT2RM4002287//CIT-HSP-2327E14.TF CIT-HSP Homo sapiens genomic clone 2327E14, genomic survey sequence.//9.0e-49:336:86//AQ042515
- F-NT2RM4002294//Human mRNA for KIAA0281 gene, complete cds.//2.1e-48:511:72//D87457
- 50 F-NT2RM4002301//Human NotI linking clone 924A053D, genomic survey sequence.//8.9e-05:62:91//U49881
- F-NT2RM4002323//Human DNA sequence from clone 59B16 on chromosome 6p22.1-22.3. Contains a pseudo-gene similar to GPISG20 and other exonucleases). Contains ESTs, STSs, GSSs, genomic markers D6S1691 and D6S299 and a ca repeat polymorphism, complete sequence.//4.9e-115:729:87//AL032822
- F-NT2RM4002339//Homo sapiens PAC clone DJ0728D04, complete sequence.//1.1e-97:457:93//AC004865
- 55 F-NT2RM4002344//Caenorhabditis elegans cosmid K04A8.//2.2e-06:190:69//U64849
- F-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds.//2.8e-149:708:98//AB014549
- F-NT2RM4002374//Homo sapiens 12q24 PAC P336P3 (Research Park Cancer Institute Human Genome PAC library) complete sequence.//0.00040:312:63//AC002978

F-NT2RM4002383//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE.//6.8e-29:378:66//AL031284

F-NT2RM4002390

5 F-NT2RM4002398//CIT-HSP-2288N22.TR CIT-HSP Homo sapiens genomic clone 2288N22, genomic survey sequence.//3.4e-35:184:100//AQ001110

F-NT2RM4002409//Archaeoglobus fulgidus section 15 of 172 of the complete genome.//2.0e-16:468:59//AE001092

10 F-NT2RM4002438//Human HLA class III region containing NOTCH4 gene, partial sequence, homeobox PBX2 (HPBX) gene, receptor for advanced glycosylation end products (RAGE) gene, complete cds, and 6 unidentified cds, complete sequence.//1.6e-16:123:91//U89336

F-NT2RM4002446//Human DNA sequence from cosmid 443D9 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3 Contains ESTs, STS and CpG islands.//9.6e-64:467:84//Z92845

F-NT2RM4002452

15 F-NT2RM4002457//Human DNA sequence from PAC 151B14 on chromosome 22, complete sequence.//2.2e-24:201:86//Z85988

F-NT2RM4002460//Homo sapiens PAC clone DJ0630C24 from 7q31-q32, complete sequence.//1.3e-45:487:70//AC004690

F-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds.//2.7e-163:777:98//AF083255

20 F-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds.//2.3e-93:464:97//AB014591

F-NT2RM4002493

F-NT2RM4002499//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.5e-41:442:75//AC005484

25 F-NT2RM4002504//Human DNA sequence from clone 391O22 on chromosome 6p21.2-21.31 Contains pseudo-genes similar to ribosomal protein, ESTs, GSSs, complete sequence.//3.8e-31:233:87//AL031577

F-NT2RM4002527//Fugu rubripes GSS sequence, clone 096G17aC8, genomic survey sequence.//7.7e-08:274:62//AL027162

F-NT2RM4002532

F-NT2RM4002534

30 F-NT2RM4002558//Mus musculus fatty acid transport protein 4 mRNA, partial cds.//3.8e-53:394:81//AF072759

F-NT2RM4002565//Mus musculus Sec8 mRNA, complete cds.//6.4e-160:902:89//AF022962

F-NT2RM4002567//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//8.5e-31:220:88//AQ263402

35 F-NT2RM4002571//Rattus norvegicus UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T5 mRNA, complete cds.//5.2e-05:199:65//AF049344

F-NT2RM4002593//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence.//0.89:275:61//AC004875

F-NT2RM4002594//Drosophila melanogaster, chromosome 2R, region 31C1-31D6, P1 clone DS08879, complete sequence.//3.7e-44:768:64//AC005454

40 F-NT2RM4002623//Drosophila melanogaster; Chromosome 2L; Region 36B1-36B3; P1 clone DS02528, WORKING DRAFT SEQUENCE, 8 unordered pieces.//7.8e-34:574:65//AC005122

F-NT2RP1000018//Homo sapiens mRNA for NIK, partial cds.//3.9e-111:582:95//AB013385

F-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//1.1e-153:747:96//AJ012449

45 F-NT2RP1000040//Homo sapiens genomic DNA, chromosome 21q11.1, segment 18/28, WORKING DRAFT SEQUENCE.//1.6e-125:243:88//AP000047

F-NT2RP1000063//Caenorhabditis elegans cosmid F31C3, complete sequence.//9.6e-09:414:59//Z92784

F-NT2RP1000086//H.sapiens mRNA for zinc finger protein, Hsal2.//2.8e-183:548:91//X98834

F-NT2RP1000101//H.sapiens CpG island DNA genomic Mse1 fragment, clone 28b4, forward read cpg28b4.ft1a.//6.0e-27:163:95//Z60555

50 F-NT2RP1000111//CIT-HSP-2307O14.TR CIT-HSP Homo sapiens genomic clone 2307O14, genomic survey sequence.//1.2e-11:128:81//AQ016069

F-NT2RP1000112//Human kinase (TTK) mRNA, complete cds.//1.0e-38:324:81//M86699

F-NT2RP1000124//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.59:476:59//AL034557

55 F-NT2RP1000130//DNA encoding human Hepatoma-derived Growth Factor.//2.7e-35:535:681//E08546

F-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds.//6.7e-05:77:90//AF011792

F-NT2RP1000170//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//

- 1.9e-20:431:64//AC006030
 F-NT2RP1000174//Homo sapiens clone 24432 mRNA sequence.//2.5e-138:679:97//AF070535
 F-NT2RP1000191
 5 F-NT2RP1000202//Porcine mRNA for M130 of smooth muscle myosin phosphatase, partial cds.//5.3e-05:220:61//D89496
 F-NT2RP1000243//Drosophila melanogaster DNA sequence (P1 DS05273 (D80)), complete sequence.//4.7e-51:508:69//AC004373
 F-NT2RP1000259
 10 F-NT2RP1000272//Mus musculus TLS-associated protein with SR repeats mRNA, complete cds.//7.8e-142:866:88//AF042383
 F-NT2RP1000324//RPC111-81O21.TJ RPC111 Homo sapiens genomic clone R-81O21, genomic survey sequence.//2.8e-29:182:92//AQ285136
 F-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds.//4.2e-147:693:98//AF053551
 15 F-NT2RP1000333//Caenorhabditis elegans cosmid C03D6, complete sequence.//1.4e-08:281:61//Z75525
 F-NT2RP1000348//H.sapiens CpG island DNA genomic Mse1 fragment, clone 12f1, reverse read cpg12f1.rt1c.//1.7e-09:71:100//Z56610
 F-NT2RP1000357
 F-NT2RP1000358 5.7e-16:403:61//AC005456
 20 F-NT2RP1000363//Homo sapiens mRNA for KIAA0638 protein, partial cds.//9.8e-125:497:86//AB014538
 F-NT2RP1000376//Homo sapiens calcium-independent phospholipase A2 mRNA, complete cds.//1.8e-176:877:96//AF064594
 F-NT2RP1000409//Homo sapiens repetitive sequences, alphoid DNA, 2482bp.//4.6e-106:700:84//AJ001558
 F-NT2RP1000413//Homo sapiens mRNA for KIAA0587 protein, complete cds.//9.4e-178:710:98//AB011159
 25 F-NT2RP1000416
 F-NT2RP1000418//Oryctolagus cuniculus troponin T cardiac isoform mRNA, 3' end of cds.//1.0:198:60//L40178
 F-NT2RP1000439//HS_2182_A1_D06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2182 Col=11 Row=G, genomic survey sequence.//2.1e-68:441:87//AQ024305
 F-NT2RP1000443//Homo sapiens genomic DNA, chromosome 21q11.1, segment 18/28, WORKING DRAFT SEQUENCE.//3.8e-57:185:88//AP000047
 30 F-NT2RP1000460//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//2.7e-132:204:99//AC004453
 F-NT2RP1000470//Human DNA from chromosome 19-specific cosmid R27090, genomic sequence, complete sequence.//4.9e-80:196:95//AC002985
 35 F-NT2RP1000478//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds.//1.9e-55:440:80//U47634
 F-NT2RP1000481//Homo sapiens DNA sequence from PAC 262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuronectin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//2.6e-92:562:88//Z99297
 40 F-NT2RP1000493//Homo sapiens mRNA for KIAA0017 protein, complete cds.//2.0e-130:622:98//D87686
 F-NT2RP1000513//Xanthomonas campestris campestris xpsD, xpsM, and xpsN genes, complete cds's.//0.11:360:58//M81648
 F-NT2RP1000522//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//4.9e-34:209:93//AC004895
 45 F-NT2RP1000547//Cricetulus griseus COP-coated vesicle membrane protein CHOp24 mRNA, partial cds.//1.2e-08:331:63//U26264
 F-NT2RP1000574//Homo sapiens homeobox protein MEIS2 (MEIS2) mRNA, partial cds.//4.4e-81:295:92//AF017418
 F-NT2RP1000577//HS_2228_B2_C05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=10 Row=F, genomic survey sequence.//1.9e-31:179:75//AQ185128
 50 F-NT2RP1000581//Pan troglodytes von Willebrand factor (vWF) gene, partial cds.//4.7e-34:223:90//U31620
 F-NT2RP1000609//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene, complete sequence.//1.6e-18:229:65//AC004770
 F-NT2RP1000629//Mouse clathrin-associated protein (AP47) mRNA, complete cds.//9.3e-89:584:84//M62419
 55 F-NT2RP1000630//Human DNA sequence from PAC 151B14 on chromosome 22 Contains EST, complete sequence.//1.0:203:63//Z85989
 F-NT2RP1000677//Homo sapiens chromosome 19, cosmid R30538, complete sequence.//0.0034:350:61//AC005943

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F-NT2RP1000688//H.sapiens gene for mitochondrial ATP synthase c subunit (P1 form).//5.2e-10:120:80//X69907
 F-NT2RP1000695
 F-NT2RP1000701//Sequence 1 from patent US 5580968.//2.4e-99:624:86//I30536
 F-NT2RP1000721//Homo sapiens clone DJ0943F02, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.1e-
 19:188:81//AC004932
 F-NT2RP1000730
 F-NT2RP1000733//Human chromosome 16p13-1 BAC clone CIT987SK-551G9 complete sequence.//1.3e-30:
 315:75//U95742
 F-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete
 cds.//8.0e-122:604:96//AF101434
 F-NT2RP1000746//HS_3084_A1_H03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3084 Col=5 Row=O, genomic survey sequence.//1.5e-83:466:92//AQ186344
 F-NT2RP1000767//Homo sapiens full-length insert cDNA clone ZD81B04.//2.8e-21:144:91//AF086442
 F-NT2RP1000782//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds.//2.1e-121:591:97//
 AF054840
 F-NT2RP1000796//T.thermophilus phosphofructokinase 1 (PFK1) gene, complete cds.//0.76:263:64//M71213
 F-NT2RP1000825//Human DNA sequence from clone 116F5 on chromosome 22q13. Contains part of an unknown
 gene and part of a RhoGAP (CDC42 GTPase Activating Protein) LIKE gene. Contains ESTs, STSs, GSSs, genomic
 marker D22S1168 and a CA repeat polymorphism, complete sequence.//1.5e-77:163:96//Z93244
 F-NT2RP1000833//Homo sapiens cGMP-specific phosphodiesterase (PDE9A2) mRNA, complete cds.//1.3e-147:
 424:96//AF048837
 F-NT2RP1000834//Homo sapiens alpha-methylacyl-CoA racemase mRNA, complete cds.//1.9e-89:702:79//
 AF047020
 F-NT2RP1000836//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3.41. Contains the
 HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE
 pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs,
 complete sequence.//8.7e-169:842:96//AL022398
 F-NT2RP1000846//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//3.3e-15:196:76//
 U96629
 F-NT2RP1000851//Homo sapiens PAC clone 267D11 from 12, complete sequence.//1.6e-144:724:96//AC004812
 F-NT2RP1000856//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds.//2.1e-121:591:97//
 AF054840
 F-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds.//6.7e-106:551:95//AF064094
 F-NT2RP1000902//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316D5, WORKING
 DRAFT SEQUENCE.//0.0097:55:100//Z82199
 F-NT2RP1000915//H.sapiens genomic DNA fragment (clone J32A032R).//1.3e-30:174:97//Z94761
 F-NT2RP1000916
 F-NT2RP1000943//Hylobates lar huntingtin gene, partial exon.//0.19:103:72//L49362
 F-NT2RP1000944//HS_2179_B2_C12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2179 Col=24 Row=F, genomic survey sequence.//0.032:140:63//AQ065269
 F-NT2RP1000947//Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds.//3.7e-53:461:78//
 U62483
 F-NT2RP1000954//cSRL-143G4-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
 clone cSRL-143G4, genomic survey sequence.//0.030:89:78//B01950
 F-NT2RP1000958//Caenorhabditis elegans cosmid K01C8, complete sequence.//3.9e-11:445:61//Z49068
 F-NT2RP1000959//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//3.3e-57:326:92//AC004263
 F-NT2RP1000966//Human nucleolin gene, complete cds.//3.4e-64:197:981//M60858
 F-NT2RP1000980//CIT-HSP-2314B10.TF CIT-HSP Homo sapiens genomic clone 2314B10, genomic survey se-
 quence.//0.32:137:68//AQ017126
 F-NT2RP1000988//Human chromosome 3p21.1 gene sequence.//8.0e-72:665:80//L13435
 F-NT2RP1001011//Drosophila melanogaster DNA repair protein (mei-41) gene, complete cds, and TH1 gene,
 partial cds.//1.3e-31:497:65//U34925
 F-NT2RP1001013//HS_3068_B1_809_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3068 Col=17 Row=D, genomic survey sequence.//1.0e-24:414:66//AQ127667
 F-NT2RP1001014//HS_3252_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3252 Col=9 Row=D, genomic survey sequence.//0.00052:83:81//AQ304711
 F-NT2RP1001033//Homo sapiens chromosome 17, clone hRPC-1073_F_15, complete sequence.//1.3e-134:241:
 99//AC004686

- F-NT2RP1001073//Homo sapiens PAC clone DJ1194E14 from 7p21, complete sequence.//2.5e-59:451:83//AC004993
- F-NT2RP1001079//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//4.5e-93:476:96//U82267
- 5 F-NT2RP1001080//Homo sapiens clone DJ0971C03, WORKING DRAFT SEQUENCE, 18 unordered pieces.//6.6e-54:217:89//AC004938
- F-NT2RP1001113
- F-NT2RP1001173
- 10 F-NT2RP1001177//Rattus norvegicus histone macroH2A1.2 mRNA, complete cds.//8.1e-26:373:681/U79139
- F-NT2RP1001185//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.5e-32:388:73//AC006039
- F-NT2RP1001199
- F-NT2RP1001247//Homo sapiens signaling molecule LEFTY-A gene, exon 1.//2.0e-29:166:96//AF081508
- 15 F-NT2RP1001248//Homo sapiens Chromosome 11q23 PAC clone pDJ356d6, complete sequence.//7.3e-50:128:99//AC002036
- F-NT2RP1001253//Homo sapiens oscillin (hLn) mRNA, complete cds.//4-3e-91:344:93//AF029914
- F-NT2RP1001286//Homo sapiens chromosome X region from filamin (FLN) gene to glucose-6-phosphate dehydrogenase (G6PD) gene, complete cds's.//0.54:292:63//L44140
- 20 F-NT2RP1001294
- F-NT2RP1001302
- F-NT2RP1001310//Rabbit skeletal muscle mRNA for ryanodine receptor.//1.5e-07:335:64//X15750
- F-NT2RP1001311//RPC111-67O14.TK RPC111 Homo sapiens genomic clone R-67O14, genomic survey sequence.//0.26:80:75//AQ239291
- 25 F-NT2RP1001313//Homo sapiens Chromosome 11q12.2 PAC clone pDJ519o13 containing human gene for ferritin heavy chain (FTH), complete sequence.//8.8e-75:304:98//AC004228
- F-NT2RP1001361//B.taurus CI-B14.5b mRNA for NADH dehydrogenase (ubiquinone).//2.7e-57:412:84//X68647
- F-NT2RP1001385
- F-NT2RP1001395//Mus musculus COP9 complex subunit 7a (COPS7a) mRNA, complete cds.//1.4e-72:535:83//AF071316
- 30 F-NT2RP1001410//Homo sapiens DNA sequence from PAC 257I20 on chromosome 22q13.1-13.2. Contains cytochrome P450 pseudogenes CYP2D7P, CYP2D8P, CYP2D6(D), TCF20, NADH ubiquinone oxidoreductase B14 subunit, ESTs, CA repeat, STS, GSS.//5.8e-105:570:94//AL021878
- F-NT2RP1001424
- 35 F-NT2RP1001432
- F-NT2RP1001449//Homo sapiens clone 24733 mRNA sequence.//1.7e-84:422:97//AF052149
- F-NT2RP1001457//Xenopus laevis notchless (nle) mRNA, complete cds.//1.3e-47:471:73//AF069737
- F-NT2RP1001466//HS_3006_A2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=16 Row=G, genomic survey sequence.//0.56:289:60//AQ154336
- 40 F-NT2RP1001475//H.sapiens genomic DNA fragment (clone NLMA194R).//0.00011:91:79//Z95375
- F-NT2RP1001482//Mouse oncogene (ect2) mRNA, complete cds.1/4-0e-87:563:85//L11316
- F-NT2RP1001494
- F-NT2RP10015431//Drosophila melanogaster DNA sequence (P1 DS01142 (D148)), complete sequence.//1.9e-27:387:67//AC004280
- 45 F-NT2RP1001546//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds.//8.0e-63:314:98//AF054840
- F-NT2RP1001569//Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.//1.2e-68:514:81//U17343
- F-NT2RP100T616//Human clone 23665 mRNA sequence.//7.6e-40:496:74//U90913
- 50 F-NT2RP1001665//CIT-HSP-2059N5.TF CIT-HSP Homo sapiens genomic clone 2059N5, genomic survey sequence.//2.4e-45:305:88//B69912
- F-NT2RP2000001//Homo sapiens clone 617 unknown mRNA, complete sequence.//1.5e-135:685:96//AF091081
- F-NT2RP2000006//HS_3061_B2_C03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3061 Col=6 Row=F, genomic survey sequence.//1.9e-17:394:67//AQ178856
- 55 F-NT2RP2000007//Human mRNA for KIAA0392 gene, partial cds.//3.5e-14:241:68//AB002390
- F-NT2RP2000008//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 257E24, WORKING DRAFT SEQUENCE.//1.7e-34:147:99//AL034424
- F-NT2RP2000027//Homo sapiens BAC clone RG118P15 from 8q21, complete sequence.//1.4e-32:345:75//

AC005066
 F-NT2RP2000032//F.rubripes GSS sequence, clone 060E22aG10, genomic survey sequence.//5.0e-41:445:72//Z88655
 F-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds.//1.9e-76:383:97//AB018290
 5 F-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//2.4e-95:467:97//AF061749
 F-NT2RP2000054//CIT-HSP-2328J24.TF CIT-HSP Homo sapiens genomic clone 2328J24, genomic survey sequence.//3.3e-39:236:91//AQ043092
 F-NT2RP2000056//Rat mRNA for protein tyrosine phosphatase epsilon C, partial cds.//3.2e-50:311:90//D78610
 10 F-NT2RP2000067//Mus musculus DOC4 (Doc4) mRNA, complete cds.//3.0e-55:766:66//AF059485
 F-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//2.0e-118:597:95//AC005754
 F-NT2RP2000076//Homo sapiens clone NH0263G22, complete sequence.//0.0017:423:60//AC006037
 F-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds.//2.1e-77:278:97//AF050079
 15 F-NT2RP2000079//H.sapiens CpG island DNA genomic Mse1 fragment, clone 40c2, forward read cpg40c2.ft1k.//3.2e-33:197:95//Z55440
 F-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds.//2.2e-158:752:98//AB018338
 F-NT2RP2000091//HS_2228_A2_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=4 Row=C, genomic survey sequence.//0.26:55:90//AQ146363
 20 F-NT2RP2000097
 F-NT2RP2000098//Homo sapiens clone DJ1098J04, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.5e-05:482:60//AC004961
 F-NT2RP2000108//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//1.0e-22:274:69//AC003973
 25 F-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//4.9e-114:551:97//AB018356
 F-NT2RP2000120//HS_3000_B1_E03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3000 Col=5 Row=J, genomic survey sequence.//1.8e-21:129:97//AQ090365
 F-NT2RP2000126//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//4.2e-119:607:96//AF054177
 30 F-NT2RP2000133//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//1.3e-07:339:63//AC004827
 F-NT2RP2000147//Mouse clathrin-associated protein (AP47) mRNA, complete cds.//9.0e-101:638:85//M62419
 F-NT2RP2000153//Human DNA sequence from clone 218J18 on chromosome Xp11.3-11.4. Contains the NDP (Norrie Disease (Pseudoglioma)) gene and a CC1.3 Splicing Factor pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.45:377:58//AL034370
 35 F-NT2RP2000157//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//4.0e-73:317:87//AC005924
 F-NT2RP2000161//CIT-HSP-2353L5.TF.1 CIT-HSP Homo sapiens genomic clone 2353L5, genomic survey sequence.//3.0e-14:123:90//AQ263431
 40 F-NT2RP2000173
 F-NT2RP2000175
 F-NT2RP2000183//F.rubripes GSS sequence, clone 168M02aC2, genomic survey sequence.//3.7e-06:152:66//AL007295
 45 F-NT2RP2000195//Human DNA sequence from clone 4514 on chromosome 6q24.1-24.3. Contains two putative unknown genes, ESTs, STSs and GSSs, complete sequence.//7.6e-62:170:99//AL023581
 F-NT2RP2000205
 F-NT2RP2000208//Homo sapiens chromosome 19, overlapping cosmids R29828 and F25496, complete sequence.//7.2e-80:170:90//AC003030
 50 F-NT2RP2000224//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//5.5e-64:400:85//AC004382
 F-NT2RP2000232//Human DNA sequence from PAC 196E23 on chromosome Xq26.1-27.2. Contains the TAT-SF1 (HIV-1 transcriptional elongation factor TAT cofactor TAT-SF1) gene, the BRS3 (Bombesin Receptor subtype-3 (Uterine Bombesin Receptor, BRS-3) gene, an unknown gene coding for two isoforms, a predicted CpG island, ESTs and STSs.//2.2e-07:280:66//Z97632
 55 F-NT2RP2000233//Mus musculus tumor metastasis associated gene product (MAG) mRNA, complete cds.//8.8e-30:508:67//U88401
 F-NT2RP2000239//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//4.0e-79:504:

- 87//AC004066
F-NT2RP2000248
F-NT2RP2000257//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y1E3, WORK-
ING DRAFT SEQUENCE.//0.0078:286:60//AL021388
- 5 F-NT2RP2000258//CIT-HSP-2349P21.TF CIT-HSP Homo sapiens genomic clone 2349P21, genomic survey se-
quence.//5.7e-82:416:97//AQ059184
F-NT2RP2000270//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//4.5e-
29:310:73//AC006116
F-NT2RP2000274
- 10 F-NT2RP2000283//G.gallus mRNA for LRP/alpha-2-macroglobulin receptor.//6.3e-20:260:73//X74904
F-NT2RP2000288
F-NT2RP2000289
F-NT2RP2000297//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and -9.//4.6e-69:744:70//
M27877
- 15 F-NT2RP2000298//Streptomyces coelicolor cosmid 2E9.//4.4e-05:502:59//AL021530
F-NT2RP2000310//WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.1e-13:173:76//AC006082
F-NT2RP2000327//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-.41. Contains the
HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE
pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs,
20 complete sequence.//8.3e-144:731:95//AL022398
F-NT2RP2000328//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs,
complete sequence.//1.9e-102:555:90//AL034430
F-NT2RP2000329//Bovine mitochondrial GTP:AMP phosphotransferase mRNA, complete cds.//6.4e-105:639:87//
M25757
- 25 F-NT2RP2000337//HS_2060_B1_E01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2060 Col=1 Row=J, genomic survey sequence.//0.78:218:60//AQ243333
F-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds.//3.6e-129:627:
97//U83981
F-NT2RP2000369//HS_2182_B1_B11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
30 nomic clone Plate=2182 Col=21 Row=D, genomic survey sequence.//2.5e-87:421:99//AQ024835
F-NT2RP2000412//Human DNA sequence from PAC 124O9 on chromosome 6q21. Contains DNAJ2 (HDJ1) like
pseudogene, ESTs, STSs and GSSs.//0.72:170:65//AL021327
F-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds.//5.0e-66:375:93//L28010
F-NT2RP2000420//Homo sapiens full-length insert cDNA YQ86E07.//9.2e-77:423:93//AF075093
- 35 F-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//2.1e-126:609:
96//AF102265
F-NT2RP2000438//CITBI-E1-2519O19.TR CITBI-E1 Homo sapiens genomic clone 2519O19, genomic survey se-
quence.//0.96:61:78//AQ276878
F-NT2RP2000448//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//7.1e-17:341:67//
40 AC004691
F-NT2RP2000459//H.sapiens mRNA for imogen 38.//5.7e-21:158:87//Z68747
F-NT2RP2000498//Human DNA sequence from PAC 435C23 on chromosome X. Contains ESTs.//3.2e-11:160:
73//Z92844
F-NT2RP2000503//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//0.0031:187:66//
45 AC005229
F-NT2RP2000510//Fugu rubripes GSS sequence, clone 066G04aC1, genomic survey sequence.//8.8e-07:179:
64//AL026277
F-NT2RP2000516//Mus musculus t complex testis-specific protein (Tctex2) gene, wild type, promoter sequence.//
0.19:72:81//U21671
- 50 F-NT2RP2000523//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING
DRAFT SEQUENCE.//5.0e-115:570:96//AL022318
F-NT2RP2000603//Homo sapiens mRNA for MCM3 import factor, complete cds.//8.4e-37:196:98//AB005543
F-NT2RP2000617//Homo sapiens chromosome 19, cosmid R27377, complete sequence.//0.81:354:60//
AC005321
- 55 F-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds.//1.3e-149:732:97//AB014514
F-NT2RP2000644//HS_3211_A1_F06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3211 Col=11 Row=K, genomic survey sequence.//3.6e-42:282:86//AQ175486
F-NT2RP2000656

EP 1 074 617 A2

F-NT2RP2000658//CITBI-E1-2518N15.TF CITBI-E1 Homo sapiens genomic clone 2518N15, genomic survey sequence.//0.57:141:66//AQ278386
F-NT2RP2000668
5 F-NT2RP2000678//Homo sapiens clone DJ0891L14, WORKING DRAFT SEQUENCE, 12 unordered pieces.//4.3e-22:433:62//AC004916
F-NT2RP2000704//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//2.7e-22:270:75//AC005913
F-NT2RP2000710//Drosophila melanogaster; Chromosome 2L; Region 36B1-36B3; P1 clone DS02528, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.4e-32:574:64//AC005122
10 F-NT2RP2000715//Homo sapiens PAC clone DJ1066K24 from 7p15, complete sequence.//4.8e-113:546:98//AC004540
F-NT2RP2000731//Homo sapiens clone DJ1106H14, WORKING DRAFT SEQUENCE, 42 unordered pieces.//0.97:115:70//AC004965
F-NT2RP2000758//Human LIM-kinase1 and alternatively spliced LIM-kinase1 (LIMK1) gene, complete cds.//9.7e-16:162:77//U62293
15 F-NT2RP2000764//HS_2254_B2_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2254 Col=14 Row=H, genomic survey sequence.//0.071:45:95//AQ068887
F-NT2RP2000809
F-NT2RP2000812//Egernia stokesii clone EST3 microsatellite.//0.040:158:64//AF069698
20 F-NT2RP2000814
F-NT2RP2000816
F-NT2RP2000819
F-NT2RP2000841//Human mRNA for KIAA0294 gene, complete cds.//1.1e-26:390:70//AB002292
F-NT2RP2000842//H.sapiens mRNA for G protein-coupled receptor Edg-2.//1.2e-44:255:93//Y09479
25 F-NT2RP2000845
F-NT2RP2000863//Human partial cDNA sequence, clone x874.//5.9e-29:173:94//Z47045
F-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds.//2.4e-140:732:94//AB018284
F-NT2RP2000892
F-NT2RP2000931//Homo sapiens mRNA for KIAA0723 protein, complete cds.//3.4e-129:610:98//AB018266
30 F-NT2RP2000932//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.8e-37:212:84//AC005014
F-NT2RP2000938//Human DNA sequence from cosmid RJ14 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3. Contains ESTs and CpG island.//1.6e-126:682:93//Z69890
F-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds.//5.8e-112:533:98//AB018298
35 F-NT2RP2000965
F-NT2RP2000970//Homo sapiens DNA sequence from BAC 747E2 on chromosome 22q12.1. Contains ESTs, STSs and GSSs and genomic marker D22S56, complete sequence.//9.2e-101:505:96//AL021393
F-NT2RP2000985//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//1.6e-72:498:82//AC005277
40 F-NT2RP2000987//Human Chromosome 16 BAC clone CIT987SK-A-211C6, complete sequence.//7.4e-12:171:77//AC002394
F-NT2RP2001036//Homo sapiens chromosome 17, clone HRPC1096F1, complete sequence.//1.2e-37:390:76//AC004167
F-NT2RP2001044//HS_2253_B1_G01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=1 Row=N, genomic survey sequence.//0.21:276:61//AQ069224
45 F-NT2RP2001056//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488.//3.2e-144:696:97//AB007957
F-NT2RP2001065
F-NT2RP2001070//Rattus norvegicus pyridoxine 5'-phosphate oxidase mRNA, complete cds.//4.3e-104:775:81//U91561
50 F-NT2RP2001081//Rattus norvegicus synaptotagmin XI mRNA, complete cds.//3.7e-69:488:82//AF000423
F-NT2RP2001094//Human DNA sequence from PAC 410B11 on chromosome X contains STS.//7.4e-11:490:61//Z86063
F-NT2RP2001119//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745C22, WORKING DRAFT SEQUENCE.//5.1e-30:316:76//AL031596
55 F-NT2RP2001127//Human mRNA for KIAA0234 gene, complete cds.//1.1e-31:519:63//D87072
F-NT2RP2001137//HS_2193_B2_D12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2193 Col=24 Row=H, genomic survey sequence.//1.8e-11:136:78//AQ032187

- F-NT2RP2001149//Homo sapiens Chromosome 22q11.2 Cosmid Clone 2h In DGCR Region, complete sequence.//6.2e-29:247:78//AC000076
- F-NT2RP2001168//Human DNA sequence from clone 431P23 on chromosome 6q27. Contains the first coding exon of the MLLT4 gene for myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); trans-located to, 4 (AF-6, Afadin, MLLT-4, ALL-1 fusion partner), and a Serine Palmitoyltransferase 2 (EC 2.3.1.50, Long Chain Base Biosynthesis protein 2, LCB-2, SPT-2) pseudogene. Contains ESTs, STss, GSSs, and a putative CpG island, complete sequence.//0.23:207:66//AL009178
- F-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds.//2.3e-112:567:96//AB007949
- F-NT2RP2001174//RPC111-58L2.TK RPC111 Homo sapiens genomic clone R-58L2, genomic survey sequence.//7.6e-07:196:64//AQ237306
- F-NT2RP2001196
- F-NT2RP2001218
- F-NT2RP2001226//Homo sapiens LERK-6 (EPLG6) gene, exon 1.//1.1e-09:320:65//U92893
- F-NT2RP2001233//Human ZFP-36 mRNA for a zinc finger protein.//6.1e-71:681:72//X51760
- F-NT2RP2001245//HS_3062_B1_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3062 Col=13 Row=L, genomic survey sequence.//1.5e-05:268:63//AQ143177
- F-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds.//2.5e-106:514:97//AB018353
- F-NT2RP2001277//Plasmodium falciparum chromosome 2, section 67 of 73 of the complete sequence.//0.32:183:64//AE001430
- F-NT2RP2001290//M.musculus mRNA for I47 clone.//8.6e-102:641:86//X61455
- F-NT2RP2001295//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105E8, WORKING DRAFT SEQUENCE.//0.20:171:63//AL022594
- F-NT2RP2001312//Bovine synaptophysin mRNA, complete cds.//0.98:253:58//M22967
- F-NT2RP2001327//Human B12 protein mRNA, complete cds.//5.8e-29:359:71//M80783
- F-NT2RP2001328//CIT-HSP-2335A5.TF CIT-HSP Homo sapiens genomic clone 2335A5, genomic survey sequence.//1.3e-65:366:94//AQ038539
- F-NT2RP2001347//Homo sapiens complete genomic sequence between D16S3070 and D16S3275, containing Familial Mediterranean Fever gene disease.//3.8e-31:325:77//AJ003147
- F-NT2RP2001366//H.sapiens CpG island DNA genomic Mse1 fragment, clone 4e11, forward read cpG4e11.f1a.//1.7e-12:98:92//Z61305
- F-NT2RP2001378//HS_3054_B2_A03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=6 Row=B, genomic survey sequence.//9.8e-17:131:89//AQ100721
- F-NT2RP2001381//Arabidopsis thaliana BAC T2L5.//0.080:434:59//AF096371
- F-NT2RP2001392//S.pristinaespiralis snbC gene & amp; snbDE gene.//0.019:267:59//Y11548
- F-NT2RP2001394//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//1.9e-16:133:78//Z93242
- F-NT2RP2001397//Bos taurus cyclin B2 (CYCB2) mRNA, complete cds.//1.3e-63:419:84//AF080219
- F-NT2RP2001420//Mus musculus nuclear protein NIP45 mRNA, complete cds.//3.1e-98:747:79//U76759
- F-NT2RP2001423//Xenopus laevis ER1 mRNA, complete cds.//3.7e-34:269:85//AF015454
- F-NT2RP2001427//Homo sapiens Chromosome 2p13 BAC Clone h173, complete sequence.//3.2e-13:164:78//AC003065
- F-NT2RP2001436//Mus musculus clone OST1784, genomic survey sequence.//3.0e-06:136:71//AF046702
- F-NT2RP2001440//cDNA sequence coding for gamma protein.//7.9e-83:553:86//E02350
- F-NT2RP2001445//P.falciparum complete gene map of plastid-like DNA (IR-A).//1.5e-09:829:57//X95275
- F-NT2RP2001449//B.taurus mRNA for cleavage and polyadenylation specificity factor.//1.3e-136:766:90//X75931
- F-NT2RP2001450
- F-NT2RP2001467
- F-NT2RP2001506//CIT-HSP-2374H21.TF CIT-HSP Homo sapiens genomic clone 2374H21, genomic survey sequence.//7.9e-14:151:80//AQ109561
- F-NT2RP2001511//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds.//2.6e-22:462:64//AF005355
- F-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//2.0e-136:657:97//Y14494
- F-NT2RP2001526//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//1.2e-37:357:64//AC004596
- F-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//1.6e-103:384:94//AF035586
- F-NT2RP2001560
- F-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488.//4.4e-123:590:98//

AB007957
 F-NT2RP2001576//Schistocerca americana Antennapedia homeotic protein (Antp) mRNA, complete cds.//0.038:580:58//U32943
 F-NT2RP2001581//Mus musculus semaphorin VIa mRNA, complete cds.//6.5e-09:222:66//AF030430
 5 F-NT2RP2001597//Homo sapiens alpha2-C4-adrenergic receptor gene, complete cds.//0.0057:361:60//U72648
 F-NT2RP2001601//Homo sapiens mRNA for KIAA0797 protein, partial cds.//7.2e-137:647:98//AB018340
 F-NT2RP2001613
 F-NT2RP2001628//H.sapiens (xs128) mRNA, 380bp.//1.7e-15:279:68//Z36784
 F-NT2RP2001634//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//5.4e-123:606:96//AF030233
 10 F-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds.//4.2e-144:687:97//AF058718
 F-NT2RP2001663//H.sapiens mRNA for 2-phosphopyruvate-hydratase-alpha-enolase.//1.0e-36:372:74//X84907
 F-NT2RP2001675//S.pombe chromosome I cosmid c2G11.//0.070:507:59//Z54354
 15 F-NT2RP2001677//Mouse BAC CitbCJ7 219m7, genomic sequence, complete sequence.//2.0e-60:232:96//AC005259
 F-NT2RP2001678//HS_2007_A2_A04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2007 Col=8 Row=A, genomic survey sequence.//7.3e-62:370:91//AQ269699
 F-NT2RP2001699//RPC111-57B17.TK RPC111 Homo sapiens genomic clone R-57B17, genomic survey sequence.//0.99:141:63//AQ115592
 20 F-NT2RP2001720//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//9.4e-117:604:95//AC004079
 F-NT2RP2001721//Homo sapiens DNA sequence from clone 466I8 on chromosome Xq11.1-13.2. Contains an unknown gene similar to Coagulation Factor V (Activated Protein C Cofactor), Coagulation Factor VIII (Procoagulant Component) and Ceruloplasmin (EC 1.16.3.1, Ferroxidase). Contains ESTs and an STS, complete sequence.//1.0:273:61//AL030998
 25 F-NT2RP2001740//Homo sapiens Chromosome 22q11.2 Cosmid Clone 8c In DGCR Region, complete sequence.//1.0:356:62//AC000090
 F-NT2RP2001748//Human mRNA for KIAA0003 gene, complete cds.//3.7e-18:151:86//D14697
 30 F-NT2RP2001762//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482), complete sequence.//6.0e-145:715:97//AC004783
 F-NT2RP2001813//Plasmodium falciparum chromosome 2, section 15 of 73 of the complete sequence.//0.38:340:60//AE001378
 F-NT2RP2001839//HS_3000_B1_C07_MR CIT Approved Human Genomic Sperm Library D_ Homo sapiens genomic clone Plate=3000 Col=13 Row=F, genomic survey sequence.//0.026:253:60//AQ090347
 35 F-NT2RP2001861//Homo sapiens mRNA for paraplegin.//0.89:146:71//Y16610
 F-NT2RP2001869//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//0.040:174:62//AF027219
 F-NT2RP2001876//Cyprinus carpio mRNA for allograft inflammatory factor-1, complete cds.//2.8e-44:483:71//AB012309
 40 F-NT2RP2001883//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//1.8e-87:496:92//AL031864
 F-NT2RP2001898//Human inositol polyphosphate 5-phosphatase (5ptase) mRNA, 3' end.//9.2e-112:633:90//M74161
 45 F-NT2RP2001900//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone R08A5, WORKING DRAFT SEQUENCE.//0.0026:360:62//Z82281
 F-NT2RP2001907//H.sapiens CpG island DNA genomic Mse1 fragment, clone 97f11, forward read cpg97f11.ft1a.//4.2e-26:206:84//Z64125
 F-NT2RP2001926//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//5.5e-06:621:59//AC004688
 50 F-NT2RP2001936//cSRL-47D9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-47D9, genomic survey sequence.//3.1e-50:282:93//B04856
 F-NT2RP2001943//Drosophila melanogaster cosmid 25E8.//0.00036:248:60//AL009196
 F-NT2RP2001946//Homo sapiens clone NH0140K04, complete sequence.//3.8e-78:232:99//AC005033
 55 F-NT2RP2001947//Homo sapiens full-length insert cDNA clone ZD81B04.//2.0e-28:172:94//AF086442
 F-NT2RP2001969//H.sapiens CpG island DNA genomic Mse1 fragment, clone 152a8, reverse read cpg152a8.r1a.//1.0e-20:123:99//Z59378
 F-NT2RP2001976

F-NT2RP2001985//Homo sapiens mRNA for KIAA0545 protein, partial cds.//0.0023:235:62//AB011117
 F-NT2RP2001991//Rat orphan transporter v7-3 (NTT73) mRNA, complete cds.//3.1e-35:180:80//L22022
 F-NT2RP2002025//Homo sapiens mRNA for KIAA0756 protein, partial cds.//9.8e-61:314:97//AB018299
 5 F-NT2RP2002032//Homo sapiens chromosome 5, Bac clone 5m9 (LBNL H220), complete sequence.//0.76:189:65//AC005895
 F-NT2RP2002033//Homo sapiens clone DJ0292L20, WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.9e-12:160:79//AC004825
 F-NT2RP2002041//Human BAC clone RG035E18 from 7q31, complete sequence.//0.0014:123:73//AC004029
 10 F-NT2RP2002046//Homo sapiens Xp22 BAC GSHB-184P14 (Genome Systems Human BAC library) complete sequence.//2.2e-86:722:77//AC004552
 F-NT2RP2002047//Human DNA sequence from clone 21F7 on chromosome 6q16.1-21. Contains part of an exon of a putative new gene and STSs and GSSs, complete sequence.//0.13:350:61//AL033375
 F-NT2RP2002058//S.cerevisiae chromosome XII reading frame ORF YLR129w.//9.7e-11:480:60//Z73301
 F-NT2RP2002066//Rattus norvegicus transmembrane receptor Unc5H2 mRNA, complete cds.//6.5e-97:610:86//
 15 U87306
 F-NT2RP2002070//beta -ADD=adducin beta subunit 63 kda isoform/membrane skeleton protein, beta -ADD=adducin beta subunit 63 kda isoform/membrane skeleton protein {alternatively spliced, exon 10 to 13 region} [human, Genomic, 1851 nt, segment 3 of 3].//0.0059:107:73//S81083
 F-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.//1.0e-127:643:96//AF052183
 20 F-NT2RP2002078//F12O16-T7.1 IGF Arabidopsis thaliana genomic clone F12016, genomic survey sequence.//0.14:191:64//AQ249805
 F-NT2RP2002079//Homo sapiens clone DJ0892G19, complete sequence.//0.0094:325:60//AC004917
 F-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//9.8e-111:533:97//AJ007509
 F-NT2RP2002105//H.sapiens CpG island DNA genomic Mse1 fragment, clone 10h8, forward read cpg10h8.ft1a.//
 25 2.4e-29:178:94//Z58857
 F-NT2RP2002124//CIT-HSP-2023E9.TF CIT-HSP Homo sapiens genomic clone 2023E9, genomic survey sequence.//2.5e-32:202:92//B64468
 F-NT2RP2002137//Human plasma membrane calcium ATPase (hPMCA4) mRNA, complete cds.//0.095:319:59//M25874
 30 F-NT2RP2002154//Mus musculus mRNA for myosin, complete cds.//1.0:258:63//D85923
 F-NT2RP2002172//HS_3020_B1_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3020 Col=3 Row=P, genomic survey sequence.//1.2e-11:124:82//AQ093169
 F-NT2RP2002185//RPCI11-67B15.TJ RPCI11 Homo sapiens genomic clone R-67B15, genomic survey sequence.//2.8e-18:109:100//AQ201833
 35 F-NT2RP2002192//Human PM-Scl-75 autoantigen (PM-scl1) mRNA, complete cds.//2.7e-36:363:78//U09215
 F-NT2RP2002193//Rattus norvegicus potassium channel regulatory protein KChAP mRNA, complete cds.//9.5e-82:477:89//AF032872
 F-NT2RP2002208
 F-NT2RP2002219//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
 40 DRAFT SEQUENCE.//1.0:378:58//AL034557
 F-NT2RP2002231//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.60:560:56//AC005308
 F-NT2RP2002235//P.falciparum glutamic acid-rich protein gnen, complete cds.//0.59:341:60//J03998
 F-NT2RP2002252//Mus musculus mSin3A (sin3A) mRNA, complete cds.//3.5e-81:398:87//U22394
 45 F-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//6.6e-50:315:89//AF005418
 F-NT2RP2002259//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 118J21, WORKING DRAFT SEQUENCE.//9.7e-67:340:89//AL033527
 F-NT2RP2002270//RPCI11-77C23.TV RPCI11 Homo sapiens genomic clone R-77C23, genomic survey sequence.//2.9e-18:79:93//AQ268098
 50 F-NT2RP2002292//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 321D2, WORKING DRAFT SEQUENCE.//1.0:290:60//AL031033
 F-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds.//1.5e-93:467:96//AF069532
 F-NT2RP2002316//HS_2171_B2_D11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2171 Col=22 Row=H, genomic survey sequence.//7.3e-94:463:97//AQ119673
 55 F-NT2RP2002325//Homo sapiens mRNA for Pex11p, complete cds.//3.9e-123:640:95//AB015594
 F-NT2RP2002333
 F-NT2RP2002373//F.rubripes GSS sequence, clone 026F10aB8, genomic survey sequence.//0.46:234:61//

- Z87330
 F-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds.//9.4e-138:673:97//AF038958
 F-NT2RP2002394//P.falciparum complete gene map of plastid-like DNA (IR-A).//0.79:421:56//X95275
 5 F-NT2RP2002408//F.rubripes GSS sequence, clone 080G11aA8, genomic survey sequence.//5.7e-15:220:71//AL015615
 F-NT2RP2002426//Sus scrofa SCAMP1 gene, exon 9.//7.1e-71:582:80//AJ223742
 F-NT2RP2002439//Caenorhabditis elegans cosmid T07D3.//0.0018:210:67//AF016682
 F-NT2RP2002442//Caenorhabditis elegans cosmid T03F1.//2.8e-18:295:67//U88169
 10 F-NT2RP2002457//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//1.9e-06:281:66//AC004381
 F-NT2RP2002464//Human mRNA for KIAA0086 gene, complete cds.//0.039:207:63//D42045
 F-NT2RP2002475
 F-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//2.4e-123:607:96//AB005289
 15 F-NT2RP2002498//Arabidopsis thaliana BAC F3D13.//0.73:395:57//AF069300
 F-NT2RP2002503//Homo sapiens, clone hRPK.15_A_1, complete sequence.//7.2e-18:134:90//AC006213
 F-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds.//1.2e-157:761:97//AB018334
 F-NT2RP2002520
 20 F-NT2RP2002537
 F-NT2RP2002546//Homo sapiens Chromosome 11q12 pac pDJ741n15, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.83:252:60//AC004127
 F-NT2RP2002549//Human Chromosome 15q26.1 PAC clone pDJ457j11 containing DNA polymerase gamma (polg) gene, complete sequence.//5.9e-93:186:99//AC005317
 25 F-NT2RP2002591//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//4.0e-38:175:78//Z98304
 F-NT2RP2002595//Sequence 2 from patent US 5763220.//1.5e-84:430:95//AR012155
 F-NT2RP2002606//Rattus norvegicus Rabin3 mRNA, complete cds.//1.9e-43:282:87//U19181
 F-NT2RP2002609//Mus musculus defender against death 1 (DAD1) gene, partial cds.//1.5e-11:99:90//AF051310
 30 F-NT2RP2002618//H.sapiens mRNA for arginine methyltransferase, splice variant, 1316 bp.//5.6e-27:460:63//Y10806
 F-NT2RP2002621
 F-NT2RP2002643//Rat calmodulin III gene for calmodulin, promoter region and exon 1.//0.023:322:60//D90397
 F-NT2RP2002672//Homo sapiens chromosome 10 clone CIT-HSP-1326H7 map 10q24.3-10q25.1, complete sequence.//3.9e-149:794:94//AC005384
 35 F-NT2RP2002701//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING DRAFT SEQUENCE.//9.2e-10:129:75//AL034380
 F-NT2RP2002706//S.griseus secA gene.//1.3e-05:311:63//Y10980
 F-NT2RP2002710//Homo sapiens mRNA for KIAA0672 protein, complete cds.//2.5e-40:631:65//AB014572
 40 F-NT2RP2002727//Rattus norvegicus tulip 2 mRNA, complete cds.//4.8e-65:600:73//AF041107
 F-NT2RP2002736//S.pombe chromosome II cosmid c887.//0.17:352:58//AL033388
 F-NT2RP2002740//Absidia glauca ORF, 3' end; (+) mating type surface protein (PSSP15) gene, complete cds; ORF, 5' end.//0.0073:274:66//M94861
 F-NT2RP2002741//Homo sapiens mRNA for Neuroblastoma, complete cds.//7.5e-29:628:62//D89016
 45 F-NT2RP2002750//Homo sapiens Xp22 Bins 35-37 BAC GSHB-214D18 (Genome Systems Human BAC Library) complete sequence.//3.6e-31:568:67//AC005296
 F-NT2RP2002752//Human BAC clone RG317M02 from 7p15-p21, complete sequence.//1.7e-08:206:63//AC002433
 F-NT2RP2002753//Human DNA sequence from cosmid B11B7 on chromosome 22 contains ESTs.//2.8e-71:195:89//Z82171
 50 F-NT2RP2002769//Streptomyces fradiae ty lactone synthase, starter module and modules 1-7, (tylG) gene, complete cds.//0.0016:412:60//U78289
 F-NT2RP2002778//CIT-HSP-2059C5.TF CIT-HSP Homo sapiens genomic clone 2059C5, genomic survey sequence.//6.8e-18:186:79//B69837
 55 F-NT2RP2002800
 F-NT2RP2002839//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.2e-41:134:94//AC006078
 F-NT2RP2002857//Rat T-cell receptor active beta-chain V-region (V-beta6-J-beta2.5) mRNA, partial cds, clone

- TRB-4.//0.85:93:68//M18845
 F-NT2RP2002862//HS_3084_A1_H03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3084 Col=5 Row=O, genomic survey sequence.//5.0e-67:390:91//AQ186344
 F-NT2RP2002880
- 5 F-NT2RP2002891//CIT-HSP-2310O14.TF CIT-HSP Homo sapiens genomic clone 2310O14, genomic survey sequence.//0.11:53:90//AQ019792
 F-NT2RP2002925//Pig mRNA for carbonyl reductase, complete cds.//0.66:194:65//D16511
 F-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds.//2.3e-135:628:99//AF038392
- 10 F-NT2RP2002929//F.rubripes GSS sequence, clone 123I23aA1, genomic survey sequence.//3.9e-06:66:83//AL017246
 F-NT2RP2002939
 F-NT2RP2002954
 F-NT2RP2002959//Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds.//1.3e-47:411:79//U62483
- 15 F-NT2RP2002979//CIT-HSP-2340D12.TF CIT-HSP Homo sapiens genomic clone 2340D12, genomic survey sequence.//4.6e-96:476:97//AQ057233
 F-NT2RP2002980//Sequence 20 from Patent EP0705842.//4.0e-13:100:94//A52230
 F-NT2RP2002986//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//2.4e-09:272:61//AF059569
- 20 F-NT2RP2002987//Homo sapiens (subclone 6_d9 from P1 H21) DNA sequence, complete sequence.//1.0e-22:293:67//AC000958
 F-NT2RP2002993//Rattus norvegicus RNA polymerase I 127 kDa subunit mRNA, complete cds.//4.0e-74:502:84//AF025424
- 25 F-NT2RP2003000//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 21 unordered pieces.//2.3e-46:474:76//AC004765
 F-NT2RP2003034//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//4.2e-23:202:82//AC005703
 F-NT2RP2003073//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//3.4e-59:330:82//Z83822
- 30 F-NT2RP2003099//HS_3008_B2_C09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3008 Col=18 Row=F, genomic survey sequence.//1.4e-71:362:96//AQ089786
 F-NT2RP2003108//Sequence 59 from patent US 5773577.//0.95:123:69//AR014362
 F-NT2RP2003117//HS_2034_B2_D12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2034 Col=24 Row=H, genomic survey sequence.//1.5e-88:461:96//AQ230797
- 35 F-NT2RP2003121//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//4.3e-46:470:72//AF079765
 F-NT2RP2003125//Homo sapiens chromosome 19, cosmid R34382, complete sequence.//5.7e-10:436:61//AC005329
- 40 F-NT2RP2003129//P.thunbergii cab gene.//0.00044:541:60//X61915
 F-NT2RP2003137//CIT-HSP-2300J6.TR CIT-HSP Homo sapiens genomic clone 2300J6, genomic survey sequence.//5.0e-78:393:97//AQ012976
 F-NT2RP2003157//Human DNA sequence from cDNA 16pHQG;16 from chromosome 16p13.3.//5.4e-07:137:71//Z84716
- 45 F-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete cds.//1.8e-111:581:93//D67025
 F-NT2RP2003161//CITBI-E1-2506E20.TR CITBI-E1 Homo sapiens genomic clone 2506E20, genomic survey sequence.//0.0025:156:67//AQ262657
 F-NT2RP2003164
 F-NT2RP2003165//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemochromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//1.4e-43:334:79//U91328
- 50 F-NT2RP2003177//Human signaling inositol polyphosphate 5 phosphatase SIP-110 mRNA, complete cds.//0.91:346:62//U50040
 F-NT2RP2003194//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 996D20, WORKING DRAFT SEQUENCE.//1.7e-108:511:90//AL031597
- 55 F-NT2RP2003206
 F-NT2RP2003228//H.sapiens P1-Cdc21 mRNA.//2.9e-136:726:93//X74794
 F-NT2RP2003230//Rattus norvegicus endo-alpha-D-mannosidase (Enman) mRNA, complete cds.//2.6e-51:348:

86//AF023657
 F-NT2RP2003237//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE.//2.6e-56:415:83//AL031447
 F-NT2RP2003243//RPCI11-36J1.TP RPCI-11 Homo sapiens genomic clone RPCI-11-36J1, genomic survey sequence.//2.1e-16:112:93//AQ047107
 5 F-NT2RP2003265//Muridae sp. (mouse-rat, neuroblastoma-glioma hybrid cell line NGD5) mRNA, complete cds.//6.0e-114:696:87//L38481
 F-NT2RP2003272//RPCI11-67B15.TJ RPCI11 Homo sapiens genomic clone R-67B15, genomic survey sequence.//3.8e-16:110:94//AQ201833
 10 F-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds.//1.5e-145:714:96//AB014525
 F-NT2RP2003280//RPCI11-14I2.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-14I2, genomic survey sequence.//6.4e-77:400:95//B85286
 F-NT2RP2003286//CIT-HSP-2336D3.TF CIT-HSP Homo sapiens genomic clone 2336D3, genomic survey sequence.//5.3e-29:287:73//AQ041024
 15 F-NT2RP2003293//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//1.5e-54:508:74//AC003973
 F-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds.//6.1e-85:416:97//AB006572
 F-NT2RP2003297//S.pombe pho2 gene for specific p-nitrophenylphosphatase.//0.60:309:64//X62722
 20 F-NT2RP2003307//Mus musculus kinesin light chain 2 (Klc2) mRNA, complete cds.//1.0e-45:442:75//AF055666
 F-NT2RP2003308//D.melanogaster crn mRNA.//1.1e-63:697:70//X58374
 F-NT2RP2003329//Homo sapiens chromosome 17, clone hCIT.131_K_11, complete sequence.//0.040:145:64//AC005288
 F-NT2RP2003339
 25 F-NT2RP2003347//Plasmodium falciparum MAL3P7, complete sequence.//0.12:275:60//AL034559
 F-NT2RP2003367//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//0.83:225:63//AC005510
 F-NT2RP2003391
 F-NT2RP2003393//HS_3218_A2_B09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=18 Row=C, genomic survey sequence.//0.021:93:79//AQ204356
 30 F-NT2RP2003394
 F-NT2RP2003401
 F-NT2RP2003433//Rattus rattus sec61 homologue mRNA, complete cds.//4.2e-61:533:75//M96630
 F-NT2RP2003445//Homo sapiens genomic DNA, chromosome 21q11.1, segment 1/5, WORKING DRAFT SE-
 35 QUENCE.//2.1e-49:301:72//AP000023
 F-NT2RP2003446
 F-NT2RP2003456//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.0018:366:60//AJ235272
 F-NT2RP2003466//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene, complete sequence.//7.5e-16:189:68//AC004770
 40 F-NT2RP2003480//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//1.9e-25:197:85//M21977
 F-NT2RP2003499 2.1e-08:408:61//AB000826
 F-NT2RP2003506//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.9e-33:192:96//AC005236
 45 F-NT2RP2003511//Ceratopteris richardii mRNA for CRHB11, partial cds.//1.0:328:60//AB013801
 F-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds.//7.3e-76:403:93//D87460
 F-NT2RP2003517//Human osteosarcoma cell line U-2 OS mRNA fragment for PDGF-B chain (PDGF= platelet-derived growth factor).//1.5e-24:151:95//X03702
 F-NT2RP2003522//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//1.3e-101:564:91//M21977
 50 F-NT2RP2003533//Human DNA sequence from cosmid F1121 on chromosome 6.//2.0e-40:315:75//Z80899
 F-NT2RP2003543
 F-NT2RP2003559//H.sapiens CpG island DNA genomic Mse1 fragment, clone 90a5, reverse read cpg90a5.rt1a.//1.1e-20:122:99//Z56144
 F-NT2RP2003564//Human 52-kD ribonucleoprotein Ro/SSA mRNA, complete cds.//8.8e-27:664:63//M34551
 55 F-NT2RP2003567//Homo sapiens mRNA for KIAA0462 protein, partial cds.//4.1e-113:541:98//AB007931
 F-NT2RP2003581
 F-NT2RP2003596//F.rubripes GSS sequence, clone 036L10aF12, genomic survey sequence.//J1.9e-11:210:65//AL012756

- F-NT2RP2003604//Homo sapiens alpha-catenin-like protein (CTNNAL1) mRNA, complete cds.//1.9e-123:587:98//AF030233
- F-NT2RP2003629
- 5 F-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//7.8e-88:582:84//AJ006215
- F-NT2RP2003668//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//5.6e-47:335:83//AC005081
- F-NT2RP2003687//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete sequence.//1.2e-06:133:74//AC003684
- 10 F-NT2RP2003691//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 525L6, WORKING DRAFT SEQUENCE.//1.7e-47:337:81//AL023807
- F-NT2RP2003702//Rattus norvegicus ovarian-specific protein mRNA, complete cds.//1.3e-65:458:82//U44803
- F-NT2RP2003704//H.sapiens CpG island DNA genomic MseI fragment, clone 2a9, reverse read cpg2a9.rt1e.//3.8e-17:170:84//Z60615
- 15 F-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds.//2.6e-108:518:98//AB011097
- F-NT2RP2003713//HS_2016_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2016 Col=9 Row=D, genomic survey sequence.//1.3e-11:102:90//AQ226895
- F-NT2RP2003714//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//1.4e-27:249:78//AC003973
- 20 F-NT2RP2003727//RPC11-77I19.TV RPC11 Homo sapiens genomic clone R-77I19, genomic survey sequence.//3.4e-26:294:74//AQ268303
- F-NT2RP2003737//Homo sapiens clone DJ1022I14, WORKING DRAFT SEQUENCE, 14 unordered pieces.//2.6e-74:194:91//AC004951
- F-NT2RP2003751//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-911E12, complete sequence.//1.7e-92:165:96//AC003964
- 25 F-NT2RP2003760//B.primigenius mRNA for coat protein gamma-cop.//4.5e-76:696:73//X92987
- F-NT2RP2003764//Homo sapiens gene for MTG16, exon 1b, partial sequence.//1.0:109:69//AB013275
- F-NT2RP2003769
- F-NT2RP2003770//Homo sapiens chromosome 17, clone hRPC.1050_D_4, complete sequence.//3.0e-96:467:98//AC004771
- 30 F-NT2RP2003777
- F-NT2RP2003781//tricarboxylate carrier [rats, liver, mRNA Partial, 2986 nt].//7.2e-107:731:82//S70011
- F-NT2RP2003793//CIT-HSP-2326L12.TF CIT-HSP Homo sapiens genomic clone 2326L12, genomic survey sequence.//7.0e-20:124:95//AQ038761
- 35 F-NT2RP2003825//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//8.9e-06:151:74//AC004491
- F-NT2RP2003840//Arabidopsis thaliana chromosome II BAC F12A24 genomic sequence, complete sequence.//0.018:145:69//AC005167
- F-NT2RP2003857//HS_3227_A2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3227 Col=8 Row=M, genomic survey sequence.//0.96:257:61//AQ303467
- 40 F-NT2RP2003859
- F-NT2RP2003871//Homo sapiens 12q24 PAC RPC11-74B13 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.0e-12:369:65//AC002375
- F-NT2RP2003885//CITBI-E1-2514D6.TF CITBI-E1 Homo sapiens genomic clone 2514D6, genomic survey sequence.//0.13:167:64//AQ265722
- 45 F-NT2RP2003912//nek1=serine/threonine- and tyrosine-specific protein kinase [mice, erythroleukemia cells, mRNA, 4263 nt].//1.3e-136:838:86//S45828
- F-NT2RP2003952
- F-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds.//2.1e-28:165:96//AB014458
- 50 F-NT2RP2003976//Human DNA sequence from clone 283E3 on chromosome 1p36.21-36.33. Contains the alternatively spliced gene for Matrix Metalloproteinase in the Female Reproductive tract MIFR1, -2, MMP21/22A, -B and -C, a novel gene, the alternatively spliced CDC2L2 gene for Cell Division Cycle 2-Like 2 (PITSLRE, p58/GTA, Galactosyltransferase Associated Protein Kinase) beta 1, beta 2-1, beta 2-2 and alpha 2-4, a 40S Ribosomal Protein S7 pseudogene, part of the KIAA0447 gene, a novel alternatively spliced gene similar to many (archae) bacterial, worm and yeast hypothetical genes, and the GNB1 gene for Guanine Nucleotide Binding Protein (G protein), Beta polypeptide 1 (Transducin Beta chain 1). Contains putative CpG islands, ESTs, STSs and GSSs, complete sequence.//2.6e-24:298:74//AL031282
- 55

F-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds.//9.9e-160:783:96//AB018347
 F-NT2RP2003984
 F-NT2RP2003986//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.7e-26:260:77//AC000382
 5 F-NT2RP2003988//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//9.1e-61:701:70//AL031681
 F-NT2RP2004013//Human DNA sequence from clone 372K1 on chromosome 6q24 Contains EST, STS, GSS and CpG Island, complete sequence.//3.0e-123:693:91//AL023580
 F-NT2RP2004014
 10 F-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127, complete sequence.//5.8e-83:427:87//AC004780
 F-NT2RP2004042
 F-NT2RP2004066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134O19, WORKING DRAFT SEQUENCE.//5.6e-110:528:98//AL034555
 15 F-NT2RP2004081
 F-NT2RP2004098//HS_2216_A1_B12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2216 Col=23 Row=C, genomic survey sequence.//1.0e-07:86:84//AQ145694
 F-NT2RP2004124//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=8 Row=B, genomic survey sequence.//3.0e-25:155:94//AQ136993
 20 F-NT2RP2004142//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K8K14, complete sequence.//1.0:220:62//AB007645
 F-NT2RP2004152//Drosophila melanogaster DNA sequence (P1 DS02252 (D97)), complete sequence.//0.93:480:56//AC002493
 F-NT2RP2004165//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.051:265:61//AC005140
 25 F-NT2RP2004170//Homo sapiens distal-less homeobox protein (DLX7) gene, complete cds.//1.0:162:66//AF028235
 F-NT2RP2004172//S.pombe chromosome II cosmid c24E9.//1.7e-06:466:59//AL021816
 F-NT2RP2004187//Homo sapiens full-length insert cDNA YQ86E07.//3.5e-17:354:64//AF075093
 30 F-NT2RP2004194//Rattus norvegicus Golgi SNARE GS15 mRNA, complete cds.//9.4e-53:397:82//AF003998
 F-NT2RP2004196
 F-NT2RP2004207//Human von Willebrand factor pseudogene corresponding to exons 23 through 34.//0.0023:386:61//M60676
 F-NT2RP2004226//HS_2186_A1_D03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2186 Col=5 Row=G, genomic survey sequence.//7.8e-58:370:87//AQ063813
 35 F-NT2RP2004232//H.sapiens mRNA for protein kinase C mu.//1.2e-34:448:67//X75756
 F-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete cds.//5.2e-108:510:99//AB015718
 F-NT2RP2004240//Pyrococcus horikoshii OT3 genomic DNA, 1166001-1485000 nt. position (6/7).//1.1e-12:489:61//AP000006
 40 F-NT2RP2004242
 F-NT2RP2004245
 F-NT2RP2004270//Streptomyces coelicolor cosmid 1A9.//7.5e-07:462:62//AL034446
 F-NT2RP2004300//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//3.5e-11:299:64//AC005781
 45 F-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds.//4.5e-150:735:97//AF000416
 F-NT2RP2004321//Drosophila melanogaster DNA sequence (P1 DS02110 (D147)), complete sequence.//0.98:267:59//AC004423
 F-NT2RP2004339//Human Chromosome 16 BAC clone CIT987SK-A-355G7, complete sequence.//1.6e-40:419:75//AC002519
 50 F-NT2RP2004347//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//1.2e-72:439:82//AL031650
 F-NT2RP2004364
 F-NT2RP2004365
 F-NT2RP2004366//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//0.92:427:57//AL031864
 55 F-NT2RP2004373//Homo sapiens cosmids Qc15C1 and 94B6 from Xq28, complete sequence.//2.6e-26:493:65//AF035397

F-NT2RP2004389//HS_2183_B2_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2183 Col=8 Row=P, genomic survey sequence.//2.9e-11:83:96//AQ063969
 F-NT2RP2004392
 5 F-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21, complete sequence.//1.1e-171:875:95//
 AC005164
 F-NT2RP2004399//Homo sapiens SYBL1 gene.//1.4e-24:467:64//AJ004799
 F-NT2RP2004400//Arabidopsis thaliana BAC T19B17 from chromosome IV, near 19.3 cM, complete sequence.//
 0.00074:455:59//AF069441
 10 F-NT2RP2004412//H.sapiens CpG island DNA genomic Mse1 fragment, clone 34g4, reverse read cpg34g4.rt1a.//
 5.0e-27:154:98//Z65369
 F-NT2RP2004425
 F-NT2RP2004463//Streptomyces coelicolor cosmid 2E9.//0.0053:196:65//AL021530
 F-NT2RP2004476//Drosophila melanogaster cosmid 67A9.//5.2e-15:377:63//AL034388
 F-NT2RP2004490//Homo sapiens chromosome 16, P1 clone 94-10H (LANL), complete sequence.//4.3e-100:497:
 15 97//AC005591
 F-NT2RP2004512//Plasmodium falciparum MAL3P5, complete sequence.//2.3e-07:815:57//AL034556
 F-NT2RP2004523//Homo sapiens clone DJ0800G07, complete sequence.//8.5e-138:718:95//AC004890
 F-NT2RP2004538//Homo sapiens mRNA for KIAA0591 protein, partial cds.//1.4e-137:687:96//AB011163
 20 F-NT2RP2004551//CIT-HSP-2387G7.TF.1 CIT-HSP Homo sapiens genomic clone 2387G7, genomic survey se-
 quence.//2.1e-85 :484:91//AQ239555
 F-NT2RP2004568//H.vulgare GAA-satellite DNA.//2.0e-07:292:62//Z50100
 F-NT2RP2004580//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING
 DRAFT SEQUENCE.//4.5e-44:512:72//AL023755
 F-NT2RP2004587//Candida albicans cytoskeleton assembly control protein (SLA2) gene, partial cds.//1.0:344:
 25 56//AF092908
 F-NT2RP2004594//nbxb0019H13r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0019H13r, genomic
 survey sequence.//0.053:324:60//AQ258020
 F-NT2RP2004600
 30 F-NT2RP2004602//Homo sapiens chromosome 19, cosmid F21431, complete sequence.//0.12:109:73//
 AC005176
 F-NT2RP2004614
 F-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//2.6e-102:496:98//AJ006291
 F-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds.//1.6e-153:728:98//AB007929
 F-NT2RP2004675//Homo sapiens chromosome 12q24.1, WORKING DRAFT SEQUENCE, 33 unordered pieces.//
 35 0.092:239:61//AC005805
 F-NT2RP2004681//Human DNA sequence from clone 51J23 on chromosome Xq26.3-27.3. Contains an EST and
 GSSs, complete sequence.//1.0:236:61//AL031312
 F-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds.//1.3e-59:327:94//AB014525
 40 F-NT2RP2004709//HS_2033_B2_E04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2033 Col=8 Row=J, genomic survey sequence.//1.9e-15:187:74//AQ230714
 F-NT2RP2004710//HS_3185_82_D07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3185 Col=14 Row=H, genomic survey sequence.//9.9e-10:110:84//AQ172885
 F-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds.//6.4e-117:582:96//AB007947
 F-NT2RP2004743//Human DNA sequence from PAC 37M17 chromosome X.//0.14:138:71//Z78022
 45 F-NT2RP2004767//H.sapiens CpG island DNA genomic Mse1 fragment, clone 65c11, reverse read
 cpg65c11.rt1a.//1.3e-24:217:81//Z62210
 F-NT2RP2004768//Homo sapiens STE20-like kinase 3 (mst-3) mRNA, complete cds.//1.6e-45:541:71//AF024636
 F-NT2RP2004775//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//5.8e-13:
 697:59//AE001398
 50 F-NT2RP2004791//Human HeLa mRNA isolated as a false positive in a two-hybrid screen.//5.0e-53:353:84//
 U56252
 F-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//
 1.5e-116:594:95//AF058953 F-NT2RP2004802
 F-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds.//2.1e-101:495:97//AF054179
 55 F-NT2RP2004841//Human DNA sequence from cosmid J138O17, between markers DXS6791 and DXS8038 on
 chromosome X contains EST CA repeat and an endogenous retroviral like element.//7.6e-82:531:84//Z72519
 F-NT2RP2004861//Fugu rubripes GSS sequence, clone 040O17bA3, genomic survey sequence.//0.96:183:64//
 AL025645

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F-NT2RP2004897//Human Chromosome X clone bWXD187, complete sequence.//4.8e-142:710:96//AC004383
 F-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete cds.//2.0e-82:418:95//AB007144
 F-NT2RP2004936
 5 F-NT2RP2004959//HS_3197_A2_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3197 Col=22 Row=M, genomic survey sequence.//3.5e-25:218:83//AQ150183
 F-NT2RP2004961//Rattus norvegicus KRAB/zinc finger suppressor protein 1 (KS1) mRNA, complete cds.//2.5e-59:339:79//U56732
 F-NT2RP2004962//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemochromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//3.6e-19:187:72//U91328
 10 F-NT2RP2004967//Plasmodium falciparum MAL3P6, complete sequence.//0.0020:297:61//Z98551
 F-NT2RP2004978//Chlamydomonas reinhardtii VSP-3 mRNA, complete cds.//0.22:162:69//L29029
 F-NT2RP2004982//F26D4-Sp6 IGF Arabidopsis thaliana genomic clone F26D4, genomic survey sequence.//0.13:273:61//B12642
 15 F-NT2RP2004985//Human mRNA for KIAA0144 gene, complete cds.//1.5e-20:431:65//D63478
 F-NT2RP2004999
 F-NT2RP2005000//Rattus gene for beta-1 subunit of Na,K-ATPase.//0.019:240:63//X63375
 F-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds.//6.0e-159:782:97//AB014515
 F-NT2RP2005003//H.sapiens Staf50 mRNA.//3.1e-42:430:75//X82200
 20 F-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds.//1.4e-98:501:96//AF100141
 F-NT2RP2005018//Homo sapiens PAC clone DJ0659J06 from 7q33-q35, complete sequence.//1.0:209:63//AC004849
 F-NT2RP2005020
 F-NT2RP2005022//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//3.0e-43:98:93//AC000380
 25 F-NT2RP2005031//HS_2052_B2_G10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2052 Col=20 Row=N, genomic survey sequence.//0.019:363:61//AQ231464
 F-NT2RP2005037//Human 3' of immunoglobulin heavy chain locus (IGHA2) gene.//0.70:174:65//U64454
 F-NT2RP2005038//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//0.20:519:57//AC005696
 30 F-NT2RP2005108
 F-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds.//2.0e-103:495:98//AB014564
 F-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein).//2.9e-27:157:98//X98743
 35 F-NT2RP2005139//Amycolatopsis mediterranei genes encoding rifamycin polyketide synthases, ORFs 1 to 5.//0.00024:547:59//AJ223012
 F-NT2RP2005140//Homo sapiens chromosome 21, Neurofibromatosis 1 (NF1) related locus, complete sequence.//0.95:191:62//AC004527
 F-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds.//2.6e-89:447:96//AF045583
 40 F-NT2RP2005147//HS_3184_A1_E01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3184 Col=1 Row=I, genomic survey sequence.//0.10:294:60//AQ252226
 F-NT2RP2005159//H.sapiens CpG island DNA genomic MseI fragment, clone 132g6, forward read cpg132g6.ft1a.//1.1e-13:93:97//Z59162
 F-NT2RP2005162//Caenorhabditis elegans cosmid F01F1.//2.6e-20:394:64//U13070
 45 F-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//1.4e-125:633:96//AJ007509
 F-NT2RP2005204//Arabidopsis thaliana ubiquitin activating enzyme (UBA1) gene, complete cds.//0.00016:316:60//U80808
 F-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//0.51:52:92//AC005189
 50 F-NT2RP2005239//S.pombe chromosome II cosmid c21D10.//1.3e-22:356:67//AL031536
 F-NT2RP2005254
 F-NT2RP2005270//H.sapiens genomic DNA (chromosome 3; clone NL197R).//0.58:132:65//X87513
 F-NT2RP2005276//Rat mRNA for brain acyl-CoA synthetase II, complete cds.//9.0e-103:656:85//D30666
 F-NT2RP2005287//Cavia porcellus zinc finger protein (zfoC1) mRNA, complete cds.//3.4e-37:302:84//L26335
 55 F-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//7.1e-122:604:96//AF060219
 F-NT2RP2005289//Homo sapiens mRNA for XRP2 protein.//4.0e-140:670:98//AJ007590
 F-NT2RP2005293//HS_3245_B1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

- nomic clone Plate=3245 Col=19 Row=J, genomic survey sequence.//8.2e-37:223:92//AQ217454
 F-NT2RP2005315//Homo sapiens mRNA for KIAA0676 protein, partial cds.//1.1e-95:483:96//AB014576
 F-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds.//8.2e-22:166:90//U11701
- 5 F-NT2RP2005336//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds.//0.39:353:62//AF032387
 F-NT2RP2005344//Homo sapiens mRNA for KIAA0566 protein, partial cds.//8.8e-29:456:66//AB011138
 F-NT2RP2005354//Human DNA sequence from PAC 435C23 on chromosome X. Contains ESTs.//0.72:431:61//Z92844
- 10 F-NT2RP2005358//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds.//4.7e-99:489:96//AF072247
 F-NT2RP2005360//Pan troglodytes huntingtin gene, partial exon.//0.93:105:67//L49358
 F-NT2RP2005393//Rat parathyroid hormone receptor mRNA, complete cds.//2.4e-08:97:83//M77184
 F-NT2RP2005407
- 15 F-NT2RP2005436//Homo sapiens chromosome 16, cosmid clone 2H2 (LANL), complete sequence.//0.014:235:62//AC005346
 F-NT2RP2005441//CIT-HSP-2338P5.TR CIT-HSP Homo sapiens genomic clone 2338P5, genomic survey sequence.//4.0e-107:532:97//AQ055548
 F-NT2RP2005453//F21C16TFC IGF Arabidopsis thaliana genomic clone F21C16, genomic survey sequence.//1.0:239:61//B97865
- 20 F-NT2RP2005457//B.taurus Cl-B14.5b mRNA for NADH dehydrogenase (ubiquinone).//4.7e-25:245:79//X68647
 F-NT2RP2005464//Human DNA sequence from clone 836E8 on chromosome 20p12 Contains EST, CA repeat, STS, GSS, retroviral sequence, complete sequence.//4.6e-111:724:86//AL031679
 F-NT2RP2005465//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//6.5e-18:152:75//AC006116
- 25 F-NT2RP2005472//Human DNA sequence from clone 1118D24 on chromosome 1p36.11-36.33. Contains part of a novel gene similar to worm genes T08G11.1 and C25H3.9, part of a 60S Ribosomal Protein L10 LIKE (pseudo) gene and two 3' exons of the TNFR2 gene for Tumor Necrosis Factor Receptor 2 (75 kD) (TNF Binding Protein 2, TBPII, TNF-R2, CD120B, TNFBR). Contains ESTs, STSs, GSSs, genomic marker D1S434 and a ca repeat polymorphism, complete sequence.//4.4e-12:89:97//AL031276
 F-NT2RP2005476//Homo sapiens BAC clone RG293F17 from 7p15-p21, complete sequence.//4.3e-40:463:73//AC004130
- 30 F-NT2RP2005490//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//3.2e-115:228:99//AC006030
 F-NT2RP2005491//HS_2253_A2_G10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=20 Row=M, genomic survey sequence.//4.6e-23:234:80//AQ116847
 F-NT2RP2005495
- 35 F-NT2RP2005496//HS_3064_A1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=15 Row=K, genomic survey sequence.//5.3e-90:436:98//AQ143097
 F-NT2RP2005498//Rabbit protein phosphatase 2A beta subunit mRNA, complete cds.//1.4e-63:503:78//M64931
 F-NT2RP2005501//Homo sapiens chromosome 10 clone CIT987SK-1143A11 map 10q25, complete sequence.//0.86:183:63//AC005880
- 40 F-NT2RP2005509//Homo sapiens cosmid LM1937 from Xq28.//1.0:160:65//U82695
 F-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//3.9e-81:444:92//AF092563
- 45 F-NT2RP2005525//Homo sapiens mRNA for KIAA0764 protein, complete cds.//6.9e-18:112:99//AB018307
 F-NT2RP2005531//Human structural protein 4.1 mRNA, complete cds.//1.1e-06:282:60//M14993
 F-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//2.9e-153:747:97//AJ012449
 F-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds.//5.9e-130:618:98//AB007963
- 50 F-NT2RP2005549//Mus musculus clone OST142, genomic survey sequence.//3.1e-43:277:89//AF046734
 F-NT2RP2005555//HS_2188_A2_D04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2188 Col=8 Row=G, genomic survey sequence.//8.0e-05:195:65//AQ086723
 F-NT2RP2005557//Homo sapiens clone 486790 diphosphoinositol polyphosphate phosphohydrolase mRNA, complete cds.//2.5e-44:473:71//AF062529
- 55 F-NT2RP2005581//Homo sapiens BAC clone GS180J15 from 7q31, complete sequence.//0.99:213:65//AC005016
 F-NT2RP2005600//H.sapiens CpG island DNA genomic MseI fragment, clone 172d12, reverse read cpg172d12.rt1a.//0.32:134:63//Z57359
 F-NT2RP2005605

- F-NT2RP2005620//Homo sapiens epsin 2a mRNA, complete cds.//9.8e-91:447:97//AF062085
 F-NT2RP2005622
 F-NT2RP2005635//Saccharomyces cerevisiae chromosome VIII cosmid 9205.//8.6e-17:411:61//U10556
 F-NT2RP2005637//NAT1 (NAT1*10)=acetyltransferase 1 {3' region, polyadenylation polymorphism} [human, unre-
- 5 F-NT2RP2005640//Mouse U6 RNA gene.//5.5e-19:249:76//X06980
 F-NT2RP2005645//HS_2201_B2_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2201 Col=14 Row=H, genomic survey sequence.//0.30:159:65//AQ066763
 F-NT2RP2005651//H.sapiens DNA sequence.//0.00037:150:66//Z22493
- 10 F-NT2RP2005654//Homo sapiens mRNA for KIAA0288 gene, complete cds.//4.7e-07:351:62//AB006626
 F-NT2RP2005669//Homo sapiens KE05 protein mRNA, complete cds.//8.2e-98:472:98//AF064605
 F-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//2.4e-94:462:98//
 AF089814
 F-NT2RP2005683//HS-1024-B1-H05-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 803 Col=9 Row=P, genomic survey sequence.//0.99:156:64//B34405
- 15 F-NT2RP2005690//Human pyrroline 5-carboxylate reductase mRNA, complete cds.//7.7e-10:328:61//M77836
 F-NT2RP2005694
 F-NT2RP2005701//Homo sapiens 12p13.3 BAC RPC111-288K12 (Roswell Park Cancer Institute Human BAC Li-
 brary) complete sequence.//0.72:160:65//AC005183
- 20 F-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds.//1.6e-124:599:97//AB018342
 F-NT2RP2005719//R.norvegicus mRNA for metallothionein-III.//0.86:117:64//X89603
 F-NT2RP2005722//Human zinc finger protein ZNF136.//2.6e-44:415:77//U09367
 F-NT2RP2005723//Human BAC clone GS542D18 from 7q31-q32, complete sequence.//6.9e-15:153:81//
 AC002528
- 25 F-NT2RP2005726//Homo sapiens clone DJ0577P23, WORKING DRAFT SEQUENCE, 28 unordered pieces.//
 5.1e-41:138:95//AC005627
 F-NT2RP2005732//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 291J10, WORKING
 DRAFT SEQUENCE.//0.61:303:60//Z93017
 F-NT2RP2005741//Homo sapiens PALM gene, exon 1 and joined CDS.//0.52:116:67//Y16270
- 30 F-NT2RP2005748//Human Kox11 mRNA for zinc finger protein, partial.//0.11:136:66//X52342
 F-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds.//7.8e-22:134:96//
 AF068868
 F-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//1.2e-100:486:98//
 AF082516
- 35 F-NT2RP2005763//Human mRNA for KIAA0111 gene, complete cds.//0.00073:425:56//D21853
 F-NT2RP2005767//G.gallus PB1 gene.//2.1e-73:544:80//X90849
 F-NT2RP2005773//Human pyrroline 5-carboxylate reductase mRNA, complete cds.//6.2e-15:153:82//M77836
 F-NT2RP2005775//Sus scrofa mRNA for soluble angiotensin-binding protein, complete cds.//1.2e-121:649:88//
 D11336
- 40 F-NT2RP2005781//Pseudomonas aeruginosa gene for MexX and MexY, complete cds.//0.96:184:60//AB015853
 F-NT2RP2005784//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING
 DRAFT SEQUENCE.//1.9e-63:222:96//AL034423
 F-NT2RP2005804//Oryza sativa glycine-rich protein (OSGRP1) mRNA, complete cds.//2.6e-07:232:64//
 AF010579
- 45 F-NT2RP2005812
 F-NT2RP2005815//Streptomyces sp. gene for alkaline serine protease I.//0.031:358:59//X74103
 F-NT2RP2005835//Rattus norvegicus mRNA for p47, complete cds.//2.5e-107:449:91//AB002086
 F-NT2RP2005841//Human DNA sequence from cosmid U209G1 on chromosome X.//5.1e-05:144:73//Z68873
 F-NT2RP2005853//RPC111-24D4.TKBF RPCI-11 Homo sapiens genomic clone RPCI-11-24D4, genomic survey
 sequence.//6.4e-13:130:85//AQ013490
- 50 F-NT2RP2005857//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds.//1.7e-174:
 829:98//AF092564
 F-NT2RP2005859//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 914P20, WORKING
 DRAFT SEQUENCE.//0.25:174:62//AL034553
- 55 F-NT2RP2005868//Fugu rubripes GSS sequence, clone 103I24aF4, genomic survey sequence.//7.8e-06:92:79//
 AL027276
 F-NT2RP2005886//HS_3187_A2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3187 Col=16 Row=G, genomic survey sequence.//7.1e-95:494:95//AQ155885

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F-NT2RP2005890//Mouse oncogene (ect2) mRNA, complete cds.//2.7e-32:660:66//L11316
 F-NT2RP2005901//H.sapiens CpG island DNA genomic MseI fragment, clone 15b5, reverse read cpg15b5.rt1a.//
 0.0026:66:84//Z54729
 F-NT2RP2005908//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC li-
 5 brary) complete sequence.//6.4e-49:481:75//AC004241
 F-NT2RP2005933//Rattus norvegicus nucleoporin p54 mRNA, complete cds.//6.6e-61:657:73//U63840
 F-NT2RP2005942//H.sapiens PAP mRNA.//1.6e-46:618:67//X76770
 F-NT2RP2005980//Homo sapiens chromosome 17, clone hRPC.1081_P_3, complete sequence.//1.0e-48:533:
 71//AC005207
 10 F-NT2RP2006023//HS_3048_A1_A11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3048 Col=21 Row=A, genomic survey sequence.//2.1e-25:167:91//AQ126553
 F-NT2RP2006038//CIT-HSP-384K4.TR CIT-HSP Homo sapiens genomic clone 384K4, genomic survey se-
 quence.//3.9e-06:102:74//B51912
 F-NT2RP2006043//Human intercrine-alpha (hIRH) mRNA, complete cds.//1.9e-05:418:59//U19495
 15 F-NT2RP2006052//Peromyscus polionotus ammobates dinucleotide microsatellite Ppa55.//0.0035:226:65//
 AF016861
 F-NT2RP2006069//Human HepG2 partial cDNA, clone hmd3g02m5.//3.9e-11:121:85//D17047
 F-NT2RP2006071
 F-NT2RP2006098//Homo sapiens chromosome 21q22.2, cosmid D13C2, complete sequence.//0.46:264:59//
 20 AF027207
 F-NT2RP2006100//Human Chromosome X, complete sequence.//3.2e-94:488:95//AC004073
 F-NT2RP2006103//HS_2254_A2_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2254 Col=4 Row=G, genomic survey sequence.//5.7e-27:156:96//AQ129602
 F-NT2RP2006106//Human Chromosome 11 pac pDJ1173a5, complete sequence.//11.2e-62:655:71//AC000378
 25 F-NT2RP2006141//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING
 DRAFT SEQUENCE.//1.2e-69:316:98//AL034405
 F-NT2RP2006166//Homo sapiens chromosome 4 clone B3218, complete sequence.//3.1e-45:387:81//AC004063
 F-NT2RP2006184//Cricetulus griseus beta-1,6-N-acetylglucosaminyltransferase Lec4A cell line point mutant mR-
 NA, complete cds.//0.99:111:73//U62587
 30 F-NT2RP2006186//Homo Sapiens mRNA for KIAA0654 protein, partial cds.//7.8e-113:567:96//AB014554
 F-NT2RP2006196//Homo sapiens clone DJ1189D06, complete sequence.//2.8e-28:718:62//AC005232
 F-NT2RP2006200//Homo sapiens chromosome 12p13.3 clone RPCI1-96H9, WORKING DRAFT SEQUENCE, 66
 unordered pieces.//6.5e-83:239:94//AC006057
 F-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//1.4e-116:618:93//X96484
 35 F-NT2RP2006237//CIT-HSP-2300P9.TR CIT-HSP Homo sapiens genomic clone 2300P9, genomic survey se-
 quence.//2.0e-18:118:97//AQ012480
 F-NT2RP2006238//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//7.6e-102:635:86//
 U49055
 F-NT2RP2006258//RPCI11-9N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-9N9, genomic survey se-
 40 quence.//8.6e-05:181:63//B71615
 F-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK.//0.44:111:71//X97630
 F-NT2RP2006275//Pseudorabies virus UL[5,6,7,8,8.5,9,10,11,12,13] genes.//2.0e-05:501:59//X97257
 F-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.7e-138:679:97//AF035262
 F-NT2RP2006320//P.falciparum pfmdr1 gene.//0.00013:425:60//X56851
 45 F-NT2RP2006321//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//4.1e-19:545:62//
 AC003973
 F-NT2RP2006323//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745I14, WORKING
 DRAFT SEQUENCE.//8.9e-18:131:90//AL033532
 F-NT2RP2006333//Homo sapiens PAC clone DJ0808A01 from 7q21.1-q31.1, complete sequence.//6.2e-125:602:
 50 98//AC004893
 F-NT2RP2006334//Homo sapiens chromosome 19, cosmid R27139, complete sequence.//2.1e-06:241:65//
 AC005514
 F-NT2RP2006365//Fugu rubripes GSS sequence, clone 171K15aC5, genomic survey sequence.//7.8e-06:148:
 70//AL029590
 55 F-NT2RP2006393//Human DNA sequence from clone 80I19 on chromosome 6p21.31-22.2 Contains genes and
 pseudogenes for olfactory receptor-like proteins, STS, GSS, complete sequence.//6.8e-06:167:70//AL022727
 F-NT2RP2006436//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING
 DRAFT SEQUENCE.//4.2e-92:363:84//AL023808

F-NT2RP2006441
 F-NT2RP2006454//Sequence 8 from Patent WO9517522.//2.9e-06:180:66//A45338
 F-NT2RP2006456
 F-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//3.4e-148:545:98//AJ006266
 5 F-NT2RP2006467//Sus scrofa IgM heavy chain gene, switch region and exons encoding ch1-ch4 and secretion domains, partial cds.//0.061:201:66//U50149
 F-NT2RP2006472
 F-NT2RP2006534//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSs, GSSs and a CA repeat polymorphism, complete sequence.//8.8e-10:273:66//Z93929
 10 F-NT2RP2006554//Human DNA mismatch repair protein homolog (hMLH1) gene, exon 6.//0.71:174:59//U40965
 F-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete cds.//6.6e-114:669:90//AF038966
 F-NT2RP2006571//Rabbit cytochrome P-450 isozyme 2 (type B2) mRNA, complete cds, clone B2-1.//6.0e-26:503:63//M20855
 15 F-NT2RP2006573//Mollusca contagiosum virus subtype 1, complete genome.//0.44:134:71//U60315
 F-NT2RP2006598//Human BRCA2 region, mRNA sequence CG033.//5.0e-16:140:85//U50537
 F-NT2RP3000002//***ALU WARNING: Human Alu-Sc subfamily consensus sequence.//3.8e-32:214:89//U14571
 F-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//5.8e-136:637:98//AJ011972
 20 F-NT2RP3000046//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//5.4e-05:571:60//L14320
 F-NT2RP3000047
 F-NT2RP3000050//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and-9.//1.0e-67:626:74//M27877
 25 F-NT2RP3000055//Genomic sequence from Human 9q34, complete sequence.//3.5e-10:394:64//AC001227
 F-NT2RP3000068
 F-NT2RP3000072//Homo sapiens BAC clone RG290G13 from 7q21, complete sequence.//1.0:301:61//AC004746
 F-NT2RP3000080//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 102D24, WORKING DRAFT SEQUENCE.//1.9e-44:297:79//AL021391
 30 F-NT2RP3000085//Arabidopsis thaliana 3-methylcrotonyl-CoA carboxylase precursor mRNA, complete cds.//4.5e-33:528:65//U12536
 F-NT2RP3000092//RPCI11-22M5.TV RPCI-11 Homo sapiens genomic clone RPCI-11-22M5, genomic survey sequence.//3.3e-27:157:97//B84237
 35 F-NT2RP3000109//Arabidopsis thaliana 1-amino-1-cyclopropanecarboxylate synthase (ACS5) gene, complete cds.//0.92:185:64//L29260
 F-NT2RP3000134//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//1.2e-112:286:89//AC005189
 F-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds.//9.0e-181:849:98//AB011164
 40 F-NT2RP3000149//Homo sapiens chromosome 17, clone hRPK.264_B_14, complete sequence.//4.2e-24:155:94//AC005884
 F-NT2RP3000186//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 500L14, WORKING DRAFT SEQUENCE.//7.2e-43:269:81//AL023583
 45 F-NT2RP3000197//Homo sapiens interleukin 9 receptor (IL9R) pseudogene, exons 1-9.//0.098:405:57//L39063
 F-NT2RP3000207//Drosophila melanogaster DNA sequence (P1 DS00164 (D269)), complete sequence.//0.96:608:55//AC004716
 F-NT2RP3000220
 F-NT2RP3000233//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//2.0e-18:509:58//AF059569
 50 F-NT2RP3000235//Mouse Cosmid ma53a016 from 14D1-D2, complete sequence.//3.5e-05:224:65//AC004101
 F-NT2RP3000247//Human mRNA for KIAA0218 gene, complete cds.//2.1e-109:691:86//D86972
 F-NT2RP3000251//Caenorhabditis elegans cosmid ZK930, complete sequence.//0.20:119:68//Z70213
 F-NT2RP3000252//Homo sapiens cosmid 1F1, complete sequence.//9.8e-78:174:88//AF065393
 55 F-NT2RP3000255
 F-NT2RP3000267
 F-NT2RP3000299//Mus musculus Crk-associated substrate (Cas-b) mRNA, complete cds.//5.9e-48:374:82//U48853
 F-NT2RP3000312//Fruit fly (D.melanogaster) Glued mRNA, complete cds.//4.9e-22:583:63//J02932

- F-NT2RP3000320//RPCI11-36J1.TP RPCI-11 Homo sapiens genomic clone RPCI-11-36J1, genomic survey sequence.//4.4e-06:87:88//AQ047107
- F-NT2RP3000324//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//5.5e-26:283:79//U78090
- 5 F-NT2RP3000333//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 973M2, WORKING DRAFT SEQUENCE.//1.0:309:60//AL033533
- F-NT2RP3000341//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//6.7e-42:465:74//Z97181
- F-NT2RP3000348
- 10 F-NT2RP3000350//Homo sapiens cosmid 1F1, complete sequence.//3.4e-79:174:88//AF065393
- F-NT2RP3000359//Bovine mitochondrial GTP:AMP phosphotransferase mRNA, complete cds.//2.2e-127:816:85//M25757
- F-NT2RP3000361//Schizosaccharomyces pombe DNA for pre-mRNA splicing factor, complete cds.//0.0075:288:58//D83743
- 15 F-NT2RP3000366//Mus musculus ras-related protein (rab18) mRNA, complete cds.//7.1e-134:693:94//L04966
- F-NT2RP3000393//Rattus norvegicus mRNA for GABA-B R2 receptor.//0.049:308:60//AJ011318
- F-NT2RP3000397//S.cerevisiae chromosome VII reading frame ORF YGL120c.//0.00012:441:58//Z72642
- F-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds.//5.0e-174:841:97//AF071185
- F-NT2RP3000418//Homo sapiens chromosome 17, clone hRPK.1053_B_8, complete sequence.//7.9e-53:817:68//AC006083
- 20 F-NT2RP3000433//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//6.1e-31:590:63//AL031681
- F-NT2RP3000439//Fugu rubripes GSS sequence, clone 075E22aB10, genomic survey sequence.//4.0e-19:169:81//AL026471
- 25 F-NT2RP3000441//Human DNA sequence from PAC 93H18 on chromosome 6 contains ESTs heterochromatin protein HP1Hs-gamma pseudogene, STS and CpG island.//2.4e-41:459:65//Z84488
- F-NT2RP3000449//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//1.1e-100:365:87//AL031650
- F-NT2RP3000451//HS_2024_A1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2024 Col=19 Row=I, genomic survey sequence.//0.011:367:57//AQ229420
- 30 F-NT2RP3000456//CIT-HSP-2338P5.TR CIT-HSP Homo sapiens genomic clone 2338P5, genomic survey sequence.//1.5e-89:458:96//AQ055548
- F-NT2RP3000484//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 90L6, WORKING DRAFT SEQUENCE.//0.043:147:70//Z97353
- 35 F-NT2RP3000487//H.sapiens CpG island DNA genomic Mse1 fragment, clone 11b11, forward read cpg11b11.ft1a.//1.7e-11:96:92//Z64440
- F-NT2RP3000512//Human HOX2G mRNA from the Hox2 locus.//9.7e-17:109:97//X16667
- F-NT2RP3000526//Homo sapiens full-length insert cDNA clone YZ38E04.//4.1e-30:283:76//AF086071
- F-NT2RP3000527//Human mRNA for KIAA0211 gene, complete cds.//2.5e-34:706:63//D86966
- 40 F-NT2RP3000531//Mus musculus immunosuperfamily protein B12 mRNA, complete cds.//1.9e-14:220:70//AF061260
- F-NT2RP3000542//Human Chromosome 11p11.2 PAC clone pDJ404m15, complete sequence.//0.00019:361:60//AC002554
- F-NT2RP3000561//Homo sapiens PAC clone DJ0942I16 from 7q11, complete sequence.//9.0e-171:827:98//AC006012
- 45 F-NT2RP3000562
- F-NT2RP3000578//F.rubripes GSS sequence, clone 013G07cE7, genomic survey sequence.//1.7e-25:284:74//AL011271
- F-NT2RP3000582//CIT978SK-A-56H4.TP CIT978SK Homo sapiens genomic clone A-56H4, genomic survey sequence.//5.8e-07:239:66//B73597
- 50 F-NT2RP3000584
- F-NT2RP3000590//H.sapiens CpG island DNA genomic Mse1 fragment, clone 170d7, forward read cpg170d7.ft1a.//3.0e-22:128:100//Z59723
- F-NT2RP3000592//CIT-HSP-2288J7.TR CIT-HSP Homo sapiens genomic clone 2288J7, genomic survey sequence.//2.2e-78:382:98//B98868
- 55 F-NT2RP3000596//CIT-HSP-2375J10.TR CIT-HSP Homo sapiens genomic clone 2375J10, genomic survey sequence.//0.00076:143:67//AQ109305
- F-NT2RP3000599//Caenorhabditis elegans cosmid T19B10, complete sequence.//1.2e-13:295:66//Z74043

- F-NT2RP3000603//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//0.37:520:57//L14320
- F-NT2RP3000605//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//8.8e-155:526:97//AC006128
- 5 F-NT2RP3000622//HS_3213_A2_D02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=4 Row=G, genomic survey sequence.//4.1e-29:238:85//AQ175104
- F-NT2RP3000624//Homo sapiens clone DJ0800G07, complete sequence.//0.47:75:80//AC004890
- F-NT2RP3000628//Human DNA sequence from clone 581F12 on chromosome Xq21. Contains Eukaryotic Translation Initiation Factor EIF3 P35 Subunit and 60S Ribosomal protein L22 pseudogenes. Contains ESTs, complete
- 10 sequence.//0.078:393:58//AL031313
- F-NT2RP3000632//Human zinc finger protein zfp6 (ZF6) mRNA, partial cds.//1.4e-96:541:79//U71363
- F-NT2RP3000644//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//5.2e-46:421:77//AC005089
- F-NT2RP3000661
- 15 F-NT2RP3000665//Human DNA sequence from clone 1191B2 on chromosome 22q13.2-13.3. Contains part of the BIK (NBK, BP4, BIP1) gene for BCL2-interacting killer (apoptosis-inducing), a 40S Ribosomal Protein S25 pseudogene and part of an alternatively spliced novel Acyl Transferase gene similar to C. elegans C50D2.7. Contains ESTs, STSs, GSSs, two putative CpG islands and genomic marker D22S1151, complete sequence.//1.7e-11:292:65//AL022237
- 20 F-NT2RP3000685//H.sapiens mRNA for novel protein.//2.4e-80:460:92//X99961
- F-NT2RP3000690//H.sapiens flow-sorted chromosome 6 TaqI fragment, SC6pA10F6.//1.0:141:65//Z77872
- F-NT2RP3000736//Human mRNA for KIAA0140 gene, complete cds.//6.1e-20:127:96//D50930
- F-NT2RP3000739//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//1.1e-46:622:67//AF015264
- 25 F-NT2RP3000742//Rattus norvegicus phospholipase C delta-4 mRNA, complete cds.//4.7e-37:429:70//U16655
- F-NT2RP3000753
- F-NT2RP3000759//Caenorhabditis elegans cosmid Y57G11C, complete sequence.//2.8e-38:519:69//Z99281
- F-NT2RP3000815//HS_2237_A2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=24 Row=G, genomic survey sequence.//0.79:151:61//AQ067252
- 30 F-NT2RP3000825//Campanula ramosa chloroplast NADH dehydrogenase (ndhF) gene, complete cds.//0.36:378:58//L39387
- F-NT2RP3000826//Suid herpesvirus 1 Kaplan glycoprotein L (UL1) and uracil-DNA glycosylase (UL2) genes, complete cds, and (UL3) gene, partial cds.//0.0025:291:62//U02513 F-NT2RP3000836//Mouse complement factor H-related protein mRNA, complete cds, clone 9C4.//0.69:563:57//M29009
- 35 F-NT2RP3000841//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//2.1e-46:666:68//Z86062
- F-NT2RP3000845//Homo sapiens chromosome 19, cosmid R31237, complete sequence.//3.4e-92:193:93//AC005581
- 40 F-NT2RP3000847//Human HepG2 3' region cDNA, clone hmd5d02.//3.4e-32:261:81//D16938
- F-NT2RP3000850//Homo sapiens clone RG271G13, WORKING DRAFT SEQUENCE, 7 unordered pieces.//5.1e-44:358:81//AC005082
- F-NT2RP3000852//Homo sapiens DNA sequence from PAC 117P20 on chromosome 1q24. Contains the LNHR (SELL) gene coding for Lymph Node Homing Receptor (L-Selectin precursor, LAM-1 Leukocyte Adhesion Molecule, Leukocyte surface antigen Leu-8, TQ1, GP90-MEL, LECAM1 Leukocyte-Endothelial Cell Adhesion Molecule
- 45 1, CD62L). Contains the SELE gene coding for E-Selectin precursor (CD62E, ELAM-1 Endothelial Leukocyte Adhesion Molecule 1, LECAM-2 Leukocyte-Endothelial Cell Adhesion Molecule 2). Contains an unknown gene with homology to predicted yeast. plant and worm proteins. Contains ESTs and STSs, complete sequence.//4.4e-123:150:98//AL021940
- 50 F-NT2RP3000859//T19M2TF TAMU Arabidopsis thaliana genomic clone T19M2, genomic survey sequence.//0.016:185:65//B60831
- F-NT2RP3000865
- F-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds.//2.0e-29:766:60//U53445
- 55 F-NT2RP3000869//H.sapiens gene for plectin.//1.1e-12:700:60//Z54367
- F-NT2RP3000875//HS_2236_B1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2236 Col=19 Row=N, genomic survey sequence.//0.98:153:68//AQ154007
- F-NT2RP3000901//Human herpesvirus 2 glycoprotein B precursor (UL27) gene, complete cds.//0.44:213:65//

AF021340

F-NT2RP3000904//Rat Na⁺ channel mRNA, 3' end.//3.6e-106:505:99//M27223

F-NT2RP3000917//Mouse mRNA for Dhml protein, complete cds.//3.1e-132:691:93//D38517

5 F-NT2RP3000919//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//
3.2e-97:585:88//AF015264

F-NT2RP3000968//Human Chromosome 16 BAC clone CIT987SK-A-234F9, complete sequence.//5.8e-70:181:89//U91326

F-NT2RP3000980//R.norvegicus CYP3A1 gene, 5' flanking region.//6.1e-26:507:66//X98335

10 F-NT2RP3000994//HS-1049-B2-F03-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
Plate=CT 771 Col=6 Row=L, genomic survey sequence.//1.5e-22:128:100//B39529

F-NT2RP3001004//H.sapiens CpG island DNA genomic MseI fragment, clone 39c1, reverse read cpg39c1.rt1a./15.9e-27:150:99//Z60925

F-NT2RP3001007//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.11:610:57//AC006039

15 F-NT2RP3001055//Drosophila melanogaster; Chromosome 2R; Region 47F1-47F7; P1 clone DS02304, WORK-
ING DRAFT SEQUENCE, 5 unordered pieces.//1.8e-23:352:67//AC005653

F-NT2RP3001057//H.sapiens HZF4 mRNA for zinc finger protein.//1.4e-49:437:77//X78927

F-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//8.4e-50:534:74//AF060219

20 F-NT2RP3001084//Homo sapiens mRNA for KIAA0782 protein, partial cds.//1.2e-14:474:60//AB018325

F-NT2RP3001096//CIT-HSP-2305P8.TF CIT-HSP Homo sapiens genomic clone 2305P8, genomic survey sequence.//3.4e-37:222:93//AQ021278

F-NT2RP3001107//Human mRNA for KIAA0215 gene, complete cds.//8.5e-33:712:64//D86969

25 F-NT2RP3001109//Human Chromosome 15q26.1 PAC clone pDJ457j11 containing DNA polymerase gamma
(polg) gene, complete sequence.//2.7e-116:186:99//AC005317

F-NT2RP3001111

F-NT2RP3001113//Human DNA sequence from cosmid U157D4, between markers DXS366 and DXS87 on chromosome X.//2.4e-05:702:58//Z68871

30 F-NT2RP3001115//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//1.9e-170:821:98//
AC005189

F-NT2RP3001116//HS_3075_A1_F01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=1 Row=K, genomic survey sequence.//7.3e-49:290:92//AQ120581

35 F-NT2RP3001119//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from
gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island,
complete sequence.//1.4e-121:598:97//AL031864

F-NT2RP3001120//Human zinc finger protein ZNF136.//7.4e-76:687:75//U09367

F-NT2RP3001126//Bovine herpesvirus type 1 DNA for UL36, UL37, UL38, UL39, UL40 and UL41.//6.8e-05:344:64//Z49078

40 F-NT2RP3001133//Nephila clavipes minor ampullate silk protein MiSp1 mRNA, partial cds.//0.00021:529:60//
AF027735

F-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds.//3.6e-179:851:98//AB018305

F-NT2RP3001147//RPCI11-3M16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-3M16, genomic survey sequence.//2.1e-15:106:96//B48859

45 F-NT2RP3001150//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING
DRAFT SEQUENCE.//2.0e-159:418:95//AL034379

F-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//5.1e-190:891:98//AJ006266

F-NT2RP3001176//Human DNA sequence from clone 879K22 on chromosome 1q32.1-41 Contains GSS, complete sequence.//1.1e-69:207:97//AL034351

50 F-NT2RP3001214//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
DRAFT SEQUENCE, 9 unordered pieces.//0.16:475:58//AC005507

F-NT2RP3001216//Homo sapiens clone DJ0635O05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.3e-05:561:56//AC004845

F-NT2RP3001221

55 F-NT2RP3001232//Mouse mRNA for serine protease PC6, complete cds.//1.0e-11:120:87//D12619

F-NT2RP3001236

F-NT2RP3001239//Mouse MAP1B mRNA for MAP1B microtubule-associated protein.//3.9e-19:501:61//X51396

F-NT2RP3001245//CITBI-E1-2505C1.TF.1 CITBI-E1 Homo sapiens genomic clone 2505C1, genomic survey sequence.//8.5e-70:337:100//AQ242007

F-NT2RP3001253//CITBI-E1-2505N14.TR CITBI-E1 Homo sapiens genomic clone 2505N14, genomic survey sequence.//0.83:235:60//AQ260430
 F-NT2RP3001260//Homo sapiens mRNA for KIAA0726 protein, complete cds.//3.8e-47:761:64//AB018269
 F-NT2RP3001268//Homo sapiens zinc finger protein (HZF6) mRNA, 5' UTR and partial cds.//2.3e-64:618:72//AF027513
 5 F-NT2RP3001272//Mus musculus mRNA for macrophage actin-associated-tyrosine-phosphorylated protein.//2.6e-99:669:83//Y18101
 F-NT2RP3001274//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene, complete cds.//0.99:400:58//U07561
 10 F-NT2RP3001281//Homo sapiens chromosome 17, clone hRPK.318_A_15, complete sequence.//5.9e-39:304:70//AC005837
 F-NT2RP3001297//Human mRNA for KIAA0281 gene, complete cds.//7.6e-47:544:69//D87457
 F-NT2RP3001307//Ambystoma tigrinum RPE65 protein mRNA, complete cds.//2.4e-27:547:63//AF047465
 F-NT2RP3001318//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING
 15 DRAFT SEQUENCE, 3 unordered pieces.//0.00022:624:60//AC004709
 F-NT2RP3001325//Caenorhabditis elegans cosmid F36H12.//0.25:523:59//AF078790
 F-NT2RP3001338//Human mRNA for KIAA0211 gene, complete cds.//5.1e-29:345:73//D86966
 F-NT2RP3001339//Rattus norvegicus myotonic dystrophy kinase-related Cdc42-binding kinase (MRCK) mRNA, complete cds.//1.2e-151:821:91//AF021935
 20 F-NT2RP3001340//Homo sapiens HMG box factor SOX-13 mRNA, complete cds.//5.3e-27:247:81//AF083105
 F-NT2RP3001355//Homo sapiens Chromosome 22q11.2 BAC Clone 77h2 In CES Region, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.1e-16:130:76//AC000052
 F-NT2RP3001356
 F-NT2RP3001374
 25 F-NT2RP3001383//Homo sapiens DNA sequence from PAC 140C12 on chromosome 6q26-q27.//0.00082:365:61//AL008628
 F-NT2RP3001384//Homo sapiens HRIHFB2018 mRNA, partial cds.//6.4e-157:743:98//AB015332
 F-NT2RP3001392//Human DNA sequence from PAC 302D9 on chromosome 22q11.2-qter. Contains STS, complete sequence.//0.045:359:61//Z82198
 30 F-NT2RP3001396//Drosophila melanogaster DNA sequence (P1 DS08860 (D181)), complete sequence.//1.3e-16:336:65//AC004296
 F-NT2RP3001398//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//3.1e-100:711:82//U49046
 F-NT2RP3001399//Homo sapiens PAC clone DJ1106E03 from 7q31.3-7q3, complete sequence.//5.4e-20:245:73//AC005521
 35 F-NT2RP3001407//RPCI11-41A20.TP RPCI-11 Homo sapiens genomic clone RPCI-11-41A20, genomic survey sequence.//0.051:306:59//AQ029031
 F-NT2RP3001420//Human DNA sequence from PAC 12409 on chromosome 6q21. Contains DNAJ2 (HDJ1) like pseudogene, ESTs, STSs and GSSs.//0.90:170:65//AL021327
 F-NT2RP3001426//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING
 40 DRAFT SEQUENCE.//2.9e-89:138:98//AL031447
 F-NT2RP3001427//CIT-HSP-2302H24.TF CIT-HSP Homo sapiens genomic clone 2302H24, genomic survey sequence.//8.1e-36:212:94//AQ020997
 F-NT2RP3001428//Human nuclear pore complex-associated protein TPR (tpr) mRNA, complete cds.//8.5e-73:431:91//U69668
 45 F-NT2RP3001432//HS_3032_B1_A03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3032 Col=5 Row=B, genomic survey sequence.//0.00024:111:76//AQ096619
 F-NT2RP3001447
 F-NT2RP3001449//Human DNA sequence from clone 283E3 on chromosome 1p36.21-36.33. Contains the alternatively spliced gene for Matrix Metalloproteinase in the Female Reproductive tract MIFR1, -2, MMP21/22A, -B and -C, a novel gene, the alternatively spliced CDC2L2 gene for Cell Division Cycle 2-Like 2 (PITSLRE, p58/GTA, Galactosyltransferase Associated Protein Kinase) beta 1, beta 2-1, beta 2-2 and alpha 2-4, a 40S Ribosomal Protein S7 pseudogene, part of the KIAA0447 gene, a novel alternatively spliced gene similar to many (archae) bacterial, worm and yeast hypothetical genes, and the GNB1 gene for Guanine Nucleotide Binding Protein (G protein), Beta polypeptide 1 (Transducin Beta chain 1). Contains putative CpG islands, ESTs, STSs and GSSs,
 50 complete sequence.//2.1e-105:223:99//AL031282
 F-NT2RP3001453//Ralstonia sp. E2 positive phenol-degradative gene regulator (poxR), phenol hydroxylase components (poxA, poxB, poxC, poxD, poxE, poxF), and ferredoxin-like protein (poxG) genes, complete cds.//0.75:349:59//AF026065
 55

F-NT2RP3001457
 F-NT2RP3001459
 F-NT2RP3001472//Homo sapiens Sox-like transcriptional factor mRNA, complete cds.//1.3e-08:168:70//AF072836
 5 F-NT2RP3001490
 F-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds.//1.0e-26:191:90//U13395
 F-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds.//8.5e-171:804:98//AF064801
 10 F-NT2RP3001527//Human lymphoid-specific SP100 homolog (LYSP100-A) mRNA, complete, cds.//8.9e-140:743:91//U36499
 F-NT2RP3001529//Streptomyces griseus DNA for ribosoma protein L21, ribosomal protein L27, Obg, complete cds.//2.1e-14:517:59//D87916
 F-NT2RP3001538//Capra hircus hircus clone 12 RAPD PCR sequence, genomic survey sequence.//4.7e-05:217:63//AF078176
 15 F-NT2RP3001554//Rattus norvegicus microtubule-associated protein 1A MAP1A (Mtap-1) mRNA, complete cds.//4.3e-17:332:67//M83196
 F-NT2RP3001580//RPCI11-91E19.TV RPCI11 Homo sapiens genomic clone R-91E19, genomic survey sequence.//4.2e-15:110:91//AQ281332
 F-NT2RP3001587//S.pombe chromosome II cosmid c16H5.//6.6e-28:491:64//AL022104
 20 F-NT2RP3001589//RPCI11-68M15.TK RPCI11 Homo sapiens genomic clone R-68M15, genomic survey sequence.//8.7e-108:517:98//AQ237629
 F-NT2RP3001607//Homo sapiens Xp22 BAC GSHB-600G8 (Genome Systems Human BAC library) complete sequence.//1.0e-09:257:65//AC004674
 F-NT2RP3001608//Methylococcus capsulatus methane monooxygenase component A alpha chain, methane monooxygenase A beta chain and methane monooxygenase component C genes, complete cds.//0.59:450:57//M90050
 25 F-NT2RP3001621//Human DNA sequence from clone 24o18 on chromosome 6p21.31-22.2 Contains zinc finger protein pseudogene, VNO-type olfactory receptor pseudogene, nuclear envelope pore membrane protein, EST, STS, GSS, complete sequence.//1.8e-42:278:79//AL021808
 30 F-NT2RP3001629
 F-NT2RP3001634//Homo sapiens mRNA for Ariadne-2 protein.//1.5e-63:276:97//AJ130978
 F-NT2RP3001642//Caenorhabditis elegans cosmid F45E6, complete sequence.//0.018:127:66//Z68117
 F-NT2RP3001646
 F-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//3.4e-171:816:98//AJ012449
 35 F-NT2RP3001672//Drosophila melanogaster transcriptional repressor protein (Scm) mRNA, complete cds.//1.6e-38:542:66//U49793
 F-NT2RP3001676//HS_3090_B1_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3090 Col=7 Row=D, genomic survey sequence.//3.1e-07:333:64//AQ123250
 F-NT2RP3001678//Drosophila melanogaster; Chromosome 3L; Region 63C5-63D3; P1 clone DS01859, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.0:539:57//AC004358
 40 F-NT2RP3001679//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//2.8e-130:355:96//AB020860
 F-NT2RP3001688//Rattus norvegicus glucocorticoid modulatory element binding protein 2 mRNA, complete cds.//2.1e-37:512:70//AF059273
 45 F-NT2RP3001690//CIT-HSP-2300P9.TR CIT-HSP Homo sapiens genomic clone 2300P9, genomic survey sequence.//2.8e-19:123:95//AQ012480
 F-NT2RP3001698//Rat mRNA for RhoGAP, complete cds.//9-4e-11:167:74//D31962
 F-NT2RP3001708//H.sapiens CpG island DNA genomic Mse1 fragment, clone 4g7, reverse read cpg4g7.rt1d.//1.3e-17:113:97//Z61312
 50 F-NT2RP3001712//M.musculus mRNA for HP1-BP74 protein.//2.2e-95:601:88//X99642
 F-NT2RP3001716
 F-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds.//1.4e-159:565:97//AF054177
 F-NT2RP3001727//Rattus norvegicus implantation-associated protein (IAG2)-mRNA, partial cds.//1.7e-132:786:88//AF008554
 55 F-NT2RP3001730//Human mRNA for KIAA0128 gene, partial cds.//3.9e-104:811:78//D50918
 F-NT2RP3001739//Homo sapiens Chromosome 22q11.2 PAC Clone p201m18 In DGCR Region, complete sequence.//6.5e-07:178:69//AC000097

- F-NT2RP3001752//Human DNA sequence from clone 105D16 on chromosome Xp11.3-11.4 Contains pseudogene similar to laminin-binding protein, CA repeat, STS, complete sequence.//5.2e-31:311:77//AL031311
- F-NT2RP3001753//Sequence 29 from patent US 5658882.//0.11:513:58//I62381
- F-NT2RP3001764//Sequence 6 from Patent WO9706245.//6.4e-47:673:66//A59888
- 5 F-NT2RP3001777//Caenorhabditis elegans cosmid T10E10.//0.078:290:63//U39644
- F-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds.//2.8e-151:710:98//AB007928
- F-NT2RP3001792//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//1.2e-26:213:85//U13262
- F-NT2RP3001799//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE.//8.4e-51:168:95//AL031284
- 10 F-NT2RP3001819//S.glaucescens genes strU, strX, strV and strW for 5'-hydroxystreptomycin prduction and transport polypeptides.//0.084:526:58//X89010
- F-NT2RP3001844//HS_3110_B1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3110 Col=19 Row=J, genomic survey sequence.//1.5e-40:232:82//AQ140433
- 15 F-NT2RP3001854//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.14:452:58//AC005505
- F-NT2RP3001855//Mus musculus homeobox protein PKNOX1 (Pknx1) mRNA, complete cds.//2.7e-39:575:67//AF061270
- F-NT2RP3001857//M.musculus tex292 mRNA (5'region).//8.7e-07:106:81//X80434
- 20 F-NT2RP3001896
- F-NT2RP3001898//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 163G9, WORKING DRAFT SEQUENCE.//0.094:456:60//AL008733
- F-NT2RP3001915//Caenorhabditis elegans cosmid C12D8, complete sequence.//0.58:482:56//Z73969
- F-NT2RP3001926//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.42:401:58//AL034557
- 25 F-NT2RP3001929//Homo sapiens chromosome 16, cosmid clone RT102 (LANL), complete sequence.//3.1e-28:263:77//AC004651
- F-NT2RP3001931
- F-NT2RP3001938//CIT-HSP-2165E8.TR CIT-HSP Homo sapiens genomic clone 2165E8, genomic survey sequence.//3.6e-24:182:91//B95475
- 30 F-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds.//1.8e-165:815:96//AB014575
- F-NT2RP3001944
- F-NT2RP3001969//Homo sapiens chromosome 12p13.3 clone RPC11-350L7, WORKING DRAFT SEQUENCE, 72 unordered pieces.//4.8e-62:304:89//AC005844
- 35 F-NT2RP3001989//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//8.2e-10:564:60//AF030694
- F-NT2RP3002002//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//2.5e-57:361:80//Z83822
- 40 F-NT2RP3002004//Sequence 3 from patent US 5798245.//1.6e-26:104:100//AR025386
- F-NT2RP3002007//Human Chromosome 15q11-q13 PAC clone pDJ223c9 from the Prader-Willi/Angelman Syndrome region, complete sequence.//0.0053:633:58//AC004137
- F-NT2RP3002014//Drosophila melanogaster DNA sequence (P1s DS07528 (D169) and DS06665 (D220)), complete sequence.//1.3e-32:334:68//AC004640
- 45 F-NT2RP3002033//H.sapiens DNA sequence.//0.012:214:63//Z22493
- F-NT2RP3002045//Rat mRNA for alpha-c large chain of the protein complex AP-2 associated with clathrin.//8.7e-116:713:86//X53773
- F-NT2RP3002054//Mycobacterium tuberculosis H37Rv complete genome; segment 143/162.//1.6e-12:613:60//AL021841
- 50 F-NT2RP3002056//Human DNA sequence from PAC 358H7 on chromosome X.//0.17:566:59//Z77249
- F-NT2RP3002057//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30 unordered pieces.//3.3e-24:167:82//AC005682
- F-NT2RP3002062
- F-NT2RP3002063//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.24:508:58//AJ235272
- 55 F-NT2RP3002081//HS_2001_B1_E06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2001 Col=11 Row=J, genomic survey sequence.//9.7e-22:155:90//AQ218494
- F-NT2RP3002097//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) com-

- plete sequence.//9.6e-66:562:77//AC006210
 F-NT2RP3002102//CIT-HSP-2307B10.TR CIT-HSP Homo sapiens genomic clone 2307B10, genomic survey sequence.//5.9e-16:214:74//AQ018040
 F-NT2RP3002108
 5 F-NT2RP3002142//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence.//7.6e-29:414:68//AC004020
 F-NT2RP3002146//Pseudomonas fluorescens polyketide synthase type I (pltB) and polyketide synthase type I (pltC) genes, complete cds.//0.96:434:60//AF003370
 F-NT2RP3002147//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329F2, WORKING
 10 DRAFT SEQUENCE.//1.3e-63:380:91//AL031710
 F-NT2RP3002151//Human chromosome 16p13.1 BAC clone CIT987SK-551G9 complete sequence.//9.9e-60:315:80//U95742
 F-NT2RP3002163
 F-NT2RP3002165//M.musculus HCNGP mRNA.//1.4e-142:867:87//X68061
 15 F-NT2RP3002166//Homo sapiens chromosome X, clone hCIT.200_L_4, complete sequence.//0.090:394:59//AC006121
 F-NT2RP3002173//HS_3062_B1_G05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3062 Col=9 Row=N, genomic survey sequence.//3.3e-101:509:96//AQ193219
 F-NT2RP3002181//Human DNA sequence from clone 24o18 on chromosome 6p21.31-22.2 Contains zinc finger protein pseudogene, VNO-type olfactory receptor pseudogene, nuclear envelope pore membrane protein, EST, STS, GSS, complete sequence.//4.5e-106:432:84//AL021808
 20 F-NT2RP3002244//Homo sapiens chromosome 19, cosmid R27377, complete sequence.//0.63:353:60//AC005321
 F-NT2RP3002248//HS_3029_A1_D10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3029 Col=19 Row=G, genomic survey sequence.//3.5e-10:125:79//AQ094880
 25 F-NT2RP3002255//Bovine herpesvirus type 1 immediate-early transcriptional control protein (BICP4) gene, 5' end.//5.6e-09:629:59//L14321
 F-NT2RP3002273//cSRL-165E12-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-165E12, genomic survey sequence.//4.9e-35:366:74//B03004
 30 F-NT2RP3002276//B.taurus mRNA for B15 subunit of NADH: ubiquinone oxidoreductase complex.//0.023:326:60//X64898
 F-NT2RP3002303//Methanobacterium thermoautotrophicum from bases 172512 to 182957 (section 16 of 148) of the complete genome.//3.8e-12:643:57//AE000810
 F-NT2RP3002304//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING
 35 DRAFT SEQUENCE, 3 unordered pieces.//1.6e-09:490:60//AC005504
 F-NT2RP3002330//Human DNA sequence from cosmid L58b6, Huntington's Disease Region, chromosome 4p16.3, containing STS matches.//1.9e-93:572:88//Z49862
 F-NT2RP3002343//HS_3010_A2_B08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3010 Col=16 Row=C, genomic survey sequence.//9.0e-75:373:97//AQ119068
 40 F-NT2RP3002351//Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase (EC 1.5.1.15).//4.9e-64:588:75//X16396
 F-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene, alternatively spliced form.//1.3e-164:770:98//Y16355
 F-NT2RP3002377//Homo sapiens mRNA for KIAA0788 protein, partial cds.//1.4e-190:911:98//AB018331
 45 F-NT2RP3002399
 F-NT2RP3002402//Rattus norvegicus mRNA for dipeptidyl peptidase III, complete cds.//7.2e-25:249:79//D89340
 F-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds.//1.2e-138:649:99//AB014578
 F-NT2RP3002484//CIT-HSP-367N3.TP.1 CIT-HSP Homo sapiens genomic clone 367N3, genomic survey sequence.//5.0e-18:115:96//B78927
 50 F-NT2RP3002501//Caenorhabditis elegans cosmid K01C8, complete sequence.//0.00020:170:65//Z49068
 F-NT2RP3002512//Homo sapiens clone 664 unknown mRNA, partial sequence.//1.6e-59:308:97//AF091088
 F-NT2RP3002529//Human vacuolar protein sorting homolog h-vps45 mRNA, complete cds.//1.4e-144:763:93//U35246
 F-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds.//1.8e-178:833:98//AB018272
 55 F-NT2RP3002549//Homo sapiens clone DJ0098O22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.7e-26:123:72//AC004821
 F-NT2RP3002566//Streptomyces viridifaciens sigma factor (hrdD) gene, complete cds.//0.76:459:59//U60418
 F-NT2RP3002587//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//4.6e-13:199:76//

AC004617
 F-NT2RP3002590//Porphyra purpurea chloroplast, complete genome.//0.88:284:60//U38804
 F-NT2RP3002602//CIT978SK-A-441H11-2.TPB CIT978SK Homo sapiens genomic clone A-441H11, genomic
 survey sequence.//2.0e-22:140:95//B68331
 5 F-NT2RP3002603
 F-NT2RP3002628//C.acetobutylicum dnaJ and orfB genes.//2.0e-05:333:60//X69050
 F-NT2RP3002631
 F-NT2RP3002650//Mus musculus mRNA for cartilage-associated protein (CASP).//1.5e-20:641:62//AJ006469
 F-NT2RP3002659//Bovine herpesvirus type 1 UL22-35 genes.//5.2e-05:621:59//Z78205
 10 F-NT2RP3002660//Homo sapiens PAC clone DJ1006K12 from 7q31.2-q31, complete sequence.//0.98:453:57//
 AC004946
 F-NT2RP3002663//Homo sapiens chromosome 19, cosmid F6697, complete sequence.//3.3e-22:407:67//
 AC006129
 F-NT2RP3002671//S.pombe chromosome III cosmid c553.//1.0e-12:336:66//AL023704
 15 F-NT2RP3002682//Caenorhabditis elegans cosmid F17C11, complete sequence.//1.3e-21:448:64//Z72507
 F-NT2RP3002687//CIT978SK-A-789B1.TP CIT978SK Homo sapiens genomic clone A-789B1, genomic survey
 sequence.//2.5e-25:173:91//B51656
 F-NT2RP3002688//Mouse mRNA for kinesin-like protein (Kif1b), complete cds.//1.2e-73:728:74//D17577
 F-NT2RP3002701//CITBI-E1-2507L14.TF CITBI-E1 Homo sapiens genomic clone 2507L14, genomic survey se-
 20 quence.//0.0012:55:92//AQ263530
 F-NT2RP3002713
 F-NT2RP3002763//Caenorhabditis elegans cosmid T20F10, complete sequence.//0.98:209:63//Z81594
 F-NT2RP3002770
 F-NT2RP3002785//Homo sapiens laminin beta-4 chain precursor (LAMB4) mRNA, alternatively spliced short var-
 25 iant, partial cds.//0.78:515:57//AF029325
 F-NT2RP3002799//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene
 for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribos-
 omal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs, complete
 sequence.//1.9e-21:167:79//AL022718
 30 F-NT2RP3002810//Homo sapiens chromosome 17, clone hRPK.215_E_13, complete sequence.//0.32:187:66//
 AC005549
 F-NT2RP3002818//Homo sapiens jerky gene product homolog mRNA, complete cds.//6.9e-54:615:70//AF004715
 F-NT2RP3002861//Caenorhabditis elegans cosmid M03F4.//4.2e-05:226:65//U64601
 F-NT2RP3002869//Mus musculus semaphorin VIa mRNA, complete cds.//2.0e-93:638:83//AF030430
 35 F-NT2RP3002876//Homo sapiens mRNA for B120, complete cds.//8.5e-89:557:88//AB001895
 F-NT2RP3002877//Homo sapiens chromosome 12p13.3 clone RPCI11-433J6, WORKING DRAFT SEQUENCE,
 100 unordered pieces.//7.9e-12:160:78//AC006087
 F-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds.//5.7e-180:853:98//AB018314
 F-NT2RP3002911//RPCI11-24N15.TPC RPCI-11 Homo sapiens genomic clone RPCI-11-24N15, genomic survey
 40 sequence.//2.3e-13:442:61//B88815
 F-NT2RP3002948//, complete sequence.//2.2e-110:637:91//AC005500
 F-NT2RP3002953//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//1.7e-166:
 793:98//AC005754
 F-NT2RP3002955//Human HepG2 partial cDNA, clone hmd3c02m5.//0.00011:61:95//D17024
 45 F-NT2RP3002969//Rat mRNA for brain acyl-CoA synthetase II, complete cds.//1.2e-128:808:85//D30666
 F-NT2RP3002972//H.sapiens (xs168) mRNA, 381bp.//1.5e-43:312:85//Z36820
 F-NT2RP3002978//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING
 DRAFT SEQUENCE, 8 unordered pieces.//0.00044:527:57//AC005505
 F-NT2RP3002985//Genomic sequence from Human 9q34, complete sequence.//0.92:341:60//AC001644
 50 F-NT2RP3002988//HS_3015_A1_B07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3015 Col=13 Row=C, genomic survey sequence.//4.4e-05:379:58//AQ091708
 F-NT2RP3003008//Mus musculus major histocompatibility locus class III regions Hsc70t gene, partial cds; smRNP,
 G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes.//1.4e-72:
 197:79//AF109905
 55 F-NT2RP3003032//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-80, complete
 sequence.//1.6e-08:809:58//AL010153
 F-NT2RP3003059//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//4.1e-111:804:81//
 U78090

- F-NT2RP3003061//Human mRNA for ankyrin (variant 2.1)//1.4e-12:633:59//X16609
 F-NT2RP3003068//Human BAC clone RG264L19 from 7p15-p21, complete sequence.//0.034:282:60//AC002410
 F-NT2RP3003071//H.sapiens CpG island DNA genomic MseI fragment, clone 13d12, reverse read
 cpg13d12.rt1c.//6.8e-15:95:100//Z64565
 5 F-NT2RP3003078
 F-NT2RP3003101//Mouse mRNA for tetracycline transporter-like protein, complete cds.//8.1e-72:732:71//D88315
 F-NT2RP3003121
 F-NT2RP3003133//Homo sapiens chromosome 19, cosmid R30385, complete sequence.//3.5e-12:168:76//
 AC004510
 10 F-NT2RP3003138//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//4.0e-148:908:87//
 D12646
 F-NT2RP3003139//Rattus norvegicus kappa opioid receptor gene, exon 4 and complete cds.//2.0e-31:658:63//
 U17995
 F-NT2RP3003145//Mus musculus carboxypeptidase X2 mRNA, complete cds.//3.5e-22:430:63//AF017639
 15 F-NT2RP3003150
 F-NT2RP3003157//HS_3055_B1_G05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3055 Col=9 Row=N, genomic survey sequence.//1.9e-92:493:94//AQ155489
 F-NT2RP3003185//Rattus norvegicus brain-enriched guanylate kinase-associated protein 1 mRNA, complete
 cds.//8.6e-06:228:65//AF064868
 20 F-NT2RP3003193//H.sapiens HZF10 mRNA for zinc finger protein.//7.4e-73:737:71//X78933
 F-NT2RP3003197
 F-NT2RP3003203//Rattus norvegicus golgi peripheral membrane protein p65 (GRASP65) mRNA, complete cds.//
 4.1e-48:640:67//AF015264
 F-NT2RP3003204//Human Mermaid LINE-1 element mRNA sequence.//0.0033:69:81//U31059
 25 F-NT2RP3003210//Homo sapiens SYBL1 gene.//1.1e-34:430:70//AJ004799
 F-NT2RP3003212//Rattus norvegicus lamina associated polypeptide 1C (LAP1C) mRNA, complete cds.//6.3e-75:
 776:74//U20286
 F-NT2RP3003230//Rattus norvegicus mRNA for coronin-like protein.//1.8e-62:575:74//AJ006064
 F-NT2RP3003242//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds.//3.7e-128:617:98//AF055460
 30 F-NT2RP3003251//H.sapiens Staf50 mRNA.//3.5e-67:651:76//X82200
 F-NT2RP3003264//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING
 DRAFT SEQUENCE, 8 unordered pieces.//0.015:473:58//AC004153
 F-NT2RP3003278//H.sapiens CpG island DNA genomic MseI fragment, clone 28b4, forward read cpg28b4.ft1a.//
 4.0e-27:174:93//Z60555
 35 F-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds.//1.3e-131:694:93//L36983
 F-NT2RP3003290//Homo sapiens nickel-specific induction protein (Cap43) mRNA, complete cds.//1.7e-64:662:
 71//AF004162
 F-NT2RP3003301//Spinacia oleracea mRNA for ATP-dependent protease Lon, complete cds.//4.9e-37:682:64//
 D85610
 40 F-NT2RP3003302//Homo sapiens, clone hRPK.15_A_1, complete sequence.//4.6e-95:680:82//AC006213
 F-NT2RP3003311//Homo sapiens chromosome 21, Neurofibromatosis 1 (NF1) related locus, complete se-
 quence.//1.0:191:62//AC004527
 F-NT2RP3003313//Streptomyces coelicolor cosmid 5A7.//0.0084:403:61//AL031107
 F-NT2RP3003327//H.sapiens Staf50 mRNA.//2.5e-29:253:67//X82200
 45 F-NT2RP3003330
 F-NT2RP3003344
 F-NT2RP3003346//Homo sapiens chromosome 17, clone hRPK.795_F_17, complete sequence.//9.0e-41:296:
 84//AC005284
 F-NT2RP3003353//Human DNA sequence from PAC 970D1 on chromosome 1q24. Contains ESTs, STSs and a
 50 BAC end-sequence (GSS).//0.047:404:60//AL021069
 F-NT2RP3003377//Homo sapiens clone DJ0919J22, WORKING DRAFT SEQUENCE, 34 unordered pieces.//
 8.3e-122:632:96//AC005519
 F-NT2RP3003384//Homo sapiens Chromosome 2 BAC Clone 376a1, WORKING DRAFT SEQUENCE, 17 unor-
 dered pieces.//0.0036:127:74//AC000360
 55 F-NT2RP3003385//Mus musculus SKD3 mRNA, complete cds.//2.0e-110:843:79//U09874
 F-NT2RP3003403//Human Chromosome X, complete sequence.//7.5e-21:647:61//AC002407
 F-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete cds.//1.0e-20:430:
 63//U90653

F-NT2RP3003411//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//4.2e-139:524:90//AF071317
 F-NT2RP3003427//HS-1051-A1-D03-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 773 Col=5 Row=G, genomic survey sequence.//8.8e-18:111:97//B40173
 5 F-NT2RP3003433//HS_2219_B2_A11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2219 Col=22 Row=B, genomic survey sequence.//1.2e-57:410:83//AQ145866
 F-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//5.2e-181:853:98//AF004828
 F-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds.//1.6e-173:826:98//AB018268
 10 F-NT2RP3003491//CIT-HSP-2344O1.TR CIT-HSP Homo sapiens genomic clone 2344O1, genomic survey sequence.//1.2e-39:213:97//AQ057124
 F-NT2RP3003500//HS_3000_B1_C07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3000 Col=13 Row=F, genomic survey sequence.//0.025:253:60//AQ090347
 F-NT2RP3003543//Homo sapiens chromosome 16, cosmid clone 399H11 (LANL), complete sequence.//0.95:279:60//AC004234
 15 F-NT2RP3003552//Homo sapiens clone UWGC:y54c222 from 6p21, complete sequence.//1.8e-88:166:84//AC006049
 F-NT2RP3003555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//8.9e-17:245:72//AL031985
 20 F-NT2RP3003564//HS_3141_B1_G10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3141 Col=19 Row=N, genomic survey sequence.//2.7e-79:442:93//AQ187798
 F-NT2RP3003572
 F-NT2RP3003576//Homo sapiens clone RG031N19, WORKING DRAFT SEQUENCE, 1 unordered pieces.//5.8e-55:275:84//AC005632
 25 F-NT2RP3003589//Canine rab10 mRNA for ras-related GTP-binding protein.//1.1e-94:488:95//X56387
 F-NT2RP3003621//Homo sapiens chromosome 16, cosmid clone 432A1 (LANL), complete sequence.//6.0e-88:463:84//AC004235
 F-NT2RP3003625//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 390E6, WORKING DRAFT SEQUENCE.//0.98:307:60//AL031600
 30 F-NT2RP3003656
 F-NT2RP3003659//F.rubripes GSS sequence, clone 013G07cE7, genomic survey sequence.//1.7e-25:284:74//AL011271
 F-NT2RP3003665//Homo sapiens chromosome 9q34, clone 63G10, complete sequence.//0.011:279:65//AC002096
 35 F-NT2RP3003672
 F-NT2RP3003680//Drosophila melanogaster; Chromosome 2R; Region 39B1-39B3; P1 clone DS05527, WORKING DRAFT SEQUENCE, 9 unordered pieces.//3.4e-16:425:64//AC005811
 F-NT2RP3003686//HS_3064_B2_A04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=8 Row=B, genomic survey sequence.//3.1e-27:153:98//AQ136993
 40 F-NT2RP3003701
 F-NT2RP3003716//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//4.6e-107:788:82//U42975
 F-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds.//2.3e-148:700:98//AB018300
 F-NT2RP3003746//CIT-HSP-2306A10.TF CIT-HSP Homo sapiens genomic clone 2306A10, genomic survey sequence.//0.39:212:61//AQ015785
 45 F-NT2RP3003795//Human DNA sequence from clone 333H23 on chromosome 22q12.1-12.3. Contains the (possibly alternatively spliced) RPL3 gene for 60S Ribosomal Protein L3 and the threefold alternatively spliced gene for Synaptogyrin 1A, 1B and 1C (SYNGR1A, SYBGRIB, SYNGR1C), both genes downstream of a putative CpG island. Contains ESTs, an STS, GSSs, genomic marker D22S1155 and a ca repeat polymorphism, complete sequence.//4.2e-21:445:66//AL022326
 50 F-NT2RP3003799//Homo sapiens DNA from chromosome 19-cosmids R31158, R31874, and R28125, genomic sequence, complete sequence.//1.0:257:63//AF038458
 F-NT2RP3003800//Mouse neuronal proto-oncogene c-src mRNA encoding tyrosine-specific protein kinase, complete cds.//1.2e-63:484:81//M17031
 55 F-NT2RP3003805//Homo sapiens chromosome 19, cosmid R27377, complete sequence.//0.96:353:60//AC005321
 F-NT2RP3003809//Bovine herpesvirus 1 complete genome.//7.2e-12:615:60//AJ004801
 F-NT2RP3003819

- F-NT2RP3003825
 F-NT2RP3003828//Human rRNA primary transcript internal transcribed spacer 2 (ITS2).//6.2e-16:543:62//X17626
 F-NT2RP3003831//RPC11-50N15.TJ RPC11 Homo sapiens genomic clone R-50N15, genomic survey sequence.//1.1e-21:174:85//AQ082633
- 5 F-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence.//8.0e-47:242:98//AF070611
 F-NT2RP3003842//RPC11-44E5.TJ RPC11 Homo sapiens genomic clone R-44E5, genomic survey sequence.//9.7e-25:143:97//AQ195884
 F-NT2RP3003846//Homo sapiens mRNA for KIAA0725 protein, partial cds.//4.2e-36:335:68//AB018268
 F-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds.//4.1e-174:805:99//AB018343
- 10 F-NT2RP3003876//Rattus norvegicus Rabin3 mRNA, complete cds.//2.7e-109:709:84//U19181
 F-NT2RP3003914//Drosophila melanogaster UDP-glucose:glycoprotein glucosyltransferase mRNA, complete cds.//8.9e-11:193:70//U20554
 F-NT2RP3003918//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds.//2.6e-47:404:77//AF057358
- 15 F-NT2RP3003932//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.68:597:55//AC005504
 F-NT2RP3003989//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 404H4, WORKING DRAFT SEQUENCE.//0.37:548:56//AL031661
 F-NT2RP3003992//Human cGMP-gated cation channel beta subunit (CNCG2) mRNA, complete cds.//0.021:433:58//U58837
- 20 F-NT2RP3004013//M.musculus Spnr mRNA for RNA binding protein.//1.4e-164:838:94//X84692
 F-NT2RP3004016//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018K9, WORKING DRAFT SEQUENCE.//0.00042:356:62//AL031726
 F-NT2RP3004041//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 809F4, WORKING DRAFT SEQUENCE.//6.8e-112:627:82//AL022400
- 25 F-NT2RP3004051//Human mRNA for KIAA0319 gene, complete cds.//2.2e-61:774:67//AB002317
 F-NT2RP3004070//Homo sapiens DNA sequence from PAC 352A20 on chromosome 6q24.1-25.1. Contains a pseudogene similar to yeast, bacterial, worm and slime mold hypothetical genes, and a gene coding for an aldehyde dehydrogenase family protein. Contains ESTs, STSs and GSSs, complete sequence.//7.9e-17:484:62//AL021939
- 30 F-NT2RP3004078//M.musculus (BALB/c) MRFX2 mRNA.//1.9e-102:684:83//X76089
 F-NT2RP3004093//F24P17-Sp6 IGF Arabidopsis thaliana genomic clone F24P17, genomic survey sequence.//0.021:207:63//B09433
 F-NT2RP3004095//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.5e-25:272:77//AC005038
- 35 F-NT2RP3004110//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//8.6e-28:223:73//AC003973
 F-NT2RP3004125//Homo sapiens TTF-I interacting peptide 20 mRNA, partial cds.//2.2e-28:637:63//AF000560
 F-NT2RP3004145
 F-NT2RP3004148
- 40 F-NT2RP3004155//Homo sapiens timing protein CLK-1 mRNA, complete cds.//6.5e-120:578:98//AF032900
 F-NT2RP3004189//M.musculus tex292 mRNA (5'region).//1.1e-06:102:82//X80434
 F-NT2RP3004206//D.melanogaster cm mRNA.//7.3e-69:715:71//X58374
 F-NT2RP3004207//Mouse mRNA for seizure-related gene product 6 type 2 precursor, complete cds.//4.8e-42:650:66//D64009
- 45 F-NT2RP3004209//Human cosmid Q7A10 (D21S246) insert DNA, complete sequence.//8.4e-55:184:84//D42052
 F-NT2RP3004215//Homo sapiens chromosome 5, Pac clone 9c13 (LBNL H127), complete sequence.//0.22:458:60//AC006084
 F-NT2RP3004242//Caenorhabditis elegans cosmid ZK632, complete sequence.//1.6e-29:409:69//Z22181
 F-NT2RP3004246//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25, complete sequence.//3.6e-117:242:100//AC005385
- 50 F-NT2RP3004253//H.sapiens 28S rRNA V8 region (LAN5-6).//2.6e-12:589:59//X69353
 F-NT2RP3004258//Rattus norvegicus Zis mRNA, complete cds.//1.2e-88:489:91//AF013967
 F-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds.//3.1e-153:733:98//AF088982
 F-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds.//1.3e-24:597:61//AF007871
- 55 F-NT2RP3004332
 F-NT2RP3004334//L.esculentum gene for fruit ripening polygalacturonase.//0.23:501:57//X80908
 F-NT2RP3004341//Human DNA sequence from clone 503G16 on chromosome 6p23 Contains EST, CpG island, complete sequence.//0.0014:198:66//Z93020

F-NT2RP3004348//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//1.4e-103:600:82//X67877
 F-NT2RP3004349//Homo sapiens Xp22 BAC GS-321G17 (Genome Systems Human BAC library) complete sequence.//5.1e-49:480:75//AC004025
 5 F-NT2RP3004378//Drosophila melanogaster; Chromosome 2R; Region 47F1-47F7; P1 clone DS02304, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.8e-23:352:67//AC005653
 F-NT2RP3004399//H.sapiens mRNA for leucine-rich primary response protein 1.//7.2e-140:804:90//X97249
 F-NT2RP3004424//Mus musculus mRNA for nuclear protein SA3.//6.8e-53:413:81//AJ005678
 F-NT2RP3004428//Salmo salar DNA for a cryptic repeat.//3.2e-07:270:63//AJ012206
 F-NT2RP3004451//RPCI11-51J15.TK RPCI11 Homo sapiens genomic clone R-51J15, genomic survey sequence.//8.8e-19:180:82//AQ052326
 10 F-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds.//6.2e-123:583:99//AB007917
 F-NT2RP3004466//HS_3038_B2_F08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3038 Col=16 Row=L, genomic survey sequence.//0.41:172:59//AQ102458
 F-NT2RP3004470//H.sapiens CpG island DNA genomic MseI fragment, clone 81a11, reverse read
 15 cpg81a11.rt1a.//7.0e-25:148:96//Z56029
 F-NT2RP3004472//RPCI11-42M5.TJ RPCI11 Homo sapiens genomic clone R-42M5, genomic survey sequence.//1.6e-20:143:92//AQ052792
 F-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds.//3.0e-150:715:98//AB007925
 F-NT2RP3004480//Mus musculus maternal-embryonic 3 (Mem3) mRNA, complete cds.//1.0e-119:679:90//U47024
 20 F-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds.//7.1e-155:752:97//AB012851
 F-NT2RP3004498//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//4.0e-67:265:84//AC006023
 F-NT2RP3004503//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//1.2e-55:415:78//AC004673
 25 F-NT2RP3004504//M.musculus mRNA for CPEB protein.//2.0e-110:618:91//Y08260
 F-NT2RP3004507//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//9.3e-46:433:76//AC005328
 F-NT2RP3004527//Homo sapiens mRNA; transcriptional unit N144, 5' end.//1.1e-100:508:97//AJ002574
 30 F-NT2RP3004534//Mouse oncogene (ect2) mRNA, complete cds.//2.0e-93:442:84//L11316
 F-NT2RP3004539//Homo sapiens mRNA for KIAA0632 protein, partial cds.//8.5e-145:679:98//AB014532
 F-NT2RP3004544//Homo sapiens mRNA for KIAA0554 protein, partial cds.//2.8e-169:793:98//AB011126
 F-NT2RP3004566//Mus musculus kruppel-related zinc finger protein (Emzf1) mRNA, complete cds.//6.9e-18:433:64//AF031955
 35 F-NT2RP3004569//CITBI-E1-2522H6.TF CITBI-E1 Homo sapiens genomic clone 2522H6, genomic survey sequence.//5.3e-15:138:84//AQ280780
 F-NT2RP3004572//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds.//1.0e-179:860:97//AF026445
 F-NT2RP3004578//Homo sapiens mRNA for KIAA0477 protein, complete cds.//4.2e-150:711:98//AB007946
 40 F-NT2RP3004594//Homo sapiens mRNA for AND-1 protein.//1.1e-158:796:95//AJ006266
 F-NT2RP3004617//Homo sapiens clone DJ1152C17, WORKING DRAFT SEQUENCE, 1 unordered pieces.//9.3e-14:360:65//AC004977
 F-NT2RP3004618//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds.//2.9e-52:539:73//AF005355
 45 F-NT2RP3004669//Brn-3a=class V POU transcription factor [mice, CD/CD, embryo fibroblast cells, Genomic, 2160 nt].//0.046:437:57//S69350
 F-NT2RP3004670//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B8, WORKING DRAFT SEQUENCE.//1.9e-05:625:59//Z98882
 F-NT2RP4000008//Homo sapiens chromosome X, clone hCIT.200_L_4, complete sequence.//1.5e-155:844:92//AC006121
 50 F-NT2RP4000023//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K24G6, complete sequence.//0.012:417:59//AB012242
 F-NT2RP4000035//Homo sapiens BAC clone NH0353P23 from 2, complete sequence.//8.0e-18:242:74//AC005035
 55 F-NT2RP4000049//Homo sapiens decoy receptor 2 mRNA, complete cds.//2.1e-81:556:85//AF029761
 F-NT2RP4000051//Mus musculus mRNA for cartilage-associated protein (CASP).//1.6e-19:654:63//AJ006469
 F-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//2.5e-149:720:97//AJ012449
 F-NT2RP4000102//Plasmodium falciparum MAL3P2, complete sequence.//0.28:336:57//AL034558

- F-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds.//4.4e-166:774:99//AB011538
 F-NT2RP4000111//B.taurus mRNA for cleavage and polyadenylation specificity factor.//2.6e-137:678:91//X75931
 F-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds.//3.3e-114:548:98//AB007952
 5 F-NT2RP4000147//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//1.2e-104:677:85//U35776
 F-NT2RP4000150//Rat proto-oncogene (Ets-1) mRNA, complete cds.//7.2e-54:327:74//L20681
 F-NT2RP4000151//Homo sapiens clone 664 unknown mRNA, partial sequence.//2.2e-62:360:92//AF091088
 F-NT2RP4000159//RPC11-75N16.TJ RPC11 Homo sapiens genomic clone R-75N16, genomic survey sequence.//2.6e-19:119:98//AQ267551
 10 F-NT2RP4000167//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//3.3e-49:683:67//AC006210
 F-NT2RP4000185//Homo sapiens clone DT1P1E11 mRNA, CAG repeat region.//1.1e-99:543:93//U92989
 F-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds.//4.9e-174:825:98//AB014600
 F-NT2RP4000212//, complete sequence.//4.0e-131:233:94//AC005300
 15 F-NT2RP4000214//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.8e-161:751:99//AC005261
 F-NT2RP4000218//RPC11-69B7.TJ RPC11 Homo sapiens genomic clone R-69B7, genomic survey sequence.//1.7e-84:413:98//AQ268504
 F-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP).//2.6e-156:771:97//AJ006470
 20 F-NT2RP4000246//Mus musculus neural variant mena+++ protein (Mena) mRNA, complete cds.//2.1e-120:707:87//U72523
 F-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence.//2.8e-128:604:99//AF091092
 F-NT2RP4000263//CIT-HSP-2336N24.TF CIT-HSP Homo sapiens genomic clone 2336N24, genomic survey sequence.//0.27:124:69//AQ043515
 25 F-NT2RP4000290//S.cerevisiae chromosome XIV reading frame ORF YNL132w.//8.6e-32:619:63//Z71408
 F-NT2RP4000312//Human mRNA for KIAA0147 gene, partial cds.//4.7e-41:685:63//D63481
 F-NT2RP4000321//Mus musculus transcription factor HOXA13 (Hoxa13) gene, complete cds.//6.9e-05:756:59//U59322
 F-NT2RP4000323
 30 F-NT2RP4000355
 F-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds.//2.0e-140:654:99//AB018281
 F-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//2.6e-135:649:97//AF044195
 F-NT2RP4000370//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//2.0e-23:524:62//AJ235272
 35 F-NT2RP4000376//Sequence 1 from patent US 5580968.//1.6e-115:716:87//I30536
 F-NT2RP4000381//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.//4.3e-05:450:58//D63850
 F-NT2RP4000398//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//9.2e-37:336:69//AC006116
 40 F-NT2RP4000415//Caenorhabditis elegans cosmid C42D8.//0.30:222:60//U56966
 F-NT2RP4000417//Drosophila melanogaster cosmid clone 86E4.//1.8e-48:580:69//AL021086
 F-NT2RP4000424//Homo sapiens chromosome 17, clone HRPC41C23, complete sequence.//1.6e-42:265:81//AC003101
 45 F-NT2RP4000448//CIT-HSP-2370F8.TF CIT-HSP Homo sapiens genomic clone 2370F8, genomic survey sequence.//2.0e-56:287:98//AQ110194
 F-NT2RP4000449//CIT-HSP-2366N18.TR CIT-HSP Homo sapiens genomic clone 2366N18, genomic survey sequence.//2.4e-42:236:95//AQ076183
 F-NT2RP4000455//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//0.17:158:67//AC003982
 50 F-NT2RP4000457//H.sapiens mRNA for herpesvirus associated ubiquitin-specific protease (HAUSP).//0.00034:532:57//Z72499
 F-NT2RP4000480//Rhodothermus marinus R-21 DNA ligase gene, complete cds.//0.0094:616:58//U10483
 F-NT2RP4000481
 F-NT2RP4000498//S.cerevisiae chromosome IX cosmid 9150.//5.7e-24:633:60//Z38125
 55 F-NT2RP4000500//G.gallus mRNA for LRP/alpha-2-macroglobulin receptor.//2.4e-62:667:73//X74904
 F-NT2RP4000515
 F-NT2RP4000517//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete sequence.//1.6e-179:851:98//AC006238

- F-NT2RP4000518//Homo sapiens mRNA for ATP-dependent RNA helicase, partial.//6.7e-33:203:93//AJ010840
 F-NT2RP4000519//Mus musculus tyrosine kinase growth factor receptor (Etk2/tyro3) gene, alternative 5' coding exon 2C.//0.26:162:61//U23720
 F-NT2RP4000524//Rattus norvegicus rsec8 mRNA, partial cds.//1.2e-139:809:89//U32498
 5 F-NT2RP4000528//Caenorhabditis elegans cosmid F59E12.//1.0e-06:404:59//AF003386
 F-NT2RP4000541//Drosophila melanogaster DNA sequence (P1 DS02109 (D53)), complete sequence.//1.3e-05:498:58//AC002443
 F-NT2RP4000556//Sequence 1 from Patent EP 0285405.//1.2e-18:586:61//I05465
 F-NT2RP4000560//Murine genomic DNA; partially digested Sau3A fragment, cloned into cosmid vector pEMBLcos2, complete sequence.//2.5e-53:183:82//AF059580
 10 F-NT2RP4000588//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 414D7, WORKING DRAFT SEQUENCE.//0.00062:253:65//AL033543
 F-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete cds.//3.2e-138:666:98//AF067730
 15 F-NT2RP4000638//HS_3042_B2_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3042 Col=10 Row=H, genomic survey sequence.//3.0e-06:78:89//AQ099333
 F-NT2RP4000648//Homo sapiens KNSL4 and MAZ genes for kinesin-like DNA binding protein and Myc-associated zinc finger protein, complete cds.//1.9e-11:104:85//AB017335
 F-NT2RP4000657//Mus musculus bone morphogenetic factor 11 (Bmp11) gene, exon 1.//0.34:350:62//AF100904
 20 F-NT2RP4000704//Homo sapiens mRNA expressed in 19week fetal lung, clone IMAGE:300856.//3.3e-167:785:99//AB004852
 F-NT2RP4000713//Gallus gallus atonal homolog 1 (Cath1) gene, complete cds.//3.7e-07:261:65//U61149
 F-NT2RP4000724//Human endogenous retrovirus env mRNA.//9.2e-136:474:89//X82272
 F-NT2RP4000728//Homo sapiens mRNA for KIAA0606 protein, partial cds.//3.1e-41:350:71//AB011178
 25 F-NT2RP4000737//Myxococcus xanthus ATP-dependent protease (bsgA) gene, complete cds.//1.0:504:58//L19301
 F-NT2RP4000739//CIT-HSP-2010O22.TR CIT-HSP Homo sapiens genomic clone 2010O22, genomic survey sequence.//1.1e-24:161:93//B57903
 F-NT2RP4000781//Homo sapiens clone DJ0892G19, complete sequence.//0.052:493:58//AC004917
 30 F-NT2RP4000787//Cricetulus griseus SRD-2 mutant sterol regulatory element binding protein-2 (SREBP-2) mRNA, complete cds.//9.6e-18:259:68//U22818
 F-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds.//1.5e-174:816:98//AB007939
 F-NT2RP4000833//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//0.97:52:92//AC005189
 35 F-NT2RP4000837//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1112F19, WORKING DRAFT SEQUENCE.//2.1e-128:644:97//AL034420
 F-NT2RP4000839//RPCI11-6D8.TP RPCI-11 Homo sapiens genomic clone RPCI-11-6D8, genomic survey sequence.//1.5e-44:281:91//B48216
 F-NT2RP4000855//Rattus norvegicus mRNA for aminopeptidase-B, complete cds.//9.5e-43:722:64//D87515
 40 F-NT2RP4000865//Human zinc finger protein ZNF136.//6.8e-95:415:78//U09367
 F-NT2RP4000878//Mus musculus mRNA for myeloid associated differentiation protein.//7.0e-87:646:80//AJ001616
 F-NT2RP4000879//N.tabaccum mRNA for ubiquitin activating enzyme E1.//9.0e-17:806:58//Y10804
 F-NT2RP4000907//Mouse NLRR-1 mRNA for leucine-rich-repeat protein, complete cds.//6.8e-153:934:86//D45913
 45 F-NT2RP4000915//Homo sapiens mRNA for ZNF198 protein.//9.4e-79:584:78//AJ224901
 F-NT2RP4000918//Drosophila melanogaster DNA sequence (P1 DS04106 (D172)), complete sequence.//2.0e-08:609:58//AC004290
 F-NT2RP4000925//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//3.5e-64:415:87//U42975
 50 F-NT2RP4000927//H.sapiens genomic DNA (chromosome 3; clone NRL062R).//0.75:175:62//X87547
 F-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds.//3.5e-163:781:97//AF069532
 F-NT2RP4000929//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.94:763:56//AC004688
 55 F-NT2RP4000955//Homo sapiens clone DJ0919J22, WORKING DRAFT SEQUENCE, 34 unordered pieces.//1.0e-128:673:96//AC005519
 F-NT2RP4000973//Caenorhabditis elegans cosmid Y47H9C, complete sequence.//1.6e-15:255:69//AL032657

- F-NT2RP4000975//CIT-HSP-230716.TF CIT-HSP Homo sapiens genomic clone 230716, genomic survey sequence.//6.5e-31:317:79//AQ015742
- F-NT2RP4000979//Human bullous pemphigoid antigen mRNA, 3' end.//0.88:54:90//M22942
- F-NT2RP4000984//Rhodobacter sphaeroides mRNA.//0.76:214:64//M83823
- 5 F-NT2RP4000989//F.rubripes GSS sequence, clone 011A11aE12, genomic survey sequence.//1.0:149:65//AL010911
- F-NT2RP4000996//Panaeus setiferus microsatellite Pse017 repeat region.//3.3e-08:139:74//AF047358
- F-NT2RP4000997//Rattus norvegicus RNA polymerase I 127 kDa subunit mRNA, complete cds.//3.6e-126:824:84//AF025424
- 10 F-NT2RP4001004
- F-NT2RP4001006//Mus musculus ROSA 26 transcription AS ROSA26AS mRNA, complete cds.//1.4e-110:861:78//U83176
- F-NT2RP4001010//Rattus norvegicus PSD-95/SAP90-associated protein-4 mRNA, complete cds.//2.0e-135:789:89//U67140
- 15 F-NT2RP4001029//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//3.7e-120:718:88//U20086
- F-NT2RP4001041//Schizosaccharomyces pombe mRNA, partial cds, clone: SY 0717.//4.1e-22:452:64//D89170
- F-NT2RP4001057
- F-NT2RP4001064//Mus musculus mRNA for cartilage-associated protein (CASP).//1.2e-20:639:62//AJ006469
- 20 F-NT2RP4001078//Streptomyces coelicolor cosmid 1C2.//0.0025:474:59//AL031124
- F-NT2RP4001079//Rat alternatively spliced mRNA.//1.4e-141:832:88//M93018
- F-NT2RP4001080//H.sapiens PTB-4 gene for polypirimidine tract binding protein.//9.0e-64:628:70//X65372
- F-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds.//4.7e-84:604:86//AB011164
- F-NT2RP4001095
- 25 F-NT2RP4001100//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//9.4e-17:185:79//AQ263402
- F-NT2RP4001117//Canis familiaris sec61 homologue mRNA, complete cds.//1.0e-143:760:87//M96629
- F-NT2RP4001122
- 30 F-NT2RP4001126//Homo sapiens shox gene, alternatively spliced products, complete cds.//4.2e-17:636:61//U82668
- F-NT2RP4001138//Homo sapiens PAC clone DJ1121E10 from 7q21.1-q2, complete sequence.//2.5e-23:408:60//AC004969
- F-NT2RP4001143//Sequence 5 from patent US 5753432.//1.8e-39:276:86//AR008079
- F-NT2RP4001148//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.7e-116:684:89//AC005095
- 35 F-NT2RP4001149//Mouse mRNA for thymic epithelial cell surface antigen, complete cds.//3.0e-48:581:66//D67067
- F-NT2RP4001150//Homo sapiens clone DJ1032D07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//9.4e-25:193:67//AC004952
- 40 F-NT2RP4001159//Human FMR1 gene, 5' end.//0.28:130:66//L19476
- F-NT2RP4001174//FMR1 {CGG repeats} [human, Fragile X syndrome patient, Genomic, 429 nt].//0.0014:187:67//S74494
- F-NT2RP4001206//Dictyostelium discoideum random slug cDNA19 protein (rscI9) mRNA, partial cds.//0.032:453:58//U82511
- 45 F-NT2RP4001207//HS_2248_A1_C03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2248 Col=5 Row=E, genomic survey sequence.//0.00018:58:94//AQ192358
- F-NT2RP4001210//Homo sapiens chromosome 10 clone CIT987SK-1019O18 map 10p11.2-10p12.1, complete sequence.//0.93:515:58//AC005877
- 50 F-NT2RP4001213//Human KRAB zinc finger protein (ZNF177) mRNA, splicing variant, complete cds.//3.6e-44:187:74//U37251
- F-NT2RP4001219//Caenorhabditis elegans cosmid Y47H9C, complete sequence.//1.3e-15:288:67//AL032657
- F-NT2RP4001228//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//2.2e-26:855:60//AF059569
- 55 F-NT2RP4001235//RPCI11-18E11.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-18E11, genomic survey sequence.//2.7e-15:101:98//B88081
- F-NT2RP4001256//Amycolatopsis mediterranei 3-amino-5-hydroxy benzoic acid synthase (rifD) gene, complete cds.//1.0:459:59//U33061
- F-NT2RP4001260//Sequence 2 from Patent WO9601901.//0.0018:246:63//A48324

F-NT2RP4001274//Homo sapiens, complete sequence.//2.5e-05:201:67//AC005854
 F-NT2RP4001276//CIT-HSP-2324B15.TF CIT-HSP Homo sapiens genomic clone 2324B15, genomic survey se-
 quence.//3.5e-18:138:92//AQ040728
 5 F-NT2RP4001313//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding
 mitochondrial protein, complete cds.//7.4e-30:535:65//AF043250
 F-NT2RP4001315//Bos taurus mRNA for Rab5 GDP/GTP exchange factor, Rabex5.//3.5e-145:795:91//AJ001119
 F-NT2RP4001336//CIT-HSP-2169F21.TR CIT-HSP Homo sapiens genomic clone 2169F21, genomic survey se-
 quence.//8.4e-16:109:94//B89870
 10 F-NT2RP4001339//HS_3205_B1_E08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3205 Col=15 Row=J, genomic survey sequence.//7.1e-24:305:73//AQ183725
 F-NT2RP4001343//Homo sapiens PAC clone DJ0894A10 from 7q32-q32, complete sequence.//1.9e-17:106:91//
 AC004918
 F-NT2RP4001345//G.gallus mRNA for lecithin-cholesterol acyltransferase.//7.6e-40:631:66//X91011
 15 F-NT2RP4001351//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 184J9, WORKING
 DRAFT SEQUENCE.//2.7e-30:608:64//AL031428
 F-NT2RP4001353//Streptomyces coelicolor cosmid 5A7.//0.23:540:57//AL031107
 F-NT2RP4001372//RPCI11-49L11.TJ RPCI11 Homo sapiens genomic clone R-49L11, genomic survey se-
 quence.//8.5e-23:129:100//AQ051701
 20 F-NT2RP4001373//G.gallus genomic DNA repeat region, clone 16E1.//0.15:213:61//X78609
 F-NT2RP4001375
 F-NT2RP4001379//Homo sapiens chromosome 17, clone hRPK.311_F_12, complete sequence.//7.3e-28:153:
 88//AC005722
 F-NT2RP4001389//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//7.2e-47:518:73//
 AC004691
 25 F-NT2RP4001407//P.falciparum glutamic acid-rich protein gnen, complete cds.//0.00079:686:57//J03998
 F-NT2RP4001414//Human mRNA for KIAA0202 gene, partial cds.//2.0e-76:818:71//D86957
 F-NT2RP4001433//H.sapiens HZF10 mRNA for zinc finger protein.//3.5e-87:839:73//X78933
 F-NT2RP4001442
 F-NT2RP4001447//Homo sapiens mRNA for KIAA0783 protein, complete cds.//0.21:218:63//AB018326
 30 F-NT2RP4001474//Human NotI linking clone 924A058R, genomic survey sequence.//7.6e-14:109:90//U49884
 F-NT2RP4001483//Human mRNA for 2-oxoglutarate dehydrogenase, complete cds.//2.5e-59:480:75//D10523
 F-NT2RP4001498//Homo sapiens huntingtin interacting protein HYPH mRNA, partial cds.//9.7e-39:392:72//
 AF049612
 F-NT2RP4001502//H.sapiens (D8S135) DNA segment containing GT repeat.//2.7e-24:147:96//X61693
 35 F-NT2RP4001507//Plasmid pSB24.2 (from S.cyanogenus) neomycin resistance protein gene, complete cds.//
 0.87:583:58//M32513
 F-NT2RP4001524//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
 DRAFT SEQUENCE, 5 unordered pieces.//0.93:394:58//AC005308
 F-NT2RP4001529//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//3.1e-143:820:89//
 40 U20086
 F-NT2RP4001547//S.cerevisiae chromosome XIV reading frame ORF YNR048w.//2.2e-05:319:61//Z71663
 F-NT2RP4001551//S.pombe chromosome II p1 p8B7.//0.64:335:60//AL032684
 F-NT2RP4001555//Homo sapiens 12q24.2 BAC RPCI11-360E11 (Roswell Park Cancer Institute Human BAC Li-
 brary) complete sequence.//1.0:309:58//AC004806
 45 F-NT2RP4001567//HS_2166_B1_C07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2166 Col=13 Row=F, genomic survey sequence.//0.99:188:59//AQ086290
 F-NT2RP4001568//Human mRNA for KIAA0167 gene, complete cds.//7.0e-53:566:72//D79989
 F-NT2RP4001571//RPCI11-21F20.TP RPCI-11 Homo sapiens genomic clone RPCI-11-21F20, genomic survey
 sequence.//2.8e-19:119:97//B85885
 50 F-NT2RP4001574//B.primigenius mRNA for coat protein gamma-cop.//5.8e-129:813:85//X92987
 F-NT2RP4001575//Rattus norvegicus mRNA for ARE1 protein.//3.4e-131:795:86//AJ223830
 F-NT2RP4001592//S.aureus gene for isoleucyl-tRNA synthetase.//1.3e-14:663:59//X74219
 F-NT2RP4001610//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore hu-
 man cosmid library) complete sequence.//6.4e-10:135:73//AC002364
 55 F-NT2RP4001614//HS_3042_B2_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3042 Col=10 Row=H, genomic survey sequence.//3.4e-06:78:89//AQ099333
 F-NT2RP4001634
 F-NT2RP4001638//cSRL-161F1-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic

- clone cSRL-161FI, genomic survey sequence.//4.9e-12:144:76//B02870
 F-NT2RP4001644//M.musculus mRNA for map kinase interacting kinase, Mnk2.//3.8e-69:437:86//Y11092
 F-NT2RP4001656//HS_2013_A1_D01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2013 Col=1 Row=G, genomic survey sequence.//2.0e-30:207:89//AQ224793
 5 F-NT2RP4001677//Hylobates lar huntingtin gene, partial exon.//0.23:105:71//L49362
 F-NT2RP4001679//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462O23, WORKING
 DRAFT SEQUENCE.//2.7e-45:351:84//AL031431
 F-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//1.8e-30:163:88//
 U96629
 10 F-NT2RP4001725//Drosophila melanogaster DNA sequence (P1 DS08860 (D181)), complete sequence.//1.1e-
 13:402:63//AC004296
 F-NT2RP4001730//RPCI11-37M21.TK RPCI-11 Homo sapiens genomic clone RPCI-11-37M21, genomic survey
 sequence.//0.88:177:67//AQ029840
 F-NT2RP4001739
 15 F-NT2RP4001753//H.sapiens telomeric DNA sequence, clone 12QTELO23, read 12QTELOO23.seq.//4.9e-36:
 192:98//Z96232
 F-NT2RP4001760//Mouse oncogene (ect2) mRNA, complete cds.//2.3e-140:866:86//L11316
 F-NT2RP4001790//Homo sapiens clone NH0569I24, complete sequence.//1.4e-29:327:74//AC005678
 F-NT2RP4001803
 20 F-NT2RP4001822//Homo sapiens tetraspan TM4SF (TSPAN-4) mRNA, complete cds.//1.0e-16:576:60//
 AF054841
 F-NT2RP4001823//Human DNA sequence from clone 181C9 on chromosome 22q13.2-13.33. Contains a PHAPI2
 Leucine Rich Acidic Nuclear Protein pseudogene, part of a putative novel gene, ESTs, STSs and GSSs, complete
 sequence.//2.1e-08:601:59//Z98743
 25 F-NT2RP4001828
 F-NT2RP4001838//Human mRNA for KIAA0071 gene, partial cds.//2.2e-53:555:73//D31888
 F-NT2RP4001841
 F-NT2RP4001849//Homo sapiens mRNA for KIAA0672 protein, complete cds.//1.7e-55:813:65//AB014572
 F-NT2RP4001861//Human simple repeat polymorphism.//0.0014:145:66//M87691
 30 F-NT2RP4001889//HS_2052_B1_H06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2052 Col=11 Row=P, genomic survey sequence.//1.0e-23:187:86//AQ270425
 F-NT2RP4001893//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//7.3e-76:178:95//
 AC005014
 F-NT2RP4001896//T3B4TFC TAMU Arabidopsis thaliana genomic clone T3B4, genomic survey sequence.//0.99:
 35 354:61//B26193
 F-NT2RP4001901//Streptomyces griseus genes for Orf2, Orf3, Orf4, Orf5, AfsA, Orf8, partial and complete cds.//
 0.031 :409:60//AB011413
 F-NT2RP4001927//HS_2216_B1_D03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2216 Col=5 Row=H, genomic survey sequence.//4.9e-32:216:89//AQ184677
 40 F-NT2RP4001938//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//1.2e-83:709:79//U49046
 F-NT2RP4001946//HS_3021_B2_H10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3021 Col=20 Row=P, genomic survey sequence.//7.6e-09:120:76//AQ133185
 F-NT2RP4001950//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alterna-
 tively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin,
 45 subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs,
 complete sequence.//2.1e-18:421:65//AL022577
 F-NT2RP4001953//CIT-HSP-2294D14.TR CIT-HSP Homo sapiens genomic clone 2294D14, genomic survey se-
 quence.//0.030:358:61//AQ005028
 F-NT2RP4001966//Mus musculus DOC4 (Doc4) mRNA, complete cds.//2.5e-68:812:68//AF059485
 50 F-NT2RP4001975//Homo sapiens chromosome 17, clone hCIT.91_J_4, complete sequence.//1.9e-57:555:75//
 AC003976
 F-NT2RP4002018//cSRL-143G4-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
 clone cSRL-143G4, genomic survey sequence.//8.9e-21:123:98//B01950 F-NT2RP4002047//Saccharomyces
 cerevisiae chromosome XII cosmid 8003.//1.6e-29:520:64//U17243
 55 F-NT2RP4002052//CIT-HSP-2045A15.TF CIT-HSP Homo sapiens genomic clone 2045A15, genomic survey se-
 quence.//2.8e-22:137:96//B80243
 F-NT2RP4002058//T20L11-T7 TAMU Arabidopsis thaliana genomic clone T20L11, genomic survey sequence.//
 0.019:141:65//AQ248640

F-NT2RP4002071//CIT-HSP-2314J9.TF CIT-HSP Homo sapiens genomic clone 2314J9, genomic survey sequence.//0.99:163:63//AQ027223
 F-NT2RP4002075//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y57G11, WORKING DRAFT SEQUENCE.//0.15:506:59//Z92841
 5 F-NT2RP4002078//RPC111-73M20.TJ RPC111 Homo sapiens genomic clone R-73M20, genomic survey sequence.//4.8e-21:130:96//AQ269030
 F-NT2RP4002081//F.rubripes GSS sequence, clone 190O22bB9, genomic survey sequence.//0.0024:350:60//Z92062
 F-NT2RP4002083//M.musculus tex27 mRNA.//8.2e-77:456:89//X80437
 10 F-NT2RP4002408//Caenorhabditis elegans serine/threonine kinase LET-502 (let-502) mRNA, complete cds.//3.7e-18:541:62//U85515
 F-NT2RP4002791
 F-NT2RP4002888//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//4.7e-39:385:75//AC002383
 15 F-NT2RP4002905//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//6.5e-91:672:83//AC004662
 F-NT2RP5003459//Human glyceraldehyde-3-phosphate dehydrogenase (GAPDH) mRNA, complete cds.//2.9e-37:193:99//M33197
 F-NT2RP5003461//Human DNA sequence from PAC 506G2 contains ESTs.//7.9e-51:300:80//Z82901
 20 F-NT2RP5003477//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//6.7e-77:150:100//AC000380
 F-NT2RP5003492
 F-NT2RP5003500//Human DNA sequence from cosmid 97K10, between markers DXS6791 and DXS8038 on chromosome X contains STSs and CpG island.//1.7e-111:623:93//Z81365
 25 F-NT2RP5003506//H.sapiens CpG island DNA genomic Mse1 fragment, clone 71h2, reverse read cpg71h2.rt1a.//1.4e-49:283:93//Z62703
 F-NT2RP5003512//HS_3084_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3084 Col=7 Row=G, genomic survey sequence.//7.7e-18:117:95//AQ186312
 F-NT2RP5003522//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//3.8e-101:211:96//AC005236
 30 F-NT2RP5003524//Homo sapiens beta-spectrin (HSpTB1) gene, exon 14 and partial cds.//0.00056:650:57//AF013178
 F-NT2RP5003534//H.sapiens CpG island DNA genomic Mse1 fragment, clone 14c10, forward read cpg14c10.ft1b.//0.00013:70:91//Z54631
 35 F-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds.//1.2e-67:373:94//AB007934
 F-OVARC1000004//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//5.8e-93:518:81//AC005510
 F-OVARC1000006//Gallus gallus histone H2A (H2A-VIII) gene, complete cds.//9.1e-56:392:84//U38933
 F-OVARC1000013
 40 F-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds.//5.6e-170:815:98//AF058922
 F-OVARC1000017//Streptomyces glaucescens tcm operon.//0.37:347:60//M80674
 F-OVARC1000035//Homo sapiens GA17 protein mRNA, complete cds.//6.8e-36:238:89//AF064603
 F-OVARC1000058
 F-OVARC1000060//Homo sapiens ribonuclease 6 precursor, mRNA, complete cds.//2.5e-36:192:98//U85625
 45 F-OVARC1000068//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 404K8, WORKING DRAFT SEQUENCE.//0.14:554:57//AL023883
 F-OVARC1000071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 596C15, WORKING DRAFT SEQUENCE.//5.3e-104:197:100//AL031387
 F-OVARC1000085//Human DNA sequence from clone 191N21 on chromosome 6q27 Contains genes for PDCD2 (PROGRAMMED CELL DEATH-2/RP8 HOMOLOG), TATA factor (TFIID), proteasome subunit HC5, EST, STS, GSS, complete sequence.//1.6e-116:588:96//AL031259
 50 F-OVARC1000087//HS_2004_B2_E11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2004 Col=22 Row=J, genomic survey sequence.//7.1e-11:94:94//AQ221037
 F-OVARC1000091//nxb0020P17r CUGI Rice BAC Library Oryza sativa genomic clone nxb0020P17r, genomic survey sequence.//5.2e-05:238:64//AQ258489
 55 F-OVARC1000092//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//1.1e-10:720:58//AC004617
 F-OVARC1000106//HS_3212_B2_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

- nomic clone Plate=3212 Col=24 Row=N, genomic survey sequence.//9.9e-05:141:73//AQ175369
 F-OVARC1000109
 F-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//1.6e-133:663:96//AF069250
 5 F-OVARC1000114//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1111N9, WORKING DRAFT SEQUENCE.//2.3e-51:547:70//AL022574
 F-OVARC1000133//Homo sapiens clone GS512I21, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.62:349:61//AC005027
 F-OVARC1000139//Caenorhabditis elegans cosmid F09D1.//2.5e-18:314:64//AF040640
 10 F-OVARC1000145//HS_2257_B2_D11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2257 Col=22 Row=H, genomic survey sequence.//5.8e-30:203:90//AQ304854
 F-OVARC1000148//CIT-HSP-2345A22.TR CIT-HSP Homo sapiens genomic clone 2345A22, genomic survey sequence.//1.1e-26:146:100//AQ056703
 F-OVARC1000151//Sequence 1 from patent US 5665588.//2.6e-61:677:70//I64695
 15 F-OVARC1000168//Homo sapiens chromosome 19, cosmid R31343, complete sequence.//4.9e-19:381:63//AC005764
 F-OVARC1000191//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//1.3e-06:745:57//AL034557
 F-OVARC1000198//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//6.4e-161:781:97//AC004604
 20 F-OVARC1000209//Oryza sativa submergence induced protein 2A mRNA, complete cds.//9.2e-33:511:65//AF068332
 F-OVARC1000212//F.rubripes GSS sequence, clone 185L11aC1, genomic survey sequence.//1.1e-13:139:79//AL019910
 25 F-OVARC1000240//Sequence 1 from patent US 5710024.//1.4e-129:623:98//I81226
 F-OVARC1000241//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//1.1e-112:697:87//AF060194
 F-OVARC1000288 2.2e-22:181:83//J00345
 F-OVARC1000302//A-192A9.TP CIT978SK Homo sapiens genomic clone A-192A9, genomic survey sequence.//4.8e-18:110:99//B18003
 30 F-OVARC1000304//Mouse mRNA from Mov10 locus.//5.5e-100:631:85//X52574
 F-OVARC1000309
 F-OVARC1000321//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//3.1e-122:325:95//AC005236
 35 F-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//4.0e-46:339:84//U19614
 F-OVARC1000335//Caenorhabditis elegans cosmid F15B10.//0.020:545:57//AF036696
 F-OVARC1000347//Homo sapiens clone GS051M12, complete sequence.//0.71:252:59//AC005007
 F-OVARC1000384//Homo sapiens expanded SCA7 CAG repeat.//2.2e-09:276:64//AF020275
 40 F-OVARC1000408//Human Chromosome 11p15.5 PAC clone pDJ915f1 containing KvLQT1 gene, complete sequence.//0.61:343:59//AC003693
 F-OVARC1000411//S.cerevisiae chromosome XI reading frame ORF YKL202w.//0.075:242:60//Z28201
 F-OVARC1000414//Homo sapiens PAC clone DJ0905M06 from 7q31, complete sequence.//0.00088:285:62//AC005166
 45 F-OVARC1000420//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 371H6, WORKING DRAFT SEQUENCE.//0.14:487:60//AL031718
 F-OVARC1000427//Homo sapiens clone UWGC:rg041a03 from 7p14-15, complete sequence.//4.9e-30:195:84//AC005826
 F-OVARC1000431//Plasmodium falciparum MAL3P2, complete sequence.//1.3e-05:651:59//AL034558
 50 F-OVARC1000437//Chicken tensin mRNA, complete cds.//9.6e-54:296:78//M74165
 F-OVARC1000440//Human PINCH protein mRNA, complete cds.//2.7e-19:116:99//U09284
 F-OVARC1000442//Human DNA sequence from clone 816K17 on chromosome 20p12.2-13 Contains TGM3 (PROTEIN-GLUTAMINE GLUTAMYLTRANSFERASE E3 PRECURSOR (EC 2.3.2.13) (TGASE E3) (TRANS-GLUTAMINASE 3), and another member of the Transglutaminase family, complete sequence.//1.0e-21:202:79//AL031678
 55 F-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds.//1.0e-138:566:99//AB014583
 F-OVARC1000461
 F-OVARC1000465//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//4.7e-

124:650:93//AF023451
 F-OVARC1000466//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//1.0e-15:510:59//AC004221
 F-OVARC1000473//Ciona intestinalis genomic fragment, clone 3F4, genomic survey sequence.//2.5e-06:272:62//AJ227191
 5 F-OVARC1000479//cDNA encoding novel rat protein TIP120 which is formed of complex with TBP (TATA binding protein).//1.1e-117:652:90//E12829
 F-OVARC1000486//Homo sapiens DNA sequence from PAC 262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuroneurin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//1.7e-13:709:60//Z99297
 10 F-OVARC1000496//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING DRAFT SEQUENCE.//6.0e-23:316:72//AL031733
 F-OVARC1000520//Homo sapiens supervillin mRNA, complete cds.//2.1e-113:539:99//AF051850
 15 F-OVARC1000526//Homo sapiens clone GS438P06, WORKING DRAFT SEQUENCE, 17 unordered pieces.//8.0e-149:716:98//AC005024
 F-OVARC1000533//Homo sapiens chromosome 19, cosmid R30385, complete sequence.//5.8e-137:545:97//AC004510
 F-OVARC1000543//HS_3055_A2_F10_MF CIT Approved Human Genomic_Sperm Library D Homo sapiens genomic clone Plate=3055 Col=20 Row=K, genomic survey sequence.//0.19:104:71//AQ102820
 20 F-OVARC1000556//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//4.4e-136:670:97//AL022069
 F-OVARC1000557//Human DNA from chromosome 19-specific cosmid R27090, genomic sequence, complete sequence.//1.3e-15:262:69//AC002985
 25 F-OVARC1000564//Mus musculus clone OST7314, genomic survey sequence.//1.9e-41:476:70//AF046733
 F-OVARC1000573//HS_3241_B1_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3241 Col=5 Row=P, genomic survey sequence.//2.2e-101:530:95//AQ211942
 F-OVARC1000576//Human Chromosome X, WORKING DRAFT SEQUENCE, 2 unordered pieces.//9.7e-97:445:90//AC002414
 30 F-OVARC1000578//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//9.1 e-27:354:72//AC003973
 F-OVARC1000588//Human DNA sequence from clone 497J21 on chromosome 6q26-27. Contains a KOC (KH-domain containing transcript overexpressed in cancer) pseudogene, genomic marker D6S193, ESTs, STSs and GSSs, and a ca repeat polymorphism, complete sequence.//0.97:276:62//AL023775
 35 F-OVARC1000605
 F-OVARC1000622//Homo sapiens (subclone 2_d8 from P1 H42) DNA sequence, complete sequence.//7.2e-60:457:82//L81648
 F-OVARC1000640//Human BAC clone RG326K09 from 7q21, complete sequence.//6.2e-58:499:80//AC002069
 F-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, complete cds.//5.1e-77:424:93//D43772
 40 F-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds.//4.8e-99:536:94//AB011162
 F-OVARC1000678//cSRL-29c7-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-29c7, genomic survey sequence.//2.5e-57:336:91//B04244
 F-OVARC1000679//Rattus norvegicus mRNA for myosin-RhoGAP protein Myr 7.//1.6e-81:291:84//AJ001713
 45 F-OVARC1000681//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 257E24, WORKING DRAFT SEQUENCE.//8.2e-158:782:96//AL034424
 F-OVARC1000682//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.5e-151:549:99//AF027156
 F-OVARC1000689//nxb0003aG01f CUGI Rice BAC Library Oryza sativa genomic clone nxb0003M01f, genomic survey sequence.//0.17:499:60//AQ050003
 50 F-OVARC1000700
 F-OVARC1000703//Drosophila melanogaster DNA repair protein (mei-41) gene, complete cds, and TH1 gene, partial cds.//3.5e-26:425:65//U34925
 F-OVARC1000722//Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, complete cds.//3.7e-109:451:91//AF038661
 55 F-OVARC1000730
 F-OVARC1000746
 F-OVARC1000769//HS_2056_B2_G06_T7 CIT Approved Human Genomic Sperm-Library D Homo sapiens genomic clone Plate=2056 Col=12 Row=N, genomic survey sequence.//8.8e-19:147:86//AQ245905

- F-OVARC1000771//M.musculus mRNA for GTP-binding protein.//2.2e-62:305:78//X95403
 F-OVARC1000781//Sequence 5 from Patent WO9722695.//1.9e-89:705:78//A63552
 F-OVARC1000787//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//3.0e-131:631:98//AC004542
- 5 F-OVARC1000800//Human Chromosome 11q23 PAC clone pDJ254e13, complete sequence.//1.7e-32:295:80//AC003691
 F-OVARC1000802//Homo sapiens chromosome Xp22-67-68, WORKING DRAFT SEQUENCE, 99 unordered pieces.//3.2e-55:356:88//AC004469
 F-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC.//9.5e-27:163:94//Y17711
- 10 F-OVARC1000846//Homo sapiens mRNA for KIAA0643 protein, partial cds.//6.0e-150:432:100//AB014543
 F-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//1.0e-135:632:99//AF045584
 F-OVARC1000862//M.musculus mRNA for FT1.//2.6e-109:769:83//Z67963
 F-OVARC1000876//S.cerevisiae chromosome IX cosmid 9150.//7.4e-21:541:61//Z38125
 F-OVARC1000883//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//2.2e-08:98:88//U20086
- 15 F-OVARC1000885//B.subtilis 25 kb genomic DNA segment (from sspE to katA).//0.25:231:61//Z82044
 F-OVARC1000886//CIT-HSP-2171H6.TR CIT-HSP Homo sapiens genomic clone 2171H6, genomic survey sequence.//0.00035:139:69//B89721
 F-OVARC1000890
 F-OVARC1000891
- 20 F-OVARC1000897//Human DNA sequence from clone 215F16 on chromosome 22q12.1-12.3. Contains part of a Homeobox domain containing gene and GSSs, complete sequence.//1.4e-18:473:64//AL024494
 F-OVARC1000912//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//8.9e-08:378:63//L14320
 F-OVARC1000915//Homo sapiens mRNA for KIAA0600 protein, partial cds.//7.7e-85:440:95//AB011172
- 25 F-OVARC1000924//HS_2022_A1_C01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2022 Col=1 Row=E, genomic survey sequence.//5.7e-21:122:99//AQ269493
 F-OVARC1000936//Human PAC clone DJ0093103 from Xq23, complete sequence.//1.2e-113:476:91//AC003983
 F-OVARC1000937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING DRAFT SEQUENCE.//0.00066:436:61//AL031848
- 30 F-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//5.0e-89:556:86//AB005549
 F-OVARC1000948//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.98:160:64//X95276
 F-OVARC1000959//CIT-HSP-2348O16.TR CIT-HSP Homo sapiens genomic clone 2348O16, genomic survey sequence.//0.99:270:59//AQ062850
- 35 F-OVARC1000960//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate receptor, CpG island, CA repeat.//3.9e-41:577:72//AL009181
 F-OVARC1000964//P.falciparum malaria antigen (M26-32-2) gene, partial cds.//0.19:83:73//M63270
 F-OVARC1000971//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y57G11, WORKING DRAFT SEQUENCE.//0.013:670:57//Z92841
- 40 F-OVARC1000984//Leishmania major chromosome 1, complete sequence.//0.80:345:58//AE001274
 F-OVARC1000996//MO25 gene [mice, embryos, mRNA, 2322 nt].//2.6e-55:403:82//S51858
 F-OVARC1000999//Synthetic construct galanin receptor type 3 (GALR3) gene, complete cds.//0.33:105:69//AF042785
- 45 F-OVARC1001000//HS_2247_A1_H05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2247 Col=9 Row=O, genomic survey sequence.//3.1e-60:315:96//AQ153910
 F-OVARC1001004//Homo sapiens from UWGC:y18c282 from 6p21, complete sequence.//3.1e-124:595:98//AC004190
 F-OVARC1001010//CIT-HSP-2034M3.TF CIT-HSP Homo sapiens genomic clone 2034M3, genomic survey sequence.//1.0:151:60//B74290
- 50 F-OVARC1001011//Human DNA sequence from cosmid U85A3, between markers DXS366 and DXS87 on chromosome X contains rad21 and T-cell cyclophorin pseudogenes, STS.//3.0e-08:149:79//Z78021
 F-OVARC1001032//Yeast (S.cerevisiae) mitochondrial Tyr-tRNA gene.//3.2e-13:667:60//M12451
 F-OVARC1001034//Mus musculus Fn54 mRNA, partial cds.//2.5e-119:737:86//AF001533
 F-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds.//2.7e-150:733:97//AF099149
- 55 F-OVARC1001040//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//9.8e-29:277:76//AC005081
 F-OVARC1001044//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 364I1, WORKING DRAFT SEQUENCE.//0.0017:387:6.1//AL031319

- F-OVARC1001051//Rattus norvegicus brain specific cortactin-binding protein CBP90 mRNA, partial cds.//0.012:112:74//AF053768
- F-OVARC1001055//Sequence 1 from patent US 5580754.//3.3e-45:381:81//I30292
- 5 F-OVARC1001062//nxb0026H08r CUGI Rice BAC Library Oryza sativa genomic clone nxb0026H08r, genomic survey sequence.//0.018:344:59//AQ271878
- F-OVARC1001065//S.pombe chromosome I cosmid c29E6.//0.86:338:59//Z66525
- F-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds.//2.0e-130:620:98//AF082657
- 10 F-OVARC1001072//Homo sapiens glypican 3 (GPC3) gene, partial cds and flanking repeat regions.//9.3e-24:285:65//AF003529
- F-OVARC1001074//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//2.0e-07:652:59//AL022153
- F-OVARC1001085//Homo sapiens c-syn protooncogene mRNA, complete cds.//5.0e-35:187:99//M14333
- 15 F-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)).//4.0e-74:289:95//AJ005897
- F-OVARC1001107//Homo sapiens SKB1Hs mRNA, complete cds.//3.6e-72:351:86//AF015913
- F-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//6.4e-150:710:98//AF051782
- F-OVARC1001117//Homo sapiens chromosome 5, P1 clone 328E3 (LBNL H53), complete sequence.//0.99:148:67//AC005178
- 20 F-OVARC1001118//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered pieces.//2.6e-35:302:74//AC000382
- F-OVARC1001129//CIT-HSP-647P20.TP CIT-HSP Homo sapiens genomic clone 647P20, genomic survey sequence.//0.94:106:66//B79052
- F-OVARC1001154//R.norvegicus mRNA for epithelin 1 and 2.//1.8e-95:462:79//X62322
- 25 F-OVARC1001161//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//2.9e-90:496:84//AC004069
- F-OVARC1001162
- F-OVARC1001167//Homo sapiens clone DJ1098J04, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.00090:219:64//AC004961
- 30 F-OVARC1001169//Borrelia burgdorferi (section 27 of 70) of the complete genome.//1.0:265:59//AE001141
- F-OVARC1001170//H.sapiens (xs170) mRNA, 350bp.//4.6e-58:355:90//Z36823
- F-OVARC1001171//CIT-HSP-2285E22.TF CIT-HSP Homo sapiens genomic clone 2285E22, genomic survey sequence.//1.5e-25:152:83//AQ002315
- F-OVARC1001173//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and GSSs, complete sequence.//0.0024:94:80//AL022323
- 35 F-OVARC1001176//Streptomyces plicatus B-N-acetylhexosaminidase (hex) gene, complete cds.//1.0:356:60//AF063001
- F-OVARC1001180//G.gallus DNA for polyubiquitin gene Ub II.//0.0062:275:60//X58195
- F-OVARC1001188//Homo sapiens full-length insert cDNA clone ZD93F03.//1.8e-32:180:97//AF086486
- 40 F-OVARC1001200
- F-OVARC1001232//Caenorhabditis elegans cosmid F10B5, complete sequence.//0.013:128:67//Z48334
- F-OVARC1001240//Human Chromosome 11 pac pDJ360p17, WORKING DRAFT SEQUENCE, 44 unordered pieces.//3.7e-131:811:87//AC001235
- F-OVARC1001243//Human BAC clone GS117O10 from 7q21-q22, complete sequence.//0.044:457:59//AC003078
- 45 F-OVARC1001244//Human homolog of Drosophila female sterile homeotic mRNA, complete cds.//8.4e-18:118:95//M80613
- F-OVARC1001261//Mus musculus putative membrane-associated guanylate kinase 1 (Magi-1) mRNA, alternatively spliced c form, partial cds.//1.4e-95:649:84//AF027505
- F-OVARC1001268//Rattus norvegicus ADP-ribosylation factor-directed GTPase activating protein mRNA, complete cds.//0.00051:72:83//U35776
- 50 F-OVARC1001270
- F-OVARC1001271//Homo sapiens mRNA for KIAA0643 protein, partial cds.//2.1e-142:644:96//AB014543
- F-OVARC1001282//RPC111-60K8.TK RPC111 Homo sapiens genomic clone R-60K8, genomic survey sequence.//0.0089:285:58//AQ195857
- 55 F-OVARC1001296//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, complete cds.//3.0e-20:263:73//U97018
- F-OVARC1001306//nxb0002M13r CUGI Rice BAC Library Oryza sativa genomic clone nxb0002M13r, genomic survey sequence.//0.98:170:66//AQ156061

- F-OVARC1001329//Homo sapiens BAC clone RG370M10 from 7p15, complete sequence.//1.3e-05:432:61//AC003986
- F-OVARC1001330//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.027:444:59//AC005504
- 5 F-OVARC1001339//Homo sapiens chromosome 17, clone hCIT.124_H_2, complete sequence.//0.76:89:74//AC006071
- F-OVARC1001341//CITBI-E1-2503J7.TR CITBI-E1 Homo sapiens genomic clone 2503J7, genomic survey sequence.//0.99:45:86//AQ263402
- F-OVARC1001342
- 10 F-OVARC1001344//HS-1059-A2-H02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 781 Col=4 Row=O, genomic survey sequence.//1.5e-07:254:67//B44456
- F-OVARC1001357//Homo sapiens Xp22-149 BAC RPC11-466O4 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//0.83:376:61//AC005297
- F-OVARC1001360
- 15 F-OVARC1001369//Homo sapiens clone 162B15, complete sequence.//0.0066:99:76//AC004811
- F-OVARC1001372//Homo sapiens liprin-alpha4 mRNA, partial cds.//2.7e-142:683:98//AF034801
- F-OVARC1001376//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 850H21, WORKING DRAFT SEQUENCE.//1.9e-52:382:73//AL031680
- F-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL.//1.2e-147:683:99//AJ224819
- 20 F-OVARC1001391//S.coelicolor whiB gene.//0.018:454:59//X62287
- F-OVARC1001399//CIT-HSP-2291I8.TR CIT-HSP Homo sapiens genomic clone 2291I8, genomic survey sequence.//1.7e-11:104:87//AQ007611
- F-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds.//3.9e-149:707:98//AB006651
- 25 F-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds.//4.9e-48:586:69//U52426
- F-OVARC1001425//Human DNA sequence from clone 1048E9 on chromosome 22q11.2-12.2 Contains pseudo-gene similar to ribosomal protein S3A and part of a gene similar to C.elegans protein CE02118, ESTs, STS, GSS, complete sequence.//0.0019:96:78//Z99714
- F-OVARC1001436//Caenorhabditis elegans mitotic chromosome and X-chromosome associated MIX-1 protein (mix-1) mRNA, complete cds.//0.77:519:59//U96387
- 30 F-OVARC1001442//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 998H6, WORKING DRAFT SEQUENCE.//1.0:167:64//AL031687
- F-OVARC1001453//Human DNA sequence from PAC 453D15 on chromosome 6 contains STS.//4.4e-64:376:79//Z84482
- 35 F-OVARC1001476//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y24F12, WORKING DRAFT SEQUENCE.//0.20:107:71//AL022277
- F-OVARC1001480
- F-OVARC1001489//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.20:281:63//AC005140
- 40 F-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//8.1e-85:479:92//AF016507
- F-OVARC1001506//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-13F4 complete genomic sequence, complete sequence.//1.2e-98:503:83//AC002039
- F-OVARC1001525//Human beta-hexosaminidase alpha chain (HEXA) gene, exon 1.//1.7e-13:87:100//M16411
- F-OVARC1001542//H.sapiens polymorphic repeat associated with glutamate dehydrogenase pseudogene 5.//0.43:190:68//X69219
- 45 F-OVARC1001547//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.017:533:56//AC005140
- F-OVARC1001555//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//7.4e-159:416:99//AC005037
- 50 F-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//2.4e-115:540:99//AF031165
- F-OVARC1001600//Homo sapiens chromosome 21q22.3 PAC 39C17, complete sequence.//5.5e-13:529:62//AF043945
- F-OVARC1001610//, complete sequence.//1.4e-12:152:77//AC005409
- 55 F-OVARC1001611
- F-OVARC1001615//Human DNA sequence from clone 873P14 on chromosome 20p12 Contains STS, GSS, complete sequence.//0.022:146:70//AL031682
- F-OVARC1001668//Homo sapiens mRNA for MCM3 import factor, complete cds.//6.5e-109:358:96//AB005543

F-OVARC1001702//Homo sapiens mRNA for hSOX20 protein, complete cds.//1.8e-47:393:81//AB006867
 F-OVARC1001703//CIT-HSP-2164L6.TF CIT-HSP Homo sapiens genomic clone 2164L6, genomic survey sequence.//0.94:85:69//B92840
 F-OVARC1001711//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 317C6, WORKING DRAFT SEQUENCE.//1.9e-06:489:61//Z97651
 F-OVARC1001713//Rattus norvegicus neuroligin 2 mRNA, complete cds.//1.0:262:59//U41662
 F-OVARC1001726//Human telomere associated repeat sequence, complete sequence.//7.5e-08:283:65//M57752
 F-OVARC1001731//Mus musculus gene for beta-tropomyosin.//2.6e-83:606:81//X12650
 F-OVARC1001745//HS_3007_B2_G09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=18 Row=N, genomic survey sequence.//0.00020:269:60//AQ164522
 F-OVARC1001762//S.pombe chromosome III cosmid c338.//3.0e-17:624:61//AL023781
 F-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//4.2e-149:706:98//U97670
 F-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds.//3.0e-115:580:96//AB014575
 F-OVARC1001768
 F-OVARC1001791//Homo sapiens BAC clone RG118P15 from 8q21, complete sequence.//5.7e-64:477:78//AC005066
 F-OVARC1001795//Homo sapiens chromosome 4 clone B341C20 map 4q25, complete sequence.//6.5e-11:171:76//AC004704
 F-OVARC1001802//CITBI-E1-2502A17.TR CITBI-E1 Homo sapiens genomic clone 2502A17, genomic survey sequence.//0.98:214:61//AQ264481
 F-OVARC1001805//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1. Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase complex, part of an unknown gene downstream of a putative CpG island, and an STS with a CA repeat polymorphism, complete sequence.//9.5e-151:712:99//AL023694
 F-OVARC1001809//Mus musculus sphingosine kinase (SPHK1a) mRNA, partial cds.//2.7e-56:522:75//AF068748
 F-OVARC1001812//Homo sapiens chromosome 17, clone HCIT104N19, complete sequence.//1.7e-63:526:81//AC003662
 F-OVARC1001813//Human DNA sequence from cosmid U144A10, between markers DXS366 and DXS87 on chromosome X contains STS.//0.17:214:65//Z70224
 F-OVARC1001820//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 445N2, WORKING DRAFT SEQUENCE.//3.2e-55:379:82//AL031779
 F-OVARC1001828//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence.//2.8e-17:509:62//AC005609
 F-OVARC1001846//Human DNA sequence from cosmid U73E8, between markers DXS366 and DXS87 on chromosome X.//0.35:403:58//Z73361
 F-OVARC1001861//CIT-HSP-2165M3.TR CIT-HSP Homo sapiens genomic clone 2165M3, genomic survey sequence.//2.4e-25:148:96//B94622
 F-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence.//1.2e-18:122:95//AF070611
 F-OVARC1001879//HS_3026_B1_F09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3026 Col=17 Row=L, genomic survey sequence.//4.9e-29:204:87//AQ207748
 F-OVARC1001880//Human interferon regulatory factor 5 (Humirf5) mRNA, complete cds.//3.5e-05:489:60//U51127
 F-OVARC1001883//Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.9e-29:350:74//AC005020
 F-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//8.6e-56:300:96//AF061749
 F-OVARC1001901//Human DNA sequence from clone 103M22 on chromosome 6p24. Contains STSs and GSSs, complete sequence.//2.3e-10:253:66//AL031904
 F-OVARC1001911//HS_2196_B2_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2196 Col=22 Row=P, genomic survey sequence.//3.4e-09:123:78//AQ294069
 F-OVARC1001916//HS_3054_B1_C11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=21 Row=F, genomic survey sequence.//1.2e-31:126:97//AQ099979
 F-OVARC1001928
 F-OVARC1001942//H.sapiens CpG island DNA genomic Mse1 fragment, clone 21d7, forward read cpg21d7.ft1a.//7.2e-12:83:98//Z60390
 F-OVARC1001943//Aplysia californica potassium channel modulatory factor mRNA, complete cds.//3.5e-50:535:69//AF059179

F-OVARC1001949//Human KRAB zinc finger protein (ZNF177) mRNA, complete cds.//1.7e-16:294:67//U37263
 F-OVARC1001950//Homo sapiens *** SEQUENCING IN PROGRESS *** , WORKING DRAFT SEQUENCE.//1.5e-20:261:68//AJ011929
 F-OVARC1001987//D.melanogaster G6PD gene, exons 2-4.//0.99:447:57//Z19021
 5 F-OVARC1001989//Homo sapiens clone DJ0042M02, WORKING DRAFT SEQUENCE, 20 unordered pieces.//2.9e-19:178:83//AC005995
 F-OVARC1002044//Plasmodium falciparum MAL3P7, complete sequence.//0.17:232:62//AL034559
 F-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds.//2.1e-158:739:98//AB007934
 F-OVARC1002066//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 4/15,
 10 WORKING DRAFT SEQUENCE.//3.0e-17:781:59//AP000011
 F-OVARC1002082//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//5.4e-136:683:96//AC006015
 F-OVARC1002107//Homo sapiens BAC clone RG276003 from 7q22-q31.1, complete sequence.//1.0:220:61//AC004668
 15 F-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete cds.//6.1e-115:557:98//AF041483
 F-OVARC1002127//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//0.013:461:57//AC006241
 F-OVARC1002138//Caenorhabditis elegans cosmid F32D1.//1.0e-29:545:64//AF016427
 F-OVARC1002143//CIT-HSP-2343H20.TR CIT-HSP Homo sapiens genomic clone 2343H20, genomic survey se-
 20 quence.//2.3e-11:258:67//AQ055576
 F-OVARC1002156
 F-OVARC1002158//F17O7-T7 IGF Arabidopsis thaliana genomic clone F17O7, genomic survey sequence.//1.8e-16:383:66//B11616
 F-OVARC1002165//H.sapiens BDP1 mRNA for protein-tyrosinephosphatase.//0.0041:300:64//X79568
 25 F-OVARC1002182//F.rubripes GSS sequence, clone 123I23aA7, genomic survey sequence.//1.4e-10:240:66//AL017241
 F-PLACE1000004//CIT-HSP-2294H13.TF CIT-HSP Homo sapiens genomic clone 2294H13, genomic survey se-
 quence.//8.2e-10:158:75//AQ003859
 F-PLACE1000005//Mouse alpha-1 antitrypsin gene, segment 1.//4.8e-15:89:93//M12585
 30 F-PLACE1000007//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds.//3.8e-51:550:72//AF022789
 F-PLACE1000014
 F-PLACE1000031//Homo sapiens clone DJ0098O22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.91:333:61//AC004821
 35 F-PLACE1000040//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island.//2.6e-20:279:67//Z93023
 F-PLACE1000048//Homo sapiens chromosome 17, clone HCIT462L7, complete sequence.//3.6e-63:488:82//AC005177
 F-PLACE1000050//Mus musculus chromosome 14 marker um-m24 GA dinucleotide DNA sequence.//2.3e-10:141:75//U31508
 40 F-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//1.9e-30:190:94//L22154
 F-PLACE1000066//Homo sapiens PAC clone DJ1106E03 from 7q31.3-7q3, complete sequence.//6.0e-63:597:74//AC005521
 F-PLACE1000078//Homo sapiens chromosome 11 clone CIT987SK-1012F4, WORKING DRAFT SEQUENCE, 6
 45 unordered pieces.//5.2e-09:143:73//AC005848
 F-PLACE1000081//Human DNA from chromosome 19 specific cosmid R28461, genomic sequence, complete se-
 quence.//0.52:390:60//AC002389
 F-PLACE1000094
 F-PLACE1000133//Human DNA sequence from clone 372K1 on chromosome 6q24 Contains EST, STS, GSS and
 50 CpG Island, complete sequence.//4.4e-129:731:92//AL023580
 F-PLACE1000142//H.sapiens AUH mRNA.//6.4e-09:328:62//X79888
 F-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds.//7.7e-150:737:97//AF058291
 F-PLACE1000185//Sequence 15 from patent US 5691147.//5.7e-106:558:94//I76211 F-PLACE1000213
 55 F-PLACE1000214//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.8e-06:644:57//AC005504
 F-PLACE1000236//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 695O20, WORKING DRAFT SEQUENCE.//2.6e-39:191:83//AL032818

F-PLACE1000246//HS_2008_A2_D04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2008 Col=8 Row=G, genomic survey sequence.//0.96:153:61//AQ269813
 F-PLACE1000292//Drosophila melanogaster Oregon-R mitochondrial A+T region.//5.1e-12:571:60//U11584
 F-PLACE1000308//D.teissieri mitochondrial DNA for tRNA-fmet, tRNA-Ile, tRNA-Gln & amp; tRNA-Val.//0.00013:
 5 369:59//X54011
 F-PLACE1000332//HS_2016_B2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2016 Col=16 Row=H, genomic survey sequence.//7.5e-83:424:96//AQ232106
 F-PLACE1000347//CIT-HSP-2326A16.TV CIT-HSP Homo sapiens genomic clone 2326A16, genomic survey se-
 quence.//0.13:46:100//AQ047350
 10 F-PLACE1000374//Mus musculus putative CCAAT binding factor 1 (mCBF) mRNA, alternatively spliced transcript
 mCBF1, complete cds.//0.00048:84:83//U19891
 F-PLACE1000380//F.rubripes GSS sequence, clone 047P21aA10, genomic survey sequence.//0.43:198:62//
 Z88163
 F-PLACE1000383//Homo sapiens myotubularin related protein 1 (MTMR1) mRNA, partial cds.//8.7e-149:740:96//
 15 U58032
 F-PLACE1000401//Pinctada fucata mRNA for insoluble protein, complete cds.//0.22:484:56//D86074
 F-PLACE1000406//Human nuclear matrix protein 55 (nmt55) mRNA, complete cds.//3.3e-19:372:65//U89867
 F-PLACE1000420//Homo sapiens chromosome 17, clone hRPK.227_G_15, complete sequence.//1.6e-85:421:
 87//AC005899
 20 F-PLACE1000421//Human GT334 protein (GT334) gene, exons 16 and 17.//0.88:145:68//U61515
 F-PLACE1000424//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//0.076:196:66//
 AC005189
 F-PLACE1000435//HS_3217_A2_A12_MR CIT Approved Human Genomic-Sperm Library D Homo sapiens ge-
 nomic clone Plate=3217 Col=24 Row=A, genomic survey sequence.//2.2e-47:438:76//AQ181698
 25 F-PLACE1000444//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//6.9e-
 61:616:71//AC004382
 F-PLACE1000453//Murine genomic DNA; partially digested Sau3A fragment, cloned into cosmid vector
 pEMBLcos2, complete sequence.//5.8e-18:314:69//AF059580
 F-PLACE1000481//Homo sapiens Chromosome 22q11.2 Cosmid Clone 94a In DGCR Region, complete se-
 quence.//1.1e-33:349:76//AC002491
 30 F-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//1.1e-34:256:83//
 U35245
 F-PLACE1000540//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.099:336:58//X95276
 F-PLACE1000547//Arabidopsis thaliana GDP-mannose pyrophosphorylase (GMP1) mRNA, complete cds.//5.4e-
 11:279:63//AF076484
 35 F-PLACE1000562//, complete sequence.//1.7e-97:559:88//AC005409
 F-PLACE1000564
 F-PLACE1000583//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and-9.//3.3e-46:631:68//
 M27877
 40 F-PLACE1000588//Human guanylate binding protein isoform I (GBP-2) mRNA, complete cds.//7.3e-84:503:88//
 M55542
 F-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//3.8e-164:798:97//AJ012449
 F-PLACE1000599//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.018:295:61//X95276
 F-PLACE1000610//HS_2056_A1_D10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2056 Col=19 Row=G, genomic survey sequence.//5.3e-24:188:87//AQ235967
 45 F-PLACE1000611//Rattus norvegicus neural membrane protein 35 mRNA, complete cds.//2.4e-47:687:66//
 AF044201
 F-PLACE1000636
 F-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//1.5e-152:747:
 96//AF102265
 50 F-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and
 LLNLc110F1857Q7 (RZPD Berlin)).//2.3e-156:775:97//AJ005896
 F-PLACE1000706//nuclear protein TIF1 [mice, mRNA, 3951 nt].//8.0e-60:675:70//S78219
 F-PLACE1000712
 55 F-PLACE1800716//HS-1057-A1-A03-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 779 Col=5 Row=A, genomic survey sequence.//2.7e-42:266:82//B43026
 F-PLACE1000748//CIT-HSP-2372J8.TR CIT-HSP Homo sapiens genomic clone 2372J8, genomic survey se-
 quence.//0.023:157:68//AQ113109

- F-PLACE1000749//*Plasmodium falciparum* MAL3P7, complete sequence.//0.099:664:57//AL034559
 F-PLACE1000755//H.sapiens DNA 3' flanking simple sequence region clone wg2c3.//0.00068:206:62//X76589
 F-PLACE1000769//RPCI11-3J18.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-3J18, genomic survey sequence.//6.5e-08:93:89//B63806
- 5 F-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//3.5e-138:663:98//AB014548
 F-PLACE1000786//*Drosophila melanogaster* cosmid 80H7.//1.4e-43:589:68//AL031027
 F-PLACE1000793//H.sapiens CpG island DNA genomic Mse1 fragment, clone 13d12, reverse read cpg13d12.rt1c.//4.6e-09:71:100//Z64565
- 10 F-PLACE1000798//Human Chromosome 16 BAC clone CIT987SK-A-635H12, complete sequence.//5.0e-14:235:72//AC002310
 F-PLACE1000841//Homo sapiens clone NH0441G08, WORKING DRAFT SEQUENCE, 12 unordered pieces.//0.013:404:60//AC006158
 F-PLACE1000849//H.sapiens CpG island DNA genomic Mse1 fragment, clone 72a10, reverse read cpg72a10.rt1a.//3.3e-09:82:92//Z62712
- 15 F-PLACE1000856//*Hydra vulgaris* HT4 mRNA for collagen-like protein, partial cds.//1.0:317:59//AB008935
 F-PLACE1000863//H.sapiens CpG island DNA genomic Mse1 fragment, clone 53d2, forward read cpg53d2.ft1b.//7.3e-37:199:98//Z55621
 F-PLACE1000909//H.sapiens CpG island DNA genomic Mse1 fragment, clone 173f8, reverse read cpg173f8.rt1a.//1.5e-17:128:92//Z57391
- 20 F-PLACE1000931//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate receptor, CpG island, CA repeat.//8.1e-55:647:72//AL009181
 F-PLACE1000948
 F-PLACE1000972//RPCI11-61B1.TJ RPCI11 Homo sapiens genomic clone R-61B1, genomic survey sequence.//1.0e-26:148:99//AQ194348
- 25 F-PLACE1000977//Homo sapiens mRNA for KIAA0672 protein, complete cds.//6.1e-08:413:61//AB014572
 F-PLACE1000979//H.sapiens CpG island DNA genomic Mse1 fragment, clone 76e8, reverse read cpg76e8.rt1a.//2.7e-10:84:94//Z55963
 F-PLACE1000987//Homo sapiens mRNA for KIAA0724 protein, complete cds.//8.0e-140:694:96//AB018267
- 30 F-PLACE1001000//*Herpetomonas muscarum muscarum* kinetoplast 12S rRNA gene.//0.0056:443:58//U01011
 F-PLACE1001007//CIT-HSP-2013L15.TF CIT-HSP Homo sapiens genomic clone 2013L15, genomic survey sequence.//0.99:277:58//B58681
 F-PLACE1001010//Human cosmid g1572c101, complete sequence.//3.6e-55:294:88//AC000357
 F-PLACE1001015//Homo sapiens PAC clone DJ0754J18 from 7p21, complete sequence.//7.2e-33:333:73//AC004741
- 35 F-PLACE1001024
 F-PLACE1001036//CIT-HSP-2373I10.TF CIT-HSP Homo sapiens genomic clone 2373I10, genomic survey sequence.//1.1e-80:393:98//AQ108662
 F-PLACE1001054//*Arabidopsis thaliana* genomic DNA, chromosome 5, TAC clone: K9I9, complete sequence.//8.8e-40:483:66//AB013390
- 40 F-PLACE1001062//*Mus musculus* mRNA encoding lysine-ketoglutarate reductase/saccharopine dehydrogenase.//1.2e-23:224:80//AJ224761
 F-PLACE1001076//HS_2195_B1_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2195 Col=9 Row=H, genomic survey sequence.//0.0014:168:66//AQ066659
 F-PLACE1001088
- 45 F-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds.//3.1e-95:489:96//AF065485
 F-PLACE1001104//Caprine arthritis-encephalitis virus envelope glycoprotein (env) gene, partial cds.//0.0073:253:62//U81400
 F-PLACE1001118//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA, complete cds.//2.5e-64:676:71//AF022158
- 50 F-PLACE1001136//Human amphiregulin (AR) gene, exon 5, clones lambda-ARH(6,12).//3.8e-26:174:93//M30702
 F-PLACE1001168
 F-PLACE1001171//Homo sapiens subtelomeric cosmid 11b-1, complete sequence.//7.6e-23:245:68//AC005603
 F-PLACE1001185//Human DNA sequence from clone 889N15 on chromosome Xq22.1-22.3. Contains part of the gene for a novel protein similar to *X. laevis* Cortical Thymocyte Marker-CTX, the possibly alternatively spliced gene for 26S Proteasome subunit p28 (Ankyrin repeat protein), a novel gene and exons 36 through 45 of the COL4A6 for Collagen Alpha 6(IV). Contains ESTs, STSS, GSSs and a putative CpG island, complete sequence.//0.010:102:70//AL031177
- 55 F-PLACE1001238//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//9.3e-82:684:

77//D14336
 F-PLACE1001241
 F-PLACE1001257//Caenorhabditis elegans cosmid R12E2.//1.1e-16:480:60//AF067219
 F-PLACE1001272//H.sapiens subunit of coatmer complex.//0.31:50:96//X70476
 5 F-PLACE1001279//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.054:352:60//AC005507
 F-PLACE1001280//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//1.0e-10:620:61//L14320
 F-PLACE1001294//M.musculus GEG-154 mRNA.//5.0e-107:826:80//X71642
 10 F-PLACE1001304//Mouse Zfp-35 mRNA for zinc finger protein ZFP-35.//1.2e-67:510:77//X17617
 F-PLACE1001311//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.6e-47:491:73//AC005282
 F-PLACE1001323//HS-1007-A2-B10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 328 Col=20 Row=C, genomic survey sequence.//9.6e-26:142:100//B31181
 15 F-PLACE1001351
 F-PLACE1001366//Homo sapiens mRNA for KIAA0799 protein, partial cds.//8.6e-25:155:95//AB018342
 F-PLACE1001377//H.sapiens MADM gene (exon 1).//1.6e-43:393:79//Z48614
 F-PLACE1001383//Human DNA sequence from clone 246H3 on chromosome 22q11.21-12.2 Contains LRP5 (Lipoprotein Receptor Related Protein) pseudogene, EST, CA repeats (D22S414, D22S925, D22S926), STS, GSS and CpG island, complete sequence.//1.5e-119:705:91//AL022324
 20 F-PLACE1001384//Homo sapiens mRNA for multi PDZ domain protein.//5.7e-08:117:84//AJ001319
 F-PLACE1001387//Sequence 3 from patent US 5610018.//1.7e-06:395:58//I57340
 F-PLACE1001395//Plasmodium falciparum circular DNA rpoB and rpoC genes for beta and beta-prime subunits of RNA polymerase (EC 2.7.7.6).//7.2e-11:620:60//X52177
 25 F-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.0e-145:700:98//AC005412
 F-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence.//2.0e-69:365:96//AF091087
 F-PLACE1001414//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//8.2e-121:608:97//AC006241
 30 F-PLACE1001440//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.3e-06:437:61//AC000384
 F-PLACE1001456//Homo sapiens Xp22 GS-524I1 (Genome Systems Human BAC library), complete sequence.//0.98:348:60//AC003106
 F-PLACE1001468//Homo sapiens DNA sequence from PAC 435A7 on chromosome Xq22.1-q22.3. Contains STS.//4.4e-05:358:62//AL022148
 35 F-PLACE1001484//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 387E22, WORKING DRAFT SEQUENCE.//5.7e-31:195:93//AL031660
 F-PLACE1001502//Human fibroblast growth factor receptor 3 (FGFR3) gene, exon L//0.00015:333:59//L78720
 F-PLACE1001503//Drosophila melanogaster DNA sequence (P1 DS05273 (D80)), complete sequence.//0.00016:161:66//AC004373
 40 F-PLACE1001517//Human DNA sequence from PAC 696H22 on chromosome Xq21.1-21.2. Contains a mouse E25 like gene, a Kinesin like pseudogene and ESTs.//3.7e-22:260:76//AL021786
 F-PLACE1001534//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING DRAFT SEQUENCE.//1.1e-143:713:97//AL031667
 45 F-PLACE1001545//Homo sapiens chromosome 3, clone hRPK.165_I_16, complete sequence.//2.7e-139:482:96//AC005669
 F-PLACE1001551//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//6.9e-116:681:89//AC005261
 F-PLACE1001570//HS_3105_A1_F06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3105 Col=11 Row=K, genomic survey sequence.//1.2e-10:137:79//AQ139817
 50 F-PLACE1001602//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//1.8e-102:217:99//AB020860
 F-PLACE1001603//Homo sapiens nitrilase homolog 1 (NIT1) gene, alternatively spliced product, complete cds.//3.7e-104:501:98//AF069984
 55 F-PLACE1001608//HS_2189_A1_G07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2189 Col=13 Row=M, genomic survey sequence.//2.9e-60:429:84//AQ221959
 F-PLACE1001610//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//4.4e-114:552:98//AC005037

- F-PLACE1001611//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene similar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS and a CpG island, complete sequence.//0.93:131:71//AL031587
- 5 F-PLACE1001632//Homo sapiens mRNA for KIAA0798 protein, complete cds.//1.1e-74:702:75//AB018341
- F-PLACE1001634//Human p190-B (p190-B) mRNA, complete cds.//1.2e-18:114:100//U17032
- F-PLACE1001640//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete sequence.//7.7e-159:788:97//AC005971
- 10 F-PLACE1001672//Human DNA sequence from clone 71L16 on chromosome Xp11. Contains a probable Zinc Finger protein (pseudo)gene, an unknown putative gene, a pseudogene with high similarity to part of antigen KI-67, a putative Chondroitin 6-Sulfotransferase LIKE gene and a KIAA0267 LIKE putative Na(+)/H(+) exchanger protein gene. Contains a predicted CpG island, ESTs, STSs and GSSs and genomic markers DXS1003 and DXS1055, complete sequence.//7.8e-36:365:73//AL022165
- F-PLACE1001691//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//9.1e-149:760:96//AC005921
- 15 F-PLACE1001692//Rat medium-chain S-acyl fatty acid synthetase thio ester hydrolase (MCH), complete cds.//2.9e-57:643:71//M16200
- F-PLACE1001705//Homo sapiens chromosome 17, clone hRPK.958_E_11, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.9e-18:284:71//AC005883
- 20 F-PLACE1001716//Human mRNA for KIAA0191 gene, partial cds.//6.6e-68:369:73//D83776
- F-PLACE1001720//Homo sapiens Chromosome 22q11.2 Cosmid Clone 31f3 In IGLC Region, complete sequence.//1.0:274:59//AC000051
- F-PLACE1001729//Streptomyces coelicolor cosmid 1C2.//0.22:433:57//AL031124
- F-PLACE1001739//Caenorhabditis elegans cosmid C18H7.//0.049:341:61//AF067607
- 25 F-PLACE1001740//Homo sapiens chromosome 5, P1 clone 1108H7 (LBNL H81), complete sequence.//4.8e-26:372:68//AC005221
- F-PLACE1001745
- F-PLACE1001746//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.018:472:57//AL031744
- 30 F-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//8.8e-159:773:97//AF061243
- F-PLACE1001756//Homo sapiens chromosome 12p13.3 clone RPCI11-303E5, WORKING DRAFT SEQUENCE, 65 unordered pieces.//1.9e-54:274:81//AC005842
- F-PLACE1001761//HS_3027_A1_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3027 Col=3 Row=G, genomic survey sequence.//0.095:49:93//AQ130972
- 35 F-PLACE1001771//Homo sapiens transient receptor potential protein 6 mRNA, complete cds.//1.0e-146:709:97//AF080394
- F-PLACE1001781 1.3e-08:238:65//AC005637
- F-PLACE1001799//HS_3075_B1_H03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=5 Row=P, genomic survey sequence.//1.7e-09:166:69//AQ138474
- 40 F-PLACE1001810//Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MRC8, complete sequence.//0.00035:196:66//AB020749
- F-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//1.1e-108:546:96//AF058953
- F-PLACE1001821//RPCI11-35D17.TK RPCI-11 Homo sapiens genomic clone RPCI-11-35D17, genomic survey sequence.//2.1e-55:300:97//AQ045286
- 45 F-PLACE1001844//Homo sapiens chromosome 17, clone HCIT462L7, complete sequence.//2.8e-67:443:86//AC005177
- F-PLACE1001845//Arabidopsis thaliana chromosome I BAC T25B24 genomic sequence, complete sequence.//0.34:219:64//AC005850
- 50 F-PLACE1001869//Klebsiella pneumoniae ribitol kinase (rbtK) and ribitol transporter (rbtT) genes, complete cds.//7.1e-11:505:57//AF045244
- F-PLACE1001897//RPCI11-46D15.TJ RPCI11 Homo sapiens genomic clone R-46D15, genomic survey sequence.//9.3e-08:383:63//AQ194408
- F-PLACE1001912
- 55 F-PLACE1001920//Homo sapiens MDC-3.13 isoform 2 mRNA, complete cds.//7.3e-156:753:98//AF099935
- F-PLACE1001928//HS_2220_B2_G04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2220 Col=8 Row=N, genomic survey sequence.//2.8e-43:233:97//AQ152361
- F-PLACE1001983//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745C22, WORKING DRAFT SEQUENCE.//1.6e-07:396:62//AL031596

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F-PLACE1001989//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//1.0e-109:602:93//AL023755

F-PLACE1002004//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 317E23, WORKING DRAFT SEQUENCE.//1.0e-69:475:87//AL020996

5 F-PLACE1002046//Mus musculus ligatin (Lgtn) mRNA, partial cds.//7.2e-97:623:85//U58337

F-PLACE1002052//HS_2178_B2_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2178 Col=10 Row=H, genomic survey sequence.//4.8e-22:140:95//AQ307908

F-PLACE1002066//Apis mellifera NADH dehydrogenase subunit 2 (ND2) gene, mitochondrial gene encoding mitochondrial protein, partial cds.//0.0063:371:60//U72284

10 F-PLACE1002072//Homo sapiens tight junction protein ZO (ZO-2) gene, alternative splice products, promoter and exon A.//0.97:248:60//AF043195

F-PLACE1002073//Homo sapiens mRNA for KIAA0606 protein, partial cds.//1.3e-37:635:64//AB011178

F-PLACE1002090//Homo sapiens full-length insert cDNA clone ZA85C09.//7.0e-122:583:98//AF086131

F-PLACE1002115//nbxb0038A20r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0038A20r, genomic survey sequence.//0.039:210:69//AQ291086

15 F-PLACE1002119//Mus musculus IER5 (Ier5) mRNA, complete cds.//7.1e-61:540:77//AF079527

F-PLACE1002140//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete sequence.//2.1e-125:491:98//AL022162

20 F-PLACE1002150//Plasmodium falciparum MAL3P5, complete sequence.//0.12:408:61//AL034556

F-PLACE1002157//Homo sapiens BAC clone NH0335J18 from 2, complete sequence.//1.1e-44:515:71//AC005539

F-PLACE1002163//Homo sapiens T-cell receptor alpha delta locus from bases 1000498 to 1071650 (section 5 of 5) of the Complete Nucleotide Sequence.//0.98:210:65//AE000662

25 F-PLACE1002170//Homo sapiens Xp22 bins 16-17 BAC GSHB-531117 (Genome Systems Human BAC Library) complete sequence.//1.2e-06:283:60//AC004805

F-PLACE1002171//Mus musculus interferon alpha/beta receptor (IFNAR) gene, exon 11 and partial cds.//1.0e-24:313:71//U06244

F-PLACE1002205//Drosophila melanogaster; Chromosome 3L; Region 79F1-80A2; BAC clone BACR48E05, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.6e-05:428:60//AC005720

30 F-PLACE1002213//HS_3238_B1_G03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=5 Row=N, genomic survey sequence.//2.2e-74:371:98//AQ206965

F-PLACE1002227//HS-1056-B1-C01-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 778 Col=1 Row=F, genomic survey sequence.//2.1e-07:174:71//B42800

35 F-PLACE1002256//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-72, complete sequence.//0.022:458:59//AL010142

F-PLACE1002259//Human DNA sequence from clone 246H3 on chromosome 22q11.21-12.2 Contains LRP5 (Lipoprotein Receptor Related Protein) pseudogene, EST, CA repeats (D22S414, D22S925, D22S926), STS, GSS and CpG island, complete sequence.//3.5e-91:637:84//AL022324

40 F-PLACE1002319

F-PLACE1002342//Caenorhabditis elegans cosmid M03A1.//0.47:403:58//U49956

F-PLACE1002395//Homo sapiens chromosome 19, cosmid R28991, complete sequence.//1.9e-127:487:93//AC004623

F-PLACE1002399//Homo sapiens chromosome 17, clone hRPK.235_I_10, complete sequence.//5.6e-05:474:59//AC005922

45 F-PLACE1002433//Drosophila melanogaster fidiidine gene, exons 1-7.//1.7e-11:613:58//AJ011928

F-PLACE1002437//M.musculus abc1 mRNA.//5.5e-62:452:85//X75926

F-PLACE1002438//Dictyostelium discoideum developmental protein DG1098 (DG1098) gene, partial cds.//0.013:372:59//AF081801

50 F-PLACE1002450//HS_3233_A1_G01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3233 Col=1 Row=M, genomic survey sequence.//3.1e-07:449:59//AQ204769

F-PLACE1002465

F-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//1.5e-110:720:85//U69262

F-PLACE1002477//Homo sapiens Xp22-171-173 BAC GSHB-312I4 (Genome Systems Human BAC Library) complete sequence.//3.9e-05:195:71//AC005926

55 F-PLACE1002493//Homo sapiens 3p22-8 PAC RPCI4-736H12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.020:301:60//AC006060

F-PLACE1002499

F-PLACE1002500//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//2.1e-58:465:80//U50927
 F-PLACE1002514//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 292E10, WORKING
 DRAFT SEQUENCE.//3.7e-08:139:76//Z93930
 F-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds.//9.0e-143:583:95//AB018256
 5 F-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1, complete sequence.//0.00019:193:
 65//AC004774
 F-PLACE1002537//Human DNA sequence from clone 127F18 on chromosome Xp11.4-21.3. Contains part of a
 novel gene with some similarity to parts of chicken Myosin Light Chain and various species' Interleukin-1 Receptor
 Type 1 (IL1-R-1). Contains GSSs, complete sequence.//4.7e-25:198:84//AL031575
 10 F-PLACE1002571//Drosophila melanogaster actin-related protein mRNA, complete cds.//2.0e-13:400:60//L25314
 F-PLACE1002578//Homo sapiens Xq28 BACs 360 F12, GSHB-555C13, complete sequence.//3.5e-11:167:72//
 AC002523
 F-PLACE1002583//Mus musculus glutamate receptor subunit (GluR6) gene, partial cds.//4.2e-09:370:61//U31443
 F-PLACE1002591//H.sapiens mRNA for coronin.//7.2e-26:279:74//X89109
 15 F-PLACE1002598//Homo sapiens clone GS308H05, WORKING DRAFT SEQUENCE, 6 unordered pieces.//
 0.0013:375:64//AC005537
 F-PLACE1002604//Hansenula wingei mitochondrial DNA, complete sequence.//4.7e-05:556:59//D31785
 F-PLACE1002625
 F-PLACE1002655//Homo sapiens PAC clone DJ0722F20 from 7q31.1-q31.3, complete sequence.//1.6e-128:229:
 20 92//AC005281
 F-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//3.6e-107:706:84//
 AF079765
 F-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//3.4e-
 186:804:97//AF068180
 25 F-PLACE1002714//Mus musculus cathepsin S (CatS) gene, promoter region and exons 1 and 2.//2.3e-16:474:
 64//AF051726
 F-PLACE1002722//Sequence 1 from patent US 5686597.//1.7e-107:552:95//I73723
 F-PLACE1002768//Human DNA sequence from clone 726F20 on chromosome 1p36.11-36.23. Contains ESTs
 and a GSS, complete sequence.//0.0076:161:70//AL031273
 30 F-PLACE1002772//HS_3058_A1_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3058 Col=3 Row=G, genomic survey sequence.//0.0046:192:64//AQ134567
 F-PLACE1002775//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//7.6e-14:459:62//
 AF084259
 F-PLACE1002782//Rattus norvegicus zinc transporter (ZnT-2) mRNA, complete cds.//3.6e-43:385:77//U50927
 35 F-PLACE1002794//CIT-HSP-2368A17.TR CIT-HSP Homo sapiens genomic clone 2368A17, genomic survey se-
 quence.//1.3e-71:368:96//AQ075879
 F-PLACE1002811//Human mRNA for KIAA0172 gene, partial cds.//1.8e-44:567:70//D79994
 F-PLACE1002815//Sequence 25 from patent US 5747660.//2.6e-07:150:73//AR005295
 F-PLACE1002816//Homo sapiens antigen NY-CO-9 (NY-CO-9) mRNA, partial cds.//1.3e-68:687:73//AF039691
 40 F-PLACE1002834//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and 9.//9.3e-41:240:93//
 M27877
 F-PLACE1002839//Human BAC clone RG205G13 from 7q31, complete sequence.//0.00087:213:63//AC003045
 F-PLACE1002851//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces.//0.0032:269:66//AC005140
 45 F-PLACE1002853//Leishmania tarentolae kinetoplast pre-edited mitochondrial maxicircle DNA complete tran-
 scribed region and flanks.//0.032:275:62//M10126
 F-PLACE1002881//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING
 DRAFT SEQUENCE.//4.7e-38:355:76//Z98200
 F-PLACE1002908//Gallus gallus beta-1,4-galactosyltransferase (CKII) mRNA, complete cds.//0.00012:200:64//
 50 U19889
 F-PLACE1002941//Human BAC clone RG161K23 from 7q21, complete sequence.//1.1e-14:241:70//AC000120
 F-PLACE1002962
 F-PLACE1002968//Plasmodium falciparum MAL3P2, complete sequence.//0.21:410:59//AL034558
 F-PLACE1002991//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING
 55 DRAFT SEQUENCE.//6.8e-121:605:93//AL023755
 F-PLACE1002993//CIT-HSP-2338I16.TF CIT-HSP Homo sapiens genomic clone 2338I16, genomic survey se-
 quence.//1.9e-13:100:95//AQ054760
 F-PLACE1002996//Mouse U6 RNA gene.//2.0e-13:113:90//X06980

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F-PLACE1003025//Plasmodium falciparum MAL3P6, complete sequence.//0.84:374:58//Z98551
 F-PLACE1003027//Homo sapiens mRNA for KIAA0516 protein, partial cds.//6.1e-130:632:97//AB011088
 F-PLACE1003044//cDNA encoding novel rat protein TIP120 which is formed of complex with TBP (TATA binding protein).//1.6e-123:687:91//E12829
 5 F-PLACE1003045//H.sapiens CpG island DNA genomic Mse1 fragment, clone 47g6, forward read cpg47g6.ft1a.//0.0064:52:96//Z61200
 F-PLACE1003092//CIT-HSP-387P22.TRB CIT-HSP Homo sapiens genomic clone 387P22, genomic survey sequence.//0.0031:249:63//B60158
 F-PLACE1003100//Human Hep27 protein mRNA, complete cds.//8.9e-65:650:73//U31875
 10 F-PLACE1003108
 F-PLACE1003136//Homo sapiens chromosome 5, P1 clone 1130f1 (LBNL H40), complete sequence.//6.3e-46:606:68//AC004219
 F-PLACE1003145
 F-PLACE1003153//RPCI11-13P16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-13P16, genomic survey sequence.//2.7e-63:478:82//B76206
 15 F-PLACE1003174//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete sequence.//0.61:147:65//Z99495
 F-PLACE1003176//HS_2255_A2_B01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2255 Col=2 Row=C, genomic survey sequence.//6.3e-09:137:76//AQ131934
 20 F-PLACE1003190//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.4e-138:791:901//AC005095
 F-PLACE1003200//P.falciparum complete gene map of plastid-like DNA (IR-B).//8.7e-06:728:57//X95276
 F-PLACE1003205//Human BAC clone RG354L07 from 7q31, complete sequence.//7.5e-05:249:63//AC002466
 F-PLACE1003238//HS_3239_A2_G02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3239 Col=4 Row=M, genomic survey sequence.//0.36:64:87//AQ209954
 25 F-PLACE1003249
 F-PLACE1003256
 F-PLACE1003258//HS_3223_A1_G10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3223 Col=19 Row=M, genomic survey sequence.//1.4e-07:227:65//AQ190317
 30 F-PLACE1003296//CIT-HSP-2337F11.TF CIT-HSP Homo sapiens genomic clone 2337F11, genomic survey sequence.//1.1e-13:97:95//AQ057429
 F-PLACE1003302//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and 9.//2.3e-92:485:95//M27877
 F-PLACE1003334
 35 F-PLACE1003342
 F-PLACE1003343//Homo sapiens clone DJ1022I14, WORKING DRAFT SEQUENCE, 14 unordered pieces.//1.0e-20:179:84//AC004951
 F-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds.//8.0e-143:773:92//U92715
 40 F-PLACE1003361//Human Cosmid g1248a143 from 7q31.3, complete sequence.//1.9e-30:402:70//AC004095
 F-PLACE1003366
 F-PLACE1003369//Plasmodium falciparum MAL3P2, complete sequence.//7.6e-07:378:60//AL034558
 F-PLACE1003373//Homo sapiens PAC clone DJ0740L10 from 7p13-p14, complete sequence.//6.0e-18:471:61//AC005247
 45 F-PLACE1003375
 F-PLACE1003383//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 10/10.//2.3e-157:779:96//AB020878
 F-PLACE1003394//Sprague-Dawley (clone LRB13) RAB14 mRNA, complete cds.//1.2e-104:596:91//M83680
 F-PLACE1003401//RPCI11-71J5.TJ RPCI11 Homo sapiens genomic clone R-71J5, genomic survey sequence.//0.85:140:65//AQ268588
 50 F-PLACE1003420//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y1E3, WORKING DRAFT SEQUENCE.//0.0015:286:60//AL021388
 F-PLACE1003454//Plasmodium falciparum microsatellite pe63 sequence.//0.0084:219:61//AF015470
 F-PLACE1003478//Homo sapiens calcium-dependent chloride channel-1 (hCLCA1) gene, complete cds.//1.3e-11:746:60//AF039401
 55 F-PLACE1003493
 F-PLACE1003516//Homo sapiens chromosome 17, clone HRPC987K16, complete sequence.//8.2e-41:379:78//AC002994

- F-PLACE1003519//Homo sapiens chromosome 21q22.3 PAC 141B3, complete sequence, containing ribosomal protein homologue pseudogene L23a.//6.2e-21:247:76//AF064859
- F-PLACE1003521//Human DNA sequence from PAC 257A7 on chromosome 6p24. Contains two unknown genes and ESTs, STSs and a GSS.//4.4e-68:502:79//AL008729
- 5 F-PLACE1003528//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//1.0:323:58//AL022336
- F-PLACE1003537//Homo sapiens multispanning membrane protein mRNA, complete cds.//0.0054:322:59//U94831
- 10 F-PLACE1003553//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.9e-78:267:88//AL031297
- F-PLACE1003566//Plasmodium falciparum MAL3P3, complete sequence.//0.00026:514:58//Z98547
- F-PLACE1003575//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.079:755:54//AC004688
- 15 F-PLACE1003583//Human DNA sequence from clone 246H3 on chromosome 22q11.21-12.2 Contains LRP5 (Lipoprotein Receptor Related Protein) pseudogene, EST, CA repeats (D22S414, D22S925, D22S926), STS, GSS and CpG island, complete sequence.//1.1e-41:212:74//AL022324
- F-PLACE1003584//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-56, complete sequence.//0.0038:465:57//AL010230
- 20 F-PLACE1003592//Homo sapiens chromosome 17, clone 296K1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//0.72:111:71//AC002557
- F-PLACE1003593//Human PAC clone DJ318C15 from Xq23, complete sequence.//0.096:162:66//AC002476
- F-PLACE1003596//Mus musculus integral membrane protein 1 (Itm1) mRNA, complete cds.//1.4e-54:685:68//L34260
- 25 F-PLACE1003602//Homo sapiens mRNA expressed in placenta.//1.1e-138:679:97//D83200
- F-PLACE1003605//Homo sapiens chromosome 16, cosmid clone RT81 (LANL), complete sequence.//0.0074:265:63//AC005356
- F-PLACE1003611//HS_2198_B1_D02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2198 Col=3 Row=H, genomic survey sequence.//2.1e-23:137:97//AQ184475
- 30 F-PLACE1003618//Homo sapiens chromosome 4 clone C0011C13 map 4p16, complete sequence.//3.0e-122:725:89//AC006226
- F-PLACE1003625//HS_2238_B2_D11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2238 Col=22 Row=H, genomic survey sequence.//4.8e-12:92:94//AQ065662
- F-PLACE1003638//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MKD10, complete sequence.//0.043:264:63//AB011478
- 35 F-PLACE1003669
- F-PLACE1003704//RPCI11-23H21.TKBF RPCI-11 Homo sapiens genomic clone RPCI-11-23H21, genomic survey sequence.//7.1e-31:199:91//AQ013830
- F-PLACE1003709//Homo sapiens mitotic checkpoint kinase Bub1 (BUB1) mRNA, complete cds.//4.3e-132:669:95//AF053305
- 40 F-PLACE1003711//Homo sapiens DNA sequence from PAC 163M9 on chromosome 1p35.1-p36.21. Contains protein synthesis factor (eIF-4C), D1F15S1A pseudogene, ESTs, STS, GSS, complete sequence.//1.5e-31:166:99//AL021920
- F-PLACE1003723//HS_2231_A2_C07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2231 Col=14 Row=E, genomic survey sequence.//1.2e-12:114:90//AQ235672
- 45 F-PLACE1003738//Human zinc finger protein 42 (MZF-1) mRNA, complete cds.//5.9e-33:592:67//M58297
- F-PLACE1003760//Homo sapiens tetraspan TM4SF (TSPAN-3) mRNA, complete cds.//3.6e-11:92:93//AF054840
- F-PLACE1003762
- F-PLACE1003768//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 7/15, WORKING DRAFT SEQUENCE.//4.8e-77:737:76//AP000014
- 50 F-PLACE1003771//Homo sapiens BAC clone GS164B05 from 7p21-p22, complete sequence.//2.1e-164:793:98//AC004160
- F-PLACE1003783//HS_2190_A2_C02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2190 Col=4 Row=E, genomic survey sequence.//1.1e-26:147:100//AQ218757
- 55 F-PLACE1003784//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//4.5e-57:706:68//AC006210
- F-PLACE1003795//Homo sapiens Xq28 genomic DNA in the region of the L1CAM locus containing the genes for neural cell adhesion molecule L1 (L1CAM), arginine-vasopressin receptor (AVPR2), C1 p115 (C1), ARD1 N-acetyl-

- transferase related protein (TE2), renin-binding protein (RbP), host cell factor 1 (HCF1), and interleukin-1 receptor-associated kinase (IRAK) genes, complete cds, and Xq281u2 gene.//0.015:296:60//U52112
- F-PLACE1003833//Homo sapiens DNA sequence from cosmid N75B3 on chromosome 22 Contains EST, exon trap, complete sequence.//0.52:212:64//AL022339
- 5 F-PLACE1003850//P.falciparum histidine-rich protein genes.//0.39:330:60//M17028
- F-PLACE1003858//Human DNA sequence from PAC 332O11 on chromosome 1q24-1q25. Contains ESTs and STSs.//4.8e-07:461:59//Z98043
- F-PLACE1003864//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.026:538:56//AC005139
- 10 F-PLACE1003870//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//6.5e-06:175:69//Z98304
- F-PLACE1003885//Mus musculus poly(A) polymerase VI mRNA, complete cds.//9.4e-75:754:72//U58134
- F-PLACE1003886//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.7e-20:432:64//AC006030
- 15 F-PLACE1003888//Human mRNA for phospholipase C, complete cds.//2.6e-53:702:67//D42108
- F-PLACE1003892//RPCI11-24P17.TV RPCI-11 Homo sapiens genomic clone RPCI-11-24P17, genomic survey sequence.//3.3e-20:245:65//B86759
- F-PLACE1003900//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 328E19, WORKING DRAFT SEQUENCE.//2.5e-17:260:71//AL022240
- 20 F-PLACE1003903//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete cds.//2.7e-86:533:87//U49385
- F-PLACE1003915//Mus musculus clone OST1963, genomic survey sequence.//6.4e-29:251:80//AF046591
- F-PLACE1003923//Homo sapiens full-length insert cDNA clone ZD40A05.//2.8e-25:316:70//AF086251
- F-PLACE1003932//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.6e-05:652:58//AC005505
- 25 F-PLACE1003936//CIT-HSP-2387C11.TR.1 CIT-HSP Homo sapiens genomic clone 2387C11, genomic survey sequence.//1.0:223:62//AQ239494
- F-PLACE1003968//Rattus norvegicus 5'-AMP-activated protein kinase, gamma-1 subunit mRNA, complete cds.//5.2e-47:505:72//U42413
- 30 F-PLACE1004103//Homo sapiens chromosome 19, cosmid R28784, complete sequence.//6.7e-29:241:84//AC005954
- F-PLACE1004104//Rattus norvegicus rsec5 mRNA, complete cds.//3.0e-115:719:86//AF032666
- F-PLACE1004114//Homo sapiens Chromosome 22q11.2 BAC Clone 77h2 In CES Region, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.5e-22:213:80//AC000052
- 35 F-PLACE1004118//Pseudorabies virus with upstream and downstream sequences.//0.87:209:64//M34651
- F-PLACE1004128//M.musculus G protein beta-subunit mRNA, complete cds.//2.5e-62:437:84//M63658
- F-PLACE1004149//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds.//1.4e-16:342:65//AF005355
- F-PLACE1004156//Homo sapiens DNA sequence from PAC 57E3 on chromosome 6p12.1-21.1. Contains GSSs and an STS with a TATC repeat polymorphism, complete sequence.//1.2e-26:299:74//AL022099
- 40 F-PLACE1004161
- F-PLACE1004183//Homo sapiens for TOM1-like protein.//1.2e-146:731:96//AJ010071
- F-PLACE1004197
- F-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor, mRNA, complete cds.//4.0e-144:695:98//AF069493
- 45 F-PLACE1004242//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//2.3e-151:772:95//AL021326
- F-PLACE1004256//HS_2010_B2_G04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2010 Col=8 Row=N, genomic survey sequence.//1.5e-44:372:79//AQ252434
- 50 F-PLACE1004257//Homo sapiens BAC clone NH0342K06 from 2, complete sequence.//0.00011:349:63//AC005034
- F-PLACE1004258//Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence.//0.77:475:59//AL021806
- 55 F-PLACE1004270//Human IgA C alpha 1 switch region (Sa1).//1.7e-08:622:61//L19121
- F-PLACE1004274//H.sapiens CpG island DNA genomic Mse1 fragment, clone 18g6, forward read cpg18g6.ft1b.//8.6e-37:196:98//Z57691
- F-PLACE1004277//Homo sapiens two pore domain K+ channel (TASK-2) mRNA, complete cds.//6.0e-156:756:

- 97//AF084830
 F-PLACE1004284//*Arabidopsis thaliana* genomic DNA, chromosome 5, P1 clone: MPI7, complete sequence.//0.0060:635:57//AB011480
- 5 F-PLACE1004289//HS_3023_B1_E04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3023 Col=7 Row=J, genomic survey sequence.//2.4e-12:86:98//AQ094451
 F-PLACE1004302//*Streptomyces coelicolor* cosmid 7H1.//0.26:297:64//AL021411
 F-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//2.9e-150:797:94//Y11588
 F-PLACE1004336//*Drosophila melanogaster* DNA sequence (P1 DS07968 (D117)), complete sequence.//0.87:206:59//AC004267
- 10 F-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//5.9e-139:688:97//AF100153
 F-PLACE1004376//*Mus musculus* clone OST20307, genomic survey sequence.//4.1e-81:498:89//AF046631
 F-PLACE1004384//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1121J18, WORKING DRAFT SEQUENCE.//3.6e-41:482:73//AL031653
- 15 F-PLACE1004388//*Caenorhabditis elegans* cosmid K08F11.//8.6e-26:615:62//U70855
 F-PLACE1004405//Homo sapiens clone GS512121, WORKING DRAFT SEQUENCE, 9 unordered pieces.//9.2e-150:749:96//AC005027
 F-PLACE1004425//Homo sapiens PAC clone DJ0733B09 from 7p14-p13, complete sequence.//2.4e-08:129:76//AC005532
- 20 F-PLACE1004428//*R.norvegicus* mRNA for Pristanoyl-CoA Oxidase.//7.0e-17:549:61//X95188
 F-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//3.1e-129:536:99//U49283
 F-PLACE1004451//Human DNA sequence from PAC 214K23, BRCA2 gene region chromosome 13q12-13 contains BRCA2 exons 1-24, Interferon Induced 56Kd pseudogene and ESTs.//4.8e-23:231:71//Z74739
- 25 F-PLACE1004460//Homo sapiens PAC clone DJ1064B22 from 7q21, complete sequence.//0.96:454:56//AC004954
 F-PLACE1004467//HS_2058_B1_C09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=17 Row=F, genomic survey sequence.//2.4e-87:433:98//AQ242700
 F-PLACE1004471//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and -9.//1.4e-74:665:70//M27877
- 30 F-PLACE1004473//CIT-HSP-2045A15.TF CIT-HSP Homo sapiens genomic clone 2045A15; genomic survey sequence.//3.3e-20:140:92//B80243
 F-PLACE1004491//*Plasmodium falciparum* 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//9.9e-05:794:57//AC004709
- 35 F-PLACE1004506//Human Gx-alpha gene.//1.0e-05:231:63//D90150
 F-PLACE1004510//Homo sapiens TATA binding protein associated factor (TAFII150) mRNA, complete cds.//3.2e-146:699:98//AF040701
 F-PLACE1004516//Human DNA sequence from cosmid SRL9A13, chromosome region 11p13. Contains EST.//1.4e-33:367:71//Z86001
- 40 F-PLACE1004518
 F-PLACE1004548//*Dictyostelium discoideum* MigA (migA) gene, complete cds.//2.6e-05:318:62//U86962
 F-PLACE1004550//Human FMR1 gene, 5' end.//0.0018:142:66//L19476
 F-PLACE1004564//*B.taurus* mRNA for cleavage and polyadenylation specificity factor.//1.7e-114:513:85//X75931
 F-PLACE1004629//*Anolis carolinensis* Brain-1 gene, complete cds.//0.00013:188:67//AB001868
- 45 F-PLACE1004645//*Mycobacterium tuberculosis* H37Rv complete genome; segment 138/162.//0.66:337:60//Z95120
 F-PLACE1004646//*Rattus norvegicus* retinal pigment epithelium-specific protein (Rpe65) mRNA, complete cds.//1.1e-19:326:63//AF035673
 F-PLACE1004658//H.sapiens CpG island DNA genomic Mse1 fragment, clone 55h1, forward read cpg55h1.ft1a./12.4e-34:188:98//Z61632
- 50 F-PLACE1004664//*Caenorhabditis elegans* cosmid W10G6, complete sequence.//1.0:148:65//Z81140
 F-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene, complete cds.//1.9e-101:182:95//U07561
 F-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds.//4.3e-109:625:91//AF035606
- 55 F-PLACE1004681//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//1.9e-152:759:96//AB020860
 F-PLACE1004686//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the

- SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//1.2e-34:320:71//Z95152
- 5 F-PLACE1004691//HS_3044_A1_G01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3044 Col=1 Row=M, genomic survey sequence.//0.018:191:63//AQ098323
- F-PLACE1004693//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.28:573:57//AL022577
- 10 F-PLACE1004716//Plasmodium falciparum MAL3P6, complete sequence.//0.00081:428:59//Z98551
- F-PLACE1004722//HS_3052_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3052 Col=19 Row=F, genomic survey sequence.//2.3e-05:104:75//AQ134959
- F-PLACE1004736//CIT-HSP-2365J21.TF CIT-HSP Homo sapiens genomic clone 2365J21, genomic survey sequence.//1.3e-24:180:88//AQ080498
- 15 F-PLACE1004740//RPCI11-58A7.TJ RPCI11 Homo sapiens genomic clone R-58A7, genomic survey sequence.//8.6e-26:522:65//AQ195766
- F-PLACE1004743//Mus musculus ubiquitin-protein ligase E3-alpha (Ubr1) mRNA, complete cds.//1.1e-112:711:86//AF061555
- F-PLACE1004751
- 20 F-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds.//5.4e-171:828:97//AF084367
- F-PLACE1004777//Rattus norvegicus mRNA for myosin-RhoGAP protein Myr 7.//4.2e-134:763:90//AJ001713
- F-PLACE1004793//Human DNA sequence from clone 323P24 on chromosome Xp11.21-11.23 Contains SPIN (spindlin homolog (PROTEIN DXF34), hypothetical protein EST, STS, GSS, complete sequence.//9.3e-132:759:90//AL022157
- 25 F-PLACE1004804
- F-PLACE1004813//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//6.5e-06:403:58//AC004710
- F-PLACE1004814//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//9.8e-39:207:99//AC005921
- 30 F-PLACE1004815//Homo sapiens PAC clone DJ0651K02 from 7p21-p22, complete sequence.//8.1e-15:203:73//AC004613
- F-PLACE1004824//G.gallus PB1 gene.//1.1e-103:759:80//X90849
- F-PLACE1004827//HS_2230_A2_A05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2230 Col=10 Row=A, genomic survey sequence.//4.1e-38:330:81//AQ299313
- 35 F-PLACE1004836//H.sapiens nidogen gene (exon 8).//0.97:116:68//X84825
- F-PLACE1004838//HS_3241_A2_A04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3241 Col=8 Row=A, genomic survey sequence.//1.8e-87:425:98//AQ206740
- F-PLACE1004840//Sequence 2 from patent US 5728819.//6.7e-47:285:91//I92819
- F-PLACE1004868
- 40 F-PLACE1004885//Arabidopsis thaliana DNA chromosome 4, ESSA I contig fragment No. 9.//0.14:465:59//Z97344
- F-PLACE1004900
- F-PLACE1004902//CITBI-E1-2510J4.TR CITBI-E1 Homo sapiens genomic clone 2510J4, genomic survey sequence.//3.6e-06:56:100//AQ261184
- F-PLACE1004913//Homo sapiens BAC clone RG054D04 from 7q31, complete sequence.//2.6e-151:770:91//AC005058
- 45 F-PLACE1004918//Mus musculus signaling molecule (ATTP) mRNA, complete cds.//2.6e-68:459:84//U97571
- F-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds.//4.4e-106:545:95//AF070671
- F-PLACE1004934//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudo-gene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//3.5e-45:226:84//AL020989
- 50 F-PLACE1004937
- F-PLACE1004969
- F-PLACE1004972//Homo sapiens PAC clone DJ0612F12 from 7p12-p14, complete sequence.//0.012:316:61//AC004843
- 55 F-PLACE1004979//Human DNA sequence from clone 142F18 on chromosome Xq26.3-27.2 Contains part of a gene similar to melanoma-associated antigen, EST, GSS and an inverted repeat, complete sequence.//4.7e-39:394:77//AL031073
- F-PLACE1004982//Caenorhabditis elegans cosmid B0507.//0.16:167:65//U64833

- F-PLACE1004985//*Plasmodium falciparum* chromosome 2, section 10 of 73 of the complete sequence.//8.8e-14:590:61//AE001373
- F-PLACE1005026
- F-PLACE1005027
- 5 F-PLACE1005046
- F-PLACE1005052//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SEQUENCE, 35 unordered pieces.//2.1e-135:675:97//AC005867
- F-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial cds.//1.9e-159:761:98//AB011148
- 10 F-PLACE1005066//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//9.2e-10:757:56//AF059569
- F-PLACE1005077
- F-PLACE1005085//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//6.9e-29:253:77//AC004673
- F-PLACE1005086//Homo sapiens chromosome 17, clone HCIT11023, complete sequence.//6.5e-52:446:78//AC002316
- 15 F-PLACE1005101//Homo sapiens clone DJ0414A15, WORKING DRAFT SEQUENCE, 9 unordered pieces.//2.0e-146:734:96//AC005225
- F-PLACE1005102//Homo sapiens chromosome 19, cosmid R29388, complete sequence.//9.8e-83:254:95//AC004476
- 20 F-PLACE1005108//Human BAC clone RG009H02 from 7q31, complete sequence.//0.46:179:64//AC003081
- F-PLACE1005111
- F-PLACE1005128//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//0.00051:287:63//L14320
- F-PLACE1005146//HS_3071_A1_E03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=5 Row=I, genomic survey sequence.//7.4e-38:299:82//AQ103361
- 25 F-PLACE1005162//Human BAC clone GS306C12 from 7q21-q22, complete sequence.//2.6e-44:346:82//AC002451
- F-PLACE1005176
- F-PLACE1005181//CIT-HSP-2340O5.TR CIT-HSP Homo sapiens genomic clone 2340O5, genomic survey sequence.//0.99:211:63//AQ054651
- 30 F-PLACE1005187//CIT-HSP-2358N6.TR CIT-HSP Homo sapiens genomic clone 2358N6, genomic survey sequence.//2.7e-07:80:90//AQ074445
- F-PLACE1005206//Human BAC clone 133K23 from 7q31.2, complete sequence.//0.98:216:61//AC000061
- F-PLACE1005232//Homo sapiens clone DJ1106H14, WORKING DRAFT SEQUENCE, 42 unordered pieces.//0.70:245:63//AC004965
- 35 F-PLACE1005243
- F-PLACE1005261//*Caenorhabditis elegans* cosmid T05H10, complete sequence.//0.00041:254:61//Z47812
- F-PLACE1005266//H.sapiens mRNA (fetal brain cDNA a4_2g).//9.6e-33:177:98//Z70695
- F-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds.//1.6e-148:706:98//AB011182
- 40 F-PLACE1005287//*Plasmodium falciparum* (MESA) mRNA exons 1-2, complete cds.//2.8e-15:737:60//M69183
- F-PLACE1005305//Bovine mitochondrial GTP:AMP phosphotransferase mRNA, complete cds.//3.8e-111:728:84//M25757
- F-PLACE1005308//*Clethrionomys glareolus* endogenous retroviral sequence ERV-L pol gene, clone ERV-L Vole Cg14.//1.0:128:67//AJ233621
- 45 F-PLACE1005313//*Caenorhabditis elegans* cosmid D2092.//8.8e-11:342:62//U88167
- F-PLACE1005327//HS_3080_B2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3080 Col=24 Row=B, genomic survey sequence.//4.1e-25:147:96//AQ139116
- F-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569, complete sequence.//1.4e-132:399:94//AC004794
- 50 F-PLACE1005335//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.5e-114:237:92//AC000380
- F-PLACE1005373
- F-PLACE1005374//Homo sapiens chromosome 7 common fragile site, complete sequence.//0.20:305:58//AF017104
- 55 F-PLACE1005409//Human BAC clone RG167B05 from 7q21, complete sequence.//2.5e-148:760:95//AC003991
- F-PLACE1005453//*Caenorhabditis elegans* DNA *** SEQUENCING IN PROGRESS *** from clone Y48A6, WORKING DRAFT SEQUENCE.//0.00069:582:59//Z92854
- F-PLACE1005467//Rat mRNA.//0.0014:131:70//M59859

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F-PLACE1005471//Human DNA sequence from clone 4514 on chromosome 6q24.1-24.3. Contains two putative unknown genes, ESTs, STSs and GSSs, complete sequence.//3.0e-23:530:67//AL023581

F-PLACE1005477//Human DNA sequence from clone J181N11, WORKING DRAFT SEQUENCE.//3.3e-131:814:88//Z82191

5 F-PLACE1005480//Homo sapiens DNA sequence from PAC 257I20 on chromosome 22q13.1-13.2. Contains cytochrome P450 pseudogenes CYP2D7P, CYP2D8P, CYP2D6(D),TCF20, NADH ubiquinone oxidoreductase B14 subunit, ESTs, CA repeat, STS, GSS.//7.0e-34:246:73//AL021878

F-PLACE1005481//RPC111-74L17.TJ RPC111 Homo sapiens genomic clone R-74L17, genomic survey sequence.//0.37:403:57//AQ266885

10 F-PLACE1005494//Homo sapiens transient receptor potential protein 6 mRNA, complete cds.//2.1e-67:325:99//AF080394

F-PLACE1005502//Homo sapiens BAC clone NH0161H12 from 7p14-p15, complete sequence.//0.015:403:61//AC005589

15 F-PLACE1005526//H.sapiens CpG island DNA genomic Mse1 fragment, clone 9f1, reverse read cp9f1.rt1a.//3.6e-27:159:96//Z66485

F-PLACE1005528//Homo sapiens genomic DNA, chromosome 21q11.1, segment 9/28, WORKING DRAFT SEQUENCE.//2.6e-28:449:67//AP000038

F-PLACE1005530//Homo sapiens clone DJ0691L07, complete sequence.//6.5e-18:234:72//AC004860

F-PLACE1005550//Fugu rubripes GSS sequence, clone 048A08bH3, genomic survey sequence.//1.2e-14:123:75//AL025925

20 F-PLACE1005554//Leishmania tarentolae mitochondrial 12S ribosomal RNA gene.//0.43:209:66//X02354

F-PLACE1005557//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//9.3e-113:536:97//AC004707

25 F-PLACE1005574//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.1e-10:514:59//AC005504

F-PLACE1005584//Homo sapiens mRNA for KIAA0617 protein, complete cds.//0.00056:289:63//AB014517

F-PLACE1005595//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete sequence.//1.2e-111:262:89//AC004126

F-PLACE1005603

30 F-PLACE1005611//F16O5TFC IGF Arabidopsis thaliana genomic clone F16O5, genomic survey sequence.//2.0e-10:209:66//B98589

F-PLACE1005623

F-PLACE1005630//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.2e-93:230:98//AC005840

35 F-PLACE1005639//HS_3095_B1_A03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3095 Col=5 Row=B, genomic survey sequence.//1.2e-05:220:63//AQ123022

F-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//6.4e-150:721:98//AF083255

F-PLACE1005656//H.sapiens RR2 mRNA for small subunit ribonucleotide reductase.//1.3e-51:480:74//X59618

40 F-PLACE1005666//RPC111-78O15.TV RPC111 Homo sapiens genomic clone R-78O15, genomic survey sequence.//8.7e-05:243:62//AQ284667

F-PLACE1005698//Human membrane-associated lectin type-C mRNA.//1.9e-63:374:85//M98457

F-PLACE1005727//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete sequence.//0.69:633:57//AE001422

45 F-PLACE1005730//HS_2026_B1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2026 Col=21 Row=P, genomic survey sequence.//2.0e-24:286:74//AQ231147

F-PLACE1005739//Mus musculus IFN-gamma induced (Mg11) mRNA, complete cds.//2.8e-55:621:71//U15635

F-PLACE1005755//HS_2213_A2_H11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2213 Col=22 Row=O, genomic survey sequence.//1.4e-25:290:75//AQ136844

50 F-PLACE1005763//Rat medium-chain S-acyl fatty acid synthetase thio ester hydrolase (MCH), complete cds.//4.5e-40:297:70//M16200

F-PLACE1005799//R.norvegicus mRNA for mitochondrial isoform of cytochrome b5.//0.91:287:63//Y12517

F-PLACE10058021//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//5.0e-109:530:98//AC004827

55 F-PLACE1005803//HS_3092_B1_A10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3092 Col=19 Row=B, genomic survey sequence.//2.4e-08:76:96//AQ103695

F-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds.//1.4e-126:636:96//AF027156

F-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//2.6e-154:739:98//AF065482

- F-PLACE1005828//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//2.2e-37:355:77//AC004150
- F-PLACE1005834//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-105, complete sequence.//0.00080:663:58//AL010283
- 5 F-PLACE1005845//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00015:340:58//AC004153
- F-PLACE1005850//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel genes, ESTs, GSSs and CpG islands, complete sequence.//1.8e-46:278:85//AL031432
- F-PLACE1005851
- 10 F-PLACE1005876//B.taurus mRNA for cleavage and polyadenylation specificity factor.//5.0e-120:701:89//X75931
- F-PLACE1005884//CIT-HSP-2333O12.TR CIT-HSP Homo sapiens genomic clone 2333O12, genomic survey sequence.//4.6e-78:385:98//AQ039226
- F-PLACE1005890//Schizosaccharomyces pombe bem1/bud5 suppressor (Bem46+) mRNA, partial cds.//9.3e-16:638:57//U29892
- 15 F-PLACE1005898//Rattus norvegicus A-kinase anchoring protein AKAP150 mRNA, complete cds.//1.0:178:65//U67136
- F-PLACE1005921//M.musculus mRNA for immunity associated protein 38.//6.6e-17:614:59//Y08026
- F-PLACE1005923//RPCI11-33G19.TJ RPCI-11 Homo sapiens genomic clone RPCI-11-33G19, genomic survey sequence.//4.0e-10:535:57//AQ046151
- 20 F-PLACE1005925//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING DRAFT SEQUENCE.//0.17:159:65//AL034405
- F-PLACE1005932
- F-PLACE1005934//H.sapiens CpG island DNA genomic Mse1 fragment, clone 165g2, forward read cpg165g2.ft1a.//8.3e-43:247:93//Z57153
- 25 F-PLACE1005936//F.rubripes GSS sequence, clone 069K22aG2, genomic survey sequence.//0.91:116:68//AL014719
- F-PLACE1005951//Rhodobacter sphaeroides DMSO/TMAO-sensor kinase (dorS), DMSO/TMAO-response regulator (dorR), DMSO/TMAO-cytochrome c-containing subunit (dorC), DMSO-membrane protein (dorB), and DMSO/TMAO-reductase (dorA) genes, complete cds.//0.0022:495:59//AF016236
- 30 F-PLACE1005953//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//2.9e-05:442:61//AC004081
- F-PLACE1005955//Caenorhabditis elegans cosmid F01F1.//4.3e-20:409:64//U13070
- F-PLACE1005966//P.falciparum aarp3 gene, exon.//0.0083:270:64//Y08925
- F-PLACE1005968
- 35 F-PLACE1005990//Homo sapiens chromosome 12p13.3 clone RPCI11-407G6, WORKING DRAFT SEQUENCE, 51 ordered pieces.//1.0e-100:513:96//AC005866
- F-PLACE1006002//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING DRAFT SEQUENCE.//2.5e-54:444:77//Z86090
- F-PLACE1006003//HS-1059-A2-G01-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 781 Col=2 Row=M, genomic survey sequence.//3.4e-05:214:64//B44442
- 40 F-PLACE1006011//Mus musculus poly-(ADPribose)-transferase homolog PARP mRNA, complete cds.//4.3e-71:580:79//AF072521
- F-PLACE1006017//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-113A6 -complete genomic sequence, complete sequence.//8.6e-32:177:83//AC002299
- 45 F-PLACE1006037//Mus musculus B6D2F1 clone 2C11B mRNA.//1.8e-34:269:83//U01139
- F-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//3.4e-147:719:97//X99906
- F-PLACE1006076//Homo sapiens DNA sequence from PAC 79C4 on chromosome 1q24. Contains the PMX1 gene, coding for two alternative forms of the Paired Mesoderm Homeobox protein 1 (PMX-1, PHOX-1). Contains ESTs, STSs and BAC end sequences (GSSs), complete sequence.//0.37:332:62//Z97200
- 50 F-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds.//1.3e-145:679:99//AF039023
- F-PLACE1006129
- F-PLACE1006139//Saccharomyces cerevisiae chromosome VI cosmid 9965.//4.8e-27:693:60//D44597
- F-PLACE1006143//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//4.7e-46:435:77//Z93015
- 55 F-PLACE1006157//Saguinus oedipus mRNA for membrane cofactor protein CD46, complete cds, clone:B2.//0.048:290:60//D85750
- F-PLACE1006159//Homo sapiens chromosome 10 clone CIT987SK-1054O2 map 10q25, complete sequence.//3.2e-129:466:96//AC005661

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F-PLACE1006164//HS_3003_A1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3003 Col=15 Row=K, genomic survey sequence.//1.4e-70:388:93//AQ118200
F-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149, complete sequence.//4.3e-78:385:86//AC005239
5 F-PLACE1006170//Mouse mRNA for alpha-adaptin (C).//3.5e-91:630:84//X14972
F-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds.//3.9e-149:694:99//AF091433
F-PLACE1006195//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete sequence.//2.5e-16:283:70//AC003658
10 F-PLACE1006196//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete cds.//2.2e-94:648:84//L25125
F-PLACE1006205//Human Xp22 cosmid U250A9, complete sequence.//0.15:533:58//U75931
F-PLACE1006223//F24L20-T7 IGF Arabidopsis thaliana genomic clone F24L20, genomic survey sequence.//0.0068:175:64//B19803
15 F-PLACE1006225//CIT-HSP-2335123.TF CIT-HSP Homo sapiens genomic clone 2335123, genomic survey sequence.//2.1e-19:149:90//AQ039880
F-PLACE1006236//Human chromosome 12p15 BAC clone CIT987SK-99D8 complete sequence.//0.51:290:58//U91327
F-PLACE1006239//Homo sapiens BAC clone RG118D07 from 7q31, complete sequence.//7.4e-158:452:96//AC004142
20 F-PLACE1006246//RPCI11-36I23.TK RPCI-11 Homo sapiens genomic clone RPCI-11-36I23, genomic survey sequence.//2.6e-31:176:97//AQ045400
F-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds.//2.3e-166:791:98//AB014548
F-PLACE1006262//342E3.TVD CIT978SKA1 Homo sapiens genomic clone A-342E03, genomic survey sequence.//1.0:228:63//B16447
25 F-PLACE1006288//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20N2, WORKING DRAFT SEQUENCE.//6.6e-172:809:99//AL031320
F-PLACE1006318
F-PLACE1006325//Homo sapiens PAC clone DJ0988L12 from 7q11.23-q21.1, complete sequence.//0.079:396:59//AC004454
30 F-PLACE1006335//Mouse Ig third hypervariable region (HCDR3), nonproductively rearranged alpha-chain gene VHSB32-D-JH2 region.//1.0:90:67//M55721
F-PLACE1006357//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.16:445:56//AC005504
F-PLACE1006360//Plasmodium falciparum MAL3P7, complete sequence.//6.1e-05:625:57//AL034559
35 F-PLACE1006368//X.laevis mRNA for KLP2 protein.//3.0e-25:376:68//X94082
F-PLACE1006371//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence.//2.0e-146:711:97//AC004232
F-PLACE1006382
F-PLACE1006385//Homo sapiens epsin 2a mRNA, complete cds.//5.1e-110:539:97//AF062085
40 F-PLACE1006412//Homo sapiens BAC clone GS588G18 from 7p12-p14, complete sequence.//1.3e-23:463:68//AC005029
F-PLACE1006414//Homo sapiens PCAF associated factor 65 alpha mRNA, complete cds.//1.3e-109:525:98//AF069735
F-PLACE1006438//Homo sapiens mRNA for KIAA0557 protein, partial cds.//6.9e-23:531:65//AB011129
45 F-PLACE1006445//HS_3071_A1_C11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=21 Row=E, genomic survey sequence.//4.7e-74:392:95//AQ 103347
F-PLACE1006469//Rhodobacter capsulatus strain SB1003, partial genome.//1.1e-40:686:65//AF010496
F-PLACE1006470//T.brucei kinetoplast maxicircle variable region DNA.//0.99:250:59//Z15118
50 F-PLACE1006482//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447C4, WORKING DRAFT SEQUENCE.//4.3e-120:328:98//AL021977
F-PLACE1006488//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68).//6.5e-86:478:91//X53744
F-PLACE1006492
F-PLACE1006506
55 F-PLACE1006521//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence.//0.0010:547:58//AC005083
F-PLACE1006531//Oryctolagus cuniculus translation initiation factor eIF2C mRNA, complete cds.//2.6e-84:625:80//AF005355

- F-PLACE1006534//Caenorhabditis elegans cosmid Y40H7A, complete sequence.//0.00031:671:58//AL033510
 F-PLACE1006540
 F-PLACE1006552//P.falciparum glutamic acid-rich protein gnen, complete cds.//6.0e-10:636:59//J03998
 F-PLACE1006598//Homo sapiens BAC clone NH0539B24 from 7p15.1-p14, complete sequence.//9.8e-25:170:77//AC006044
 5 F-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//6.7e-167:781:99//U97670
 F-PLACE1006617//Homo sapiens Xp22 BAC GSHB-433024 (Genome Systems Human BAC library) complete sequence.//0.98:514:59//AC004470
 10 F-PLACE1006626//H.sapiens DNA 3' flanking simple sequence region clone wg2c3.//0.00079:206:62//X76589
 F-PLACE1006629//Human BAC clone RG333F24 from 7q11.2-q21, complete sequence.//0.0012:576:57//AC004015
 F-PLACE1006640//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.0018:588:59//X95276
 F-PLACE1006673//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.0028:469:58//AC004688
 15 F-PLACE1006678//Mus musculus UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase-I (b3GT1) gene, complete cds.//0.00011:184:64//AF029790
 F-PLACE1006704//Mus musculus dentin sialophosphoprotein precursor (DSPP) mRNA, complete cds.//0.0013:380:62//U67916
 20 F-PLACE1006731//Human DNA sequence from PAC 408N23 on chromosome 22q13. Contains HIP, HSC70-INTERACTING PROTEIN (PROGESTERONE RECEPTOR-ASSOCIATED P48 PROTEIN), ESTs and STS.//1.5e-78:520:86//Z98048
 F-PLACE1006754//Homo sapiens chromosome 19, cosmid R29124, complete sequencer/1.9e-135:378:99//AC005626
 25 F-PLACE1006760//CIT-HSP-2336O13.TR CIT-HSP Homo sapiens genomic clone 2336O13, genomic survey sequence.//0.018:147:66//AQ039246
 F-PLACE1006779//Plasmodium falciparum chromosome 2, section 63 of 73 of the complete sequence.//2.6e-08:823:58//AE001426
 F-PLACE1006782//Homo sapiens clone NH0005N18, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.043:252:65//AC005487
 30 F-PLACE1006792//HS_3165_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3165 Col=1 Row=P, genomic survey sequence.//1.4e-11:249:67//AQ149559
 F-PLACE1006795//Mouse eph-related receptor tyrosine kinase (Mek4) mRNA, complete cds.//1.3e-12:155:80//M68513
 35 F-PLACE1006800//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-92, complete sequence.//6.7e-05:391:62//AL010272
 F-PLACE1006805//paramecium species 1,168 mt dna dimer: replication init. region.//9.1e-09:369:62//K00915
 F-PLACE1006815//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 321D2, WORKING DRAFT SEQUENCE.//0.89:465:58//AL031033
 40 F-PLACE1006819//Homo sapiens clone DJ1163L11, complete sequence.//1.5e-121:618:91//AC005230
 F-PLACE1006829//Bm-3a=class V POU transcription factor [mice, CD/CD, embryo fibroblast cells, Genomic, 2160 nt].//0.011:145:68//S69350
 F-PLACE1006860//Plasmodium falciparum MAL3P7, complete sequence.//2.2e-07:691:58//AL034559
 F-PLACE1006867//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 323M4, WORKING DRAFT SEQUENCE.//1.5e-132:643:98//AL033378
 45 F-PLACE1006878
 F-PLACE1006883//Mycobacterium tuberculosis H37Rv complete genome; segment 138/162.//1.0:236:62//Z95120
 F-PLACE1006901//Mus musculus t complex testis-specific protein (Tctex2) gene, t haplotype, promoter sequence.//2.7e-19:171:81//U21672
 50 F-PLACE1006904
 F-PLACE1006917//H.sapiens CpG island DNA genomic Mse1 fragment, clone 79g10, forward read cpg79g10.ft1a.//1.3e-21:131:98//Z63175
 F-PLACE1006932//Mus musculus FKBP65 binding protein mRNA, complete cds.//0.99:248:61//L07063
 55 F-PLACE1006935//Homo sapiens chromosome 9 duplication of the T cell receptor beta locus and trypsinogen gene families.//0.85:161:63//AF029308
 F-PLACE1006956//Hylobates lar involucrin gene, complete cds.//0.077:355:61//M35447
 F-PLACE1006958//Mus musculus osmotic stress protein 94 (Osp94) mRNA, complete cds.//2.9e-89:483:86//

- U23921
F-PLACE1006961//Saccharomyces cerevisiae mitochondrial tRNA-Tyr, tRNA-Asn, & amp; tRNA-Met genes.//1.6e-06:651:58//AJ223323
- 5 F-PLACE1006962//H.sapiens ir1B mRNA.//7.1e-15:202:71//X63417
F-PLACE1006966//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105E8, WORKING DRAFT SEQUENCE.//1.7e-26:451:61//AL022594
F-PLACE1006989//cSRL-172A4-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-172A4, genomic survey sequence.//1.0:97:67//B03188
- 10 F-PLACE1007014//Rattus norvegicus equilibrative nitrobenzylthioinosine-insensitive nucleoside transporter mRNA, complete cds.//4.2e-07:592:58//AF015305
F-PLACE1007021//Homo sapiens chromosome 19, cosmid F16403; complete sequence.//5.1e-17:285:70//AC005777
F-PLACE1007045//Human DNA sequence from PAC 181N1 on chromosome X contains ESTs, STS polymorphic CA repeat*.//6.2e-131:775:89//Z82899
- 15 F-PLACE1007053//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.7e-143:675:99//AC004895
F-PLACE1007068//Homo sapiens chromosome 17, clone hRPK.214_O_1, complete sequence.//1.3e-131:652:97//AC005224
F-PLACE1007097//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//8.3e-158:768:97//AL021368
- 20 F-PLACE1007105//Mus musculus muskulin mRNA, complete cds.//4.1e-124:687:91//U72194
F-PLACE1007111//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.7e-05:586:56//AC005139
F-PLACE1007112//HS_2234_B2_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2234 Col=20 Row=N, genomic survey sequence.//0.26:200:62//AQ087801
- 25 F-PLACE1007132//CIT978SK-A-211C6.TVB CIT978SK Homo sapiens genomic clone A-211C6, genomic survey sequence.//1.3e-40:255:92//B72112
F-PLACE1007140//QN1 orf [Coturnix coturnix, japonica, K2 neuroretinal cells, mRNA Partial, 3884 nt].//4.9e-15:386:62//S68151
F-PLACE1007178//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.011:329:61//AC005140
- 30 F-PLACE1007226//Human lipocortin (LIP) 2 gene, upstream region.//0.0036:180:63//M62899
F-PLACE1007238//FMR1 {CGG repeats} [human, Fragile X syndrome patient, Genomic, 429 nt].//2.8e-08:269:63//S74494
F-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//6.3e-57:405:87//D50495
- 35 F-PLACE1007242//HS_3006_A1_B11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=21 Row=C, genomic survey sequence.//0.088:191:59//AQ089443
F-PLACE1007243//Human transporter protein (g17) mRNA, complete cds.//7.9e-12:245:66//U49082
F-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//5.2e-144:677:98//Y15908
- 40 F-PLACE1007274//HS_3003_A1_D08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3003 Col=15 Row=G, genomic survey sequence.//7.4e-49:345:85//AQ294154
F-PLACE1007276//Fugu rubripes GSS sequence, clone 014O10aG11, genomic survey sequence.//0.0052:228:62//AL024982
F-PLACE1007282//F.rubripes GSS sequence, clone 019O07aB3, genomic survey sequence.//0.024:289:58//AL011743
- 45 F-PLACE1007286//Human Chromosome 16 BAC clone CIT987SK-A-256A9, complete sequence.//0.0048:185:69//AC002492
F-PLACE1007301//Dictyostelium discoideum gene for TRFA, complete cds.//0.069:761:57//AB009080
F-PLACE1007317
F-PLACE1007342
- 50 F-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//5.4e-120:567:98//AF096870
F-PLACE1007367//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.2e-59:613:75//AC005077

- F-PLACE1007375//Caenorhabditis elegans cosmid D2092.//1.8e-12:193:70//U88167
 F-PLACE1007386
 F-PLACE1007402//HS_2170_A2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2170 Col=24 Row=G, genomic survey sequence.//5.6e-06:162:67//AQ125590
 5 F-PLACE1007409//Homo sapiens mitoxantrone resistance protein 2 mRNA, complete sequence.//1.6e-25:165:
 93//AF093772
 F-PLACE1007416
 F-PLACE1007450//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//4.9e-34:764:62//
 AC003973
 10 F-PLACE1007452//Mus musculus bet3 (Bet3) mRNA, complete cds.//4.1e-17:374:64//AF041433
 F-PLACE1007454//Homo sapiens (clone s153) mRNA fragment.//8.1e-52:317:93//L40391
 F-PLACE1007460//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like pro-
 tease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence.//0.0019:280:64//AL031117
 F-PLACE1007478//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-345G4 -complete genomic sequence,
 15 complete sequence.//2.5e-24:362:71//AC002302
 F-PLACE1007484
 F-PLACE1007488//Danio rerio faciogenital dysplasia protein (fgd) mRNA, complete cds.//3.8e-14:293:63//
 AF017370
 F-PLACE1007507//Human DNA sequence from clone 105D16 on chromosome Xp11.3-11.4 Contains pseudogene
 20 similar to laminin-binding protein, CA repeat, STS, complete sequence.//4.6e-10:152:75//AL031311
 F-PLACE1007511//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//3.6e-139:477:
 98//AC004231
 F-PLACE1007524//Plasmodium falciparum microsatellite 14C sequence.//0.0055:395:59//AF015461
 F-PLACE1007525//Trypanoplasma borelli mitochondrion cytochrome oxidase subunit 1 (cox1), cytochrome oxi-
 25 dase subunit 2 (cox2), and apocytochrome b (cytb) genes, complete cds, and complete 9S rRNA gene and partial
 12S rRNA gene.//0.0013:550:58//U11682 F-PLACE1007537//H.sapiens CpG island DNA genomic Mse1 fragment,
 clone 198g6, reverse read cpG198g6.rt1a.//0.98:121:67//Z60280
 F-PLACE1007544//Mus musculus chromosome 14 marker um-m24 GA dinucleotide DNA sequence.//2.3e-10:
 141:75//U31508
 30 F-PLACE1007547//Homo sapiens mRNA for KIAA0661 protein, complete cds.//3.1e-69:733:71//AB014561
 F-PLACE1007557//Drosophila yakuba mitochondrial DNA molecule.//0.022:393:61//X03240
 F-PLACE1007583//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 545L17, WORKING
 DRAFT SEQUENCE.//3.6e-114:565:97//AL031665
 F-PLACE1007598//CIT-HSP-2371G14.TF CIT-HSP Homo sapiens genomic clone 2371G14, genomic survey se-
 35 quence.//2.0e-22:304:70//AQ111183
 F-PLACE1007618//Homo sapiens chromosome 17, clone hRPK.642_C_21, complete sequence.//1.0:386:59//
 AC005245
 F-PLACE1007621
 F-PLACE1007632//Homo sapiens 12p13.3 PAC RPCI5-940J5 (Roswell Park Cancer Institute Human PAC Library)
 40 complete sequence.//1.0e-88:276:96//AC006064
 F-PLACE1007645//Bovine elastin mRNA, partial cds.//2.1e-07:110:79//M26132
 F-PLACE1007649
 F-PLACE1007677//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING
 DRAFT SEQUENCE.//1.2e-21:567:64//AL023755
 45 F-PLACE1007688//Pseudorabies virus immediate-early gene.//2.2e-05:287:66//X15120
 F-PLACE1007690//Caenorhabditis elegans cosmid R07G3.//0.40:122:70//U23452
 F-PLACE1007697//Mus musculus LIM/homeobox (Lhx3) gene fragment.//0.85:117:71//L40483
 F-PLACE1007705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING
 DRAFT SEQUENCE.//0.0035:75:88//AL031662
 50 F-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//1.3e-147:709:97//AF061243
 F-PLACE1007725//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MBB18, complete sequence.//
 1.0:510:58//AB005231
 F-PLACE1007729//Human endogenous retrovirus HML6 proviral clone HML6p, putative leader region, gag, pro
 and pol pseudogenes.//4.8e-136:516:89//U86698
 55 F-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds.//7.9e-155:728:98//AB014585
 F-PLACE1007737//Homo sapiens clone DJ0847O08, WORKING DRAFT SEQUENCE, 3 unordered pieces.//5.8e-
 22:806:60//AC005484
 F-PLACE1007743//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING

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DRAFT SEQUENCE, 3 unordered pieces.//1.1e-06:510:56//AC005504
 F-PLACE1007746//HS_2268_B1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2268 Col=19 Row=N, genomic survey sequence.//0.10:171:63//AQ124780
 F-PLACE1007791//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P6, WORKING
 5 DRAFT SEQUENCE.//0.63:241:58//AL031749
 F-PLACE1007807//Homo sapiens chromosome 17, clone hRPK.879_D_6, complete sequence.//1.0e-120:743:
 87//AC005273
 F-PLACE1007810//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete se-
 quence.//1.0e-113:739:86//AC003658
 10 F-PLACE1007829//CIT-HSP-2383J22.TR CIT-HSP Homo sapiens genomic clone 2383J22, genomic survey se-
 quence.//1.0e-47:254:97//AQ196438
 F-PLACE1007843//F.rubripes GSS sequence, clone 162K02bC12, genomic survey sequence.//1.6e-10:148:72//
 AL006903
 F-PLACE1007846//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15,
 15 WORKING DRAFT SEQUENCE.//3.4e-177:844:98//AP000010
 F-PLACE1007852//Mouse perlecan mRNA, complete cds.//8.5e-39:243:90//M77174
 F-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds.//3.9e-189:894:98//AB018309
 F-PLACE1007866//CIT-HSP-2353D11.TF.1 CIT-HSP Homo sapiens genomic clone 2353D11, genomic survey se-
 quence.//0.015:279:61//AQ263271
 20 F-PLACE1007877
 F-PLACE1007897
 F-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487.//2.3e-154:755:97//
 AB007956
 F-PLACE1007946//Human chromosome Y cosmid 56B5 genomic sequence, WORKING DRAFT SEQUENCE.//
 25 1.1e-59:310:81//AC003097
 F-PLACE1007954//Homo sapiens BAC clone NH0414C23 from Y, complete sequence.//2.1e-61:522:79//
 AC006157
 F-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//2.7e-171:813:98//
 AF084530
 30 F-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//2.5e-153:
 730:98//AF079529
 F-PLACE1007969//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//3.4e-32:383:74//
 U13262
 F-PLACE1007990//H.sapiens genomic DNA fragment (clone J31A212R).//6.6e-35:198:96//Z94758
 35 F-PLACE1008000//Mus musculus veli 3 mRNA, complete cds.//1.5e-118:706:88//AF087695
 F-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//6.4e-
 163:786:98//AC005628
 F-PLACE1008044//Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.//1.2e-95:625:
 84//L31840
 40 F-PLACE1008045//Caenorhabditis elegans cosmid F17C8, complete sequence.//0.016:165:65//Z35719
 F-PLACE1008080//Human DNA sequence from cosmid L118G10, Huntington's Disease Region, chromosome
 4p16.3.//4.0e-07:251:64//Z68883
 F-PLACE1008095//RPCI11-21F19.TP RPCI-11 Homo sapiens genomic clone RPCI-11-21F19, genomic survey
 sequence.//1.5e-30:166:99//B85883
 45 F-PLACE1008111//Aphidius picipes NADH dehydrogenase 1 gene, mitochondrial gene encoding mitochondrial
 protein, partial cds.//7.5e-06:414:60//AF069163
 F-PLACE1008122//S.cerevisiae chromosome XV reading frame ORF YOL125w.//0.046:477:59//Z74867
 F-PLACE1008129//Human Chromosome 15q26.1 PAC clone pDJ290i21 containing fur, fes, and alpha mannos-
 idase IIx genes, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.0068:446:57//AC004586
 50 F-PLACE1008132//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316D5, WORKING
 DRAFT SEQUENCE.//3.6e-20:111:93//Z82199
 F-PLACE1008177//Mouse mRNA for meiosis-specific nuclear structural protein 1 (MNS1), complete cds.//2.5e-
 88:866:73//D14849
 F-PLACE1008181//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 159A1, WORKING
 55 DRAFT SEQUENCE.//0.0033:727:56//AL034397
 F-PLACE1008198//HS_3073_A1_C06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3073 Col=11 Row=E, genomic survey sequence.//2.3e-12:94:92//AQ171450
 F-PLACE1008201//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.5e-

162:791:97//AC005069
 F-PLACE1008209
 F-PLACE1008231//Mouse testis-specific protein mRNA, complete cds.//0.65:174:66//M26332
 F-PLACE1008244//CIT-HSP-2337B4.TR CIT-HSP Homo sapiens genomic clone 2337B4, genomic survey se-
 5 quence.//6.7e-28:165:95//AQ039317
 F-PLACE1008273//B.primigenius mRNA for coat protein gamma-cop.//2.8e-71:709:71//X92987
 F-PLACE1008275//D.discoideum actin A-13 gene, 5' flank.//0.12:131:64//M29123
 F-PLACE1008280//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library)
 complete sequence.//0.011:96:73//AC005913
 10 F-PLACE1008309//Rattus norvegicus putative four repeat ion channel mRNA, complete cds.//8.2e-86:672:77//
 AF078779
 F-PLACE1008329//HS_2027_A1_C06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2027 Col=11 Row=E, genomic survey sequence.//8.7e-09:116:81//AQ244432
 F-PLACE1008330//Homo sapiens chromosome 19, cosmid F21431, complete sequence.//2.2e-141:670:98//
 15 AC005176
 F-PLACE1008331//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.1e-
 27:157:78//AC005000
 F-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds.//1.1e-137:659:98//AB014579
 F-PLACE1008368//CIT-HSP-2311C9.TR CIT-HSP Homo sapiens genomic clone 2311C9, genomic survey se-
 20 quence.//7.1e-08:398:60//AQ016352
 F-PLACE1008369//HS_2251_B1_A02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2251 Col=3 Row=B, genomic survey sequence.//2.1e-35:217:93//AQ066512
 F-PLACE1008392//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence.//1.4e-11:403:
 64//AC005856
 25 F-PLACE1008398//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING
 DRAFT SEQUENCE.//3.7e-144:681:99//AL034417
 F-PLACE1008401//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//2.8e-45:257:96//AC004604
 F-PLACE1008402//Homo sapiens mRNA for p115, complete cds.//4.3e-148:711:98//D86326
 30 F-PLACE1008405//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
 DRAFT SEQUENCE, 4 unordered pieces.//0.089:672:56//AC004688
 F-PLACE1008424
 F-PLACE1008426//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and
 non-small cell lung cancer, segment 7/11.//1.0e-88:331:84//AB020864
 35 F-PLACE1008429//Chromosome 22q13 BAC Clone CIT987SK-384D8 complete sequence.//0.55:530:58//
 U62317
 F-PLACE1008437//CIT-HSP-2376H4.TR CIT-HSP Homo sapiens genomic clone 2376H4, genomic survey se-
 quence.//3.3e-78:349:94//AQ112479
 F-PLACE1008455//HS_2064_B1_E09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 40 nomic clone Plate=2064 Col=17 Row=J, genomic survey sequence.//4.7e-59:471:81//AQ246589
 F-PLACE1008457//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//8.9e-43:307:
 73//AC004526
 F-PLACE1008465//CIT-HSP-2163F24.TR CIT-HSP Homo sapiens genomic clone 2163F24, genomic survey se-
 quence.//8.9e-41:210:99//B90014
 45 F-PLACE1008488//Mus musculus mRNA for testis-specific protein kinase 1, complete cds.//0.00013:516:58//
 AB003494
 F-PLACE1008524//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34B21, WORKING
 DRAFT SEQUENCE.//1.3e-161:778:98//AL031778
 F-PLACE1008531//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete
 50 cds.//1.1e-78:191:100//AF045555
 F-PLACE1008532//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 92N15, WORKING
 DRAFT SEQUENCE.//3.8e-24:257:70//Z93097
 F-PLACE1008533//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter, complete sequence.//1.0e-13:215:
 71//AC004997
 55 F-PLACE1008568//Human DNA sequence from PAC 388N15 on chromosome Xq21.1.//0.66:263:64//Z99571
 F-PLACE1008584//Homo sapiens cosmid clone U39B3 from Xp22.1-22.2, complete sequence.//1.1e-19:315:68//
 U73023
 F-PLACE1008603//Homo sapiens mRNA for KIAA0791 protein, complete cds.//1.2e-173:812:98//AB018334

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F-PLACE1008621//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//3.9e-09:198:71//AC005077

F-PLACE1008625//Homo sapiens chromosome 5, PAC clone 45L14 (LBNL H91), complete sequence.//0.68:568:59//AC005373

5 F-PLACE1008626//HS_3221_A2_F03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3221 Col=6 Row=K, genomic survey sequence.//1.7e-13:147:82//AQ180967

F-PLACE1008627//Cricetulus griseus mRNA for Zn finger factor.//9.7e-98:586:88//Y12836

F-PLACE1008629//CIT-HSP-201214.TR CIT-HSP Homo sapiens genomic clone 201214, genomic survey sequence.//0.00085:203:66//B53732

10 F-PLACE1008630//Sequence 26 from Patent WO9517522.//9.7e-05:97:80//A45356

F-PLACE1008643//Human mRNA for inter-alpha-trypsin inhibitor family heavy chain-related protein (IHRP), complete cds.//1.4e-23 :299:64//D38595

F-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds.//1.1e-133:622:99//AF044333

15 F-PLACE1008693//CIT-HSP-2346F2.TF CIT-HSP Homo sapiens genomic clone 2346F2, genomic survey sequence.//0.24:89:76//AQ060732

F-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//1.4e-94:420:97//AF038406

F-PLACE1008715//CIT-HSP-2294K20.TR CIT-HSP Homo sapiens genomic clone 2294K20, genomic survey sequence.//2.1e-70:349:98//AQ007199

20 F-PLACE1008748//Arabidopsis thaliana chromosome I BAC T14N5 genomic sequence, complete sequence.//0.14:347:59//AC004260

F-PLACE1008757//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence.//7.9e-25 :244:71//AC003037

25 F-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete cds.//4.5e-120:503:97//AF060543

F-PLACE1008798//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//0.00026:370:61//AF001549

F-PLACE1008807//CIT-HSP-2334B19.TF CIT-HSP Homo sapiens genomic clone 2334B19, genomic survey sequence.//3.3e-08:220:65//AQ036643

30 F-PLACE1008808//Homo sapiens exonuclease homolog RAD1 (RAD1) mRNA, complete cds.//1.7e-120:470:97//AF030933

F-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds.//2.8e-87:504:89//AF032668

F-PLACE1008851//Homo sapiens DNA sequence from PAC 163M9 on chromosome 1p35.1-p36.21. Contains protein synthesis factor (eIF-4C), D1F15S1A pseudogene, ESTs, STS, GSS, complete sequence.//4.0e-21:212:74//AL021920

35 F-PLACE1008854

F-PLACE1008867//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE.//4.7e-77:477:84//Z82209

F-PLACE1008887//Homo sapiens BAC clone NH0335J18 from 2, complete sequence.//3.4e-53:699:70//AC005539

40 F-PLACE1008902//Mouse G-alpha-13 protein mRNA, complete cds.//2.1e-06:164:68//M63660

F-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds.//6.4e-158:753:98//AB018308

F-PLACE1008925//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-A-180G2, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.00013:400:63//AC002042

45 F-PLACE1008934//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING DRAFT SEQUENCE.//7.4e-05:145:71//AL022312

F-PLACE1008941//Human zinc finger protein (ZNF141) mRNA, complete cds.//4.3e-41:282:87//L15309

F-PLACE1008947//Pseudorabies virus with upstream and downstream sequences.//5.9e-15:710:60//M34651

F-PLACE1009020//HS_3051_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=1 Row=P, genomic survey sequence.//1.9e-21:167:86//AQ253727

50 F-PLACE1009027//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like protease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence.//4.1e-152:763:97//AL031117

F-PLACE1009039//HS_2034_A2_F08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2034 Col=16 Row=K, genomic survey sequence.//0.17:252:59//AQ230137

55 F-PLACE1009045//HS_3185_B2_B03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3185 Col=6 Row=D, genomic survey sequence.//1.9e-34:260:86//AQ172861

F-PLACE1009048//Pig pituitary glycoprotein hormone alpha subunit gene, 5'flank and exon 1.//4.7e-70:463:80//D00766

F-PLACE1009050//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC li-
 brary) complete sequence.//0.63:280:61//AC004241
 F-PLACE1009060//Mus musculus mRNA for Alix (ALG-2-interacting protein X), complete CDS.//5.9e-113:725:85//
 AJ005073
 5 F-PLACE1009090//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1045J21, WORKING
 DRAFT SEQUENCE.//9.1e-27:222:84//AL021919
 F-PLACE1009091//Homo sapiens clone DJ0968I16, complete sequence.//0.027:630:58//AC006016
 F-PLACE1009094
 F-PLACE1009099//Mouse zinc finger protein (mkr4) mRNA, partial cds.//2.1e-85:726:76//M36515
 10 F-PLACE1009110
 F-PLACE1009111//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 138B7, WORKING
 DRAFT SEQUENCE.//6.0e-12:362:64//Z98752
 F-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds.//
 3.4e-138:671:97//AF035586
 15 F-PLACE1009130//Human mRNA for KIAA0032 gene, complete cds.//3.6e-23:718:59//D25215
 F-PLACE1009150//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE.//6.1e-
 142:684:98//AJ011929
 F-PLACE1009155//Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28, WORKING DRAFT SE-
 QUENCE.//4.3e-36:227:77//AP000031
 20 F-PLACE1009158//H.sapiens genomic sequence for ERCC2 gene 3'region involved in DNA excision repair.//1.0:
 173:60//X52222
 F-PLACE1009166
 F-PLACE1009172//Human BAC clone 7E17 from 12q, complete sequence.//4.0e-35:257:85//AC002070
 F-PLACE1009174//Homo sapiens Xp22 bins 16-17 BAC GSHB-531117 (Genome Systems Human BAC Library)
 25 complete sequence.//2.9e-19:288:72//AC004805
 F-PLACE1009183//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MHJ24, complete sequence.//
 0.053:388:60//AB008266
 F-PLACE1009186//Rattus norvegicus fracture callus 1 (FxC1) mRNA, complete cds.//1.8e-50:317:89//AF061242
 F-PLACE1009190//RPCI11-81N5.TJ RPCI11 Homo sapiens genomic clone R-81N5, genomic survey sequence.//
 0.91:114:67//AQ281881
 30 F-PLACE1009200//CITBI-E1-2509J16.TF CITBI-E1 Homo sapiens genomic clone 2509J16, genomic survey se-
 quence.//2.8e-44:175:83//AQ262198
 F-PLACE1009230//H.sapiens gene for pregnancy specific beta-1 glycoprotein.//1.1e-106:495:88//X63203
 F-PLACE1009246//HS_3058_B1_A06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 35 nomic clone Plate=3058 Col=11 Row=B, genomic survey sequence.//0.10:175:68//AQ185945
 F-PLACE1009298//Mus musculus maternal-embryonic 3 (Mem3) mRNA, complete cds.//1.8e-94:575:89//U47024
 F-PLACE1009308//Human clone mcag32 chromosome 7 CTG repeat region.//0.0017:350:62//U23862
 F-PLACE1009319//Homo sapiens post-synaptic density protein 95 (PSD95) mRNA, complete cds.//3.0e-06:411:
 59//U83192
 40 F-PLACE1009328//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191P20, WORKING
 DRAFT SEQUENCE.//5.7e-138:830:86//AL034399
 F-PLACE1009335//Human (lambda) DNA for immunoglobulin light chain.//0.071:253:62//D87015
 F-PLACE1009338//RPCI11-74N24 TV RPCI11 Homo sapiens genomic clone R-74N24, genomic survey se-
 45 quence.//2.4e-34:180:100//AQ268811
 F-PLACE1009368
 F-PLACE1009375
 F-PLACE1009388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1014D13, WORKING
 DRAFT SEQUENCE.//2.0e-37:288:84//AL022311
 F-PLACE1009398//Human DNA binding protein (HPF2) mRNA, complete cds.//4.3e-78:730:74//M27878
 50 F-PLACE1009404//SmD homolog [mice, liver, mRNA Partial, 199 nt].//0.16:95:71//S71494
 F-PLACE1009410//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//1.6e-150:701:
 99//AC005919
 F-PLACE1009434//Mus musculus clone OST431, genomic survey sequence.//2.9e-73:442:88//AF046700
 F-PLACE1009443//Mycobacterium tuberculosis H37Rv complete genome; segment 148/162.//0.012:582:56//
 55 AL022022
 F-PLACE1009444//Homo sapiens phosphatidylinositol 4-kinase 230 (pi4K230) mRNA, complete cds.//4.6e-21:
 146:93//AF012872
 F-PLACE1009459//Mus musculus clone OST9217, genomic survey sequence.//2.9e-31:264:81//AF046660

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F-PLACE1009468//Sequence 1 from patent US 5580968.//1.9e-83:567:84//130536
 F-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1, complete sequence.//1.9e-142:704:97//AC004531
 F-PLACE1009477//Human 11p14.3 PAC clone pDJ939m16, complete sequence.//2.2e-09:235:68//AC004601
 5 F-PLACE1009493//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//2.9e-83:171:92//U91321
 F-PLACE1009524//Homo sapiens DNA sequence from PAC 63G5 on chromosome 22q12.3-13.1. Contains part of a gene for a human SEC7 homolog B2-1 (cytohesin-2, Arno, ARF exchange factor) LIKE protein, an unknown gene and a gene coding for a Leucine rich protein. Contains ESTs, STSs and GSSs, complete sequence.//3.8e-69:175:92//Z94160
 10 F-PLACE1009539//Mus musculus synaptojanin 2 isoform alpha mRNA, complete cds.//7.0e-26:237:78//AF041862
 F-PLACE1009542//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene similar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS and a CpG island, complete sequence.//3.1e-10:126:79//AL031587
 15 F-PLACE1009571//RPC111-60K12.TK RPC111 Homo sapiens genomic clone R-60K12, genomic survey sequence.//1.4e-05:68:91//AQ195869
 F-PLACE1009581
 F-PLACE1009595//Homo sapiens chromosome 5, P1 clone 1029A7 (LBNL H15), complete sequence.//6.6e-19:309:70//AC003959
 20 F-PLACE1009596//Rattus norvegicus platelet-activating factor acetylhydrolase beta subunit (PAF-AH beta) gene, complete cds.//9.0e-09:485:59//AF016049
 F-PLACE1009607//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE.//4.9e-43:714:66//Z83824
 25 F-PLACE1009613//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.017:655:57//AC004157
 F-PLACE1009621
 F-PLACE1009622//HS-1016-B2-E08-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 791 Col=16 Row=J, genomic survey sequence.//2.7e-15:100:98//B33248
 30 F-PLACE1009637//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.63:130:67//AC005308
 F-PLACE1009639//S.pombe chromosome II cosmid c24E9.//0.86:509:58//AL021816
 F-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds.//1.4e-171:816:98//AB011159
 35 F-PLACE1009665//Homo sapiens chromosome 17, clone HCIT462L7, complete sequence.//3.4e-67:437:87//AC005177
 F-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.//2.5e-147:701:98//AF062534
 F-PLACE1009708//Homo sapiens clone DJ0935K16, complete sequence.//1.5e-98:228:100//AC006011
 F-PLACE1009721//Human Cosmid g0771a222 from 7q31.3, complete sequence.//2.2e-130:736:91//AC000109
 F-PLACE1009731//M.musculus mRNA for immunity associated protein 38.//1.1e-13:311:64//Y08026
 40 F-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds.//4.2e-125:602:98//AF046024
 F-PLACE1009794
 F-PLACE1009798//Hnman DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubi-quinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs, an STS and GSSs, complete sequence.//1.3e-73:271:84//AL030996
 45 F-PLACE1009845
 F-PLACE1009861//B.tauris cathepsin B mRNA, 3' end.//0.00023:147:65//M64620
 F-PLACE1009879//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 159A1, WORKING DRAFT SEQUENCE.//4.9e-27:725:63//AL034397
 50 F-PLACE1009886//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167A19, WORKING DRAFT SEQUENCE.//8.2e-12:135:82//AL031427
 F-PLACE1009888//F14G3-T7 IGF Arabidopsis thaliana genomic clone F14G3, genomic survey sequence.//0.0044:232:60//AQ251431
 55 F-PLACE1009908//S.pombe chromosome I cosmid c3F10.//1.5e-19:559:59//Z69369
 F-PLACE1009921//Homo sapiens cosmid clone HDAB (1S149) insert DNA, complete cosmid.//5.9e-48:304:87//M63005
 F-PLACE1009924//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-2011O4, WORKING DRAFT SE-

- QUENCE, 4 unordered pieces.//2.4e-51:481:78//AC004529
 F-PLACE1009925//nxb0027C22r CUGI Rice BAC Library Oryza sativa genomic clone nxb0027C22r, genomic survey sequence.//0.98:220:67//AQ272066
 F-PLACE1009935//Sequence 16 from patent US 5552281.//0.030:152:67//I25655
 5 F-PLACE1009947//Homo sapiens clone GS096J14, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.6e-12:322:67//AC006026
 F-PLACE1009971
 F-PLACE1009992//HS_3178_B1_F04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3178 Col=7 Row=L, genomic survey sequence.//4.9e-23:142:95//AQ150311
 10 F-PLACE1009995//Caenorhabditis elegans cosmid C01A2, complete sequence.//0.00019:231:64//Z81029
 F-PLACE1009997//Rattus norvegicus A-kinase anchoring protein AKAP 220 mRNA, complete cds.//7.9e-87:552:80//U48288
 F-PLACE1010023
 F-PLACE1010031//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence.//6.9e-101:181:98//AL031775
 15 F-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein.//2.3e-136:689:95//X84692
 F-PLACE1010069//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING DRAFT SEQUENCE.//0.0090:383:60//Z95114
 20 F-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//1.8e-166:792:98//AF065482
 F-PLACE1010076//Mouse mRNA for TGF-beta type I receptor, complete cds.//7.5e-13:203:77//D25540
 F-PLACE1010083//Homo sapiens mRNA for KIAA0456 protein, partial cds.//3.0e-152:727:98//AB007925
 F-PLACE1010089//HS_3111_A1_E08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3111 Col=15 Row=I, genomic survey sequence.//4.8e-07:124:78//AQ101268
 25 F-PLACE1010096//R.norvegicus mRNA for 100 kDa protein.//1.2e-108:700:85//X64411
 F-PLACE1010102//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.1e-07:476:60//AC005506
 F-PLACE1010105//Homo sapiens actin binding protein MAYVEN mRNA, complete cds.//3.8e-25:728:60//AF059569
 30 F-PLACE1010106//Human DNA sequence from PAC 127B14 on chromosome Xq22.//6.5e-25:488:63//Z93928
 F-PLACE1010134//S.pombe chromosome I cosmid c29B12.//1.9e-13:238:67//Z99164
 F-PLACE1010148//Homo sapiens partial human cDNA (660 bp).//4.8e-83:409:98//AJ222636
 F-PLACE1010152//CIT-HSP-2381F24.TF CIT-HSP Homo sapiens genomic clone 2381F24, genomic survey sequence.//1.5e-28:163:98//AQ196757
 35 F-PLACE1010181//Homo sapiens PAC clone DJ1139I01 from Xq23, complete sequence.//2.4e-15:197:72//AC004973
 F-PLACE1010194//Ictiurus punctatus tumor suppressor p53 mRNA, complete cds.//3.0e-14:181:74//AF074967
 F-PLACE1010202//Homo sapiens mRNA for MBNL protein.//1.2e-27:509:66//Y13829
 40 F-PLACE1010231//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 287G14, WORKING DRAFT SEQUENCE.//2.3e-101:194:95//AL033377
 F-PLACE1010261//Homo sapiens mRNA for KIAA0448 protein, complete cds.//5.8e-145:693:97//AB007917
 F-PLACE1010270//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence; WORKING DRAFT SEQUENCE, 2 unordered pieces.//2.1e-05:347:60//AC004710
 45 F-PLACE1010274//Caenorhabditis elegans cosmid C01A2, complete sequence.//0.00040:231:64//Z81029
 F-PLACE1010293//Homo sapiens chromosome 2 PAC RPCI3-417E16 (Roswell Park Cancer Institute Human PAC library) complete sequence.//6.5e-25:344:70//AC004464
 F-PLACE1010310//Homo sapiens DNA sequence from PAC 329E20 on chromosome 1p34.4-36.13. Contains endothelin-converting-enzyme 1 (ECE-1), EST, STS, CA repeat, complete sequence.//3.5e-10:185:67//AL031005
 50 F-PLACE1010321//Human DNA sequence from clone 299D3 on chromosome 22q13.3, complete sequence.//0.010:524:58//Z84468
 F-PLACE1010324//CIT-HSP-2335J21.TR CIT-HSP Homo sapiens genomic clone 2335J21, genomic survey sequence.//9.1e-90:448:97//AQ041837
 F-PLACE1010329//Apis mellifera ligustica complete mitochondrial genome.//2.8e-08:384:64//L06178
 55 F-PLACE1010341//HS-1047-A2-C04-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 830 Col=8 Row=E, genomic survey sequence.//4.1e-21:141:92//B38252
 F-PLACE1010362//Mycobacterium tuberculosis H37Rv complete genome; segment 155/162.//0.94:398:57//AL022121

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F-PLACE1010364//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y102G3, WORKING DRAFT SEQUENCE.//0.11:404:56//AL020985

F-PLACE1010383//Homo sapiens chromosome 17, clone hCIT.186_H_2, complete sequence.//0.066:88:76//AC004675

5 F-PLACE1010401//CIT-HSP-2367K17.TR CIT-HSP Homo sapiens genomic clone 2367K17, genomic survey sequence.//2.4e-71:454:88//AQ076825

F-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds.//7.5e-134:722:93//AF003927

F-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds.//2.2e-150:702:99//AF039081

F-PLACE1010492

10 F-PLACE1010522//Homo sapiens cosmid LM1937 from Xq28.//0.022:405:60//U82695

F-PLACE1010529//Sequence 1 from patent US 5776717.//2.9e-145:684:98//AR016417

F-PLACE1010547//Human DNA sequence from clone 790B6 on chromosome 20p11.22-12.2. Contains STSs and GSSs, complete sequence.//1.0:283:61//AL031677

F-PLACE1010562//RPCI11-65I16.TK RPCI11 Homo sapiens genomic clone R-65I16, genomic survey sequence.//0.017:216:67//AQ200831

15 F-PLACE1010579//Homo sapiens full-length insert cDNA Y123D12.//3.9e-19:147:89//AF075014

F-PLACE1010580//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete cds.//6.4e-96:559:89//L25125

F-PLACE1010599//Homo sapiens peroxisomal membrane anchor protein HsPex14p (PEX14) mRNA, complete cds.//3.1e-146:707:97//AF045186

20 F-PLACE1010616//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.045:454:59//AC005308

F-PLACE1010622//Plasmodium falciparum MAL3P2, complete sequence.//9.1e-07:378:60//AL034558

F-PLACE1010624//Streptomyces coelicolor cosmid 5A7.//1.4e-05:518:61//AL031107

25 F-PLACE1010628//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//5.0e-137:675:97//AC004846

F-PLACE1010629//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-259H10, complete sequence.//2.5e-17:187:80//AC004682

F-PLACE1010630//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K21P3, complete sequence.//0.21:159:64//AB016872

30 F-PLACE1010631//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//1.2e-144:720:97//AC005069

F-PLACE1010661

F-PLACE1010662//Arabidopsis thaliana DNA chromosome 4, BAC clone F7J7 (ESSA project).//0.90:257:61//AL021960

35 F-PLACE1010702//Human repressor transcriptional factor (ZNF85) mRNA, complete cds.//3.3e-73:697:74//U35376

F-PLACE1010714//Human Chromosome 15q11-q13 PAC clone pDJ778a2, complete sequence.//0.010:447:59//AC004583

40 F-PLACE1010720//Mouse TPA-induced TIS11 mRNA.//2.0e-86:535:88//X14678

F-PLACE1010739//HS_2013_B2_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2013 Col=20 Row=D, genomic survey sequence.//5.7e-87:435:97//AQ235864

F-PLACE1010743//R.norvegicus mRNA for myr5.//1.7e-87:582:85//X77609

F-PLACE1010761//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//4.7e-45:235:99//AC005921

45 F-PLACE1010771//M.musculus HCNGP mRNA.//1.6e-135:801:88//X68061

F-PLACE1010786//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-15, complete sequence.//0.35:334:60//AL010221

F-PLACE1010800//RPCI11-79H17.TV RPCI11 Homo sapiens genomic clone R-79H17, genomic survey sequence.//5.8e-18:168:82//AQ284252

50 F-PLACE1010802//Human Chromosome X clone bWXD531, complete sequence.//1.6e-30:693:63//AC004384

F-PLACE1010811//RPCI11-51N5.TK RPCI11 Homo sapiens genomic clone R-51N5, genomic survey sequence.//8.3e-11:142:78//AQ052380

F-PLACE1010833//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467K16, WORKING DRAFT SEQUENCE.//7.3e-40:147:88//AL031283

55 F-PLACE1010856//M.musculus mRNA for utrophin.//7.3e-17:150:86//Y12229

F-PLACE1010857//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 11/11.//1.4e-94:422:95//AB020868

F-PLACE1010870//M.musculus mRNA for ZT3 zinc finger factor.//1.3e-93:530:90//Z67747
 F-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds.//1.1e-147:694:98//AB011182
 F-PLACE1010891
 F-PLACE1010896//Mouse BAC mbac20 from 14D1-D2 (T-Cell Receptor Alpha Locus), complete sequence.//3.9e-26:394:68//AC003997
 5 F-PLACE1010900
 F-PLACE1010916//HS_2242_A1_C04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2242 Col=7 Row=E, genomic survey sequence.//1.0e-78:391:97//AQ146687
 F-PLACE1010917
 10 F-PLACE1010925//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.11:629:56//AC004688
 F-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds.//9.5e-138:653:98//AB011126
 F-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds.//5.6e-90:437:98//AF064243
 F-PLACE1010944//Homo sapiens full-length insert cDNA clone ZD38E12.//1.4e-09:208:68//AF086247
 15 F-PLACE1010947
 F-PLACE1010954//CIT-HSP-2283D9.TR CIT-HSP Homo sapiens genomic clone 2283D9, genomic survey sequence.//2.1e-29:190:91//B98965
 F-PLACE1010960//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-52, complete sequence.//0.00074:421:60//AL010226
 20 F-PLACE1010965//CIT-HSP-2386K24:TF.1 CIT-HSP Homo sapiens genomic clone 2386K24, genomic survey sequence.//1.8e-84:412:99//AQ240696
 F-PLACE1011026//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete sequence.//0.00037:257:64//AL008972
 F-PLACE1011032//Homo sapiens chromosome 5, BAC clone 118L13 (LBNL H176), complete sequence.//3.8e-06:315:65//AC005348
 25 F-PLACE1011041//Human Fas-ligand associated factor 3 mRNA, partial cds.//1.5e-56:286:98//U70669
 F-PLACE1011046//Rat phospholipase C-1 mRNA, complete cds.//1.3e-24:278:76//M20636
 F-PLACE1011054//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 981L23, WORKING DRAFT SEQUENCE.//3.8e-27:196:84//AL031686
 30 F-PLACE1011056//Ovis aries bactinecin 11 (Bac11) gene, exon 4, and complete cds.//5.4e-06:182:67//U77049
 F-PLACE1011057//protein kinase PRK2 [human, DX3 B-cell myeloma cell line, mRNA, 3255 nt].//3.2e-31:169:100//S75548
 F-PLACE1011090//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 998H6, WORKING DRAFT SEQUENCE.//5.1e-80:479:89//AL031687
 35 F-PLACE1011109//Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.//2.3e-24:192:84//L14684
 F-PLACE1011114//S.cerevisiae chromosome XI reading frame ORF YKR024c.//1.4e-14:346:60//Z28249
 F-PLACE1011133//T7E9-T7.1 TAMU Arabidopsis thaliana genomic clone T7E9, genomic survey sequence.//0.010:345:60//B19698
 40 F-PLACE1011143//CIT-HSP-2375J10.TR CIT-HSP Homo sapiens genomic clone 2375J10, genomic survey sequence.//0.00013:95:76//AQ109305
 F-PLACE1011160//Homo sapiens PAC clone DJ0808A01 from 7q21.1-q31.1, complete sequence.//3.7e-111:692:87//AC004893
 F-PLACE1011165//H.sapiens galactokinase (GK2) mRNA, complete cds.//8.4e-31:194:92//M84443
 45 F-PLACE1011185//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-249B10, complete sequence.//3.1e-43:447:72//AC002288
 F-PLACE1011203//Homo sapiens chromosome 18q11 beta-1,4-galactosyltransferase mRNA, complete cds.//3.3e-124:584:99//AF038664
 F-PLACE1011214//HS_2046_A2_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2046 Col=2 Row=C, genomic survey sequence.//2.0e-39:346:81//AQ305965
 50 F-PLACE1011219
 F-PLACE1011221//CITBI-E1-2513F18.TR CITBI-E1 Homo sapiens genomic clone 2513F18, genomic survey sequence.//2.4e-20:119:100//AQ279801
 F-PLACE1011229//Homo sapiens mRNA for KIAA0529 protein, partial cds.//4.4e-146:675:99//AB011101
 55 F-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.7e-42:212:84//AC005014
 F-PLACE1011273//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y37D8, WORKING DRAFT SEQUENCE.//1.0:214:60//Z92819

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F-PLACE1011291//RPCI11-16P9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-16P9, genomic survey sequence.//8.0e-08:66:98//B81770

F-PLACE1011296//Homo sapiens chromosome 16, cosmid clone 443G8 (LANL), complete sequence.//0.027:135:67//AC004647

5 F-PLACE1011310//H.sapiens CpG island DNA genomic Mse1 fragment, clone 53c10, reverse read cpg53c10.rt1b.//1.4e-05:57:100//Z61496

F-PLACE1011325//Human immunodeficiency virus type 1 (D9) proviral structural capsid protein (gag) gene, partial cds.//0.077:193:60//L02290

10 F-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//3.1e-150:699:99//AF102265

F-PLACE1011340//Homo sapiens chromosome 17, clone hRPK.388_F_14, complete sequence.//2.4e-38:186:83//AC005375

F-PLACE1011371//Mus musculus PK-120 precursor (itih-4) mRNA, complete cds.//6.0e-35:689:63//AF023919

F-PLACE1011375//Mus musculus Kv3.4 gene, exon 4.//6.0e-88:584:86//AJ010310

15 F-PLACE1011399//paramecium species 7,325 mt dna dimer: replication init. region.//0.00011:255:63//K00919

F-PLACE1011419//Homo sapiens chromosome 21 PAC LLNLP704G1150Q13.//0.067:337:62//AJ006996

F-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds.//4.6e-157:743:98//AB011102

F-PLACE1011452//Homo sapiens *** SEQUENCING IN PROGRESS ***, WORKING DRAFT SEQUENCE.//1.1e-53:557:73//AJ011929

20 F-PLACE1011465//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//3.5e-71:498:80//AC004605

F-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds.//4.8e-151:703:99//AB018255

F-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//5.2e-145:675:99//AF065482

F-PLACE1011492//Ray (T.californica) acetylcholine receptor beta-subunit mRNA.//1.0:448:59//J00964

25 F-PLACE1011503

F-PLACE1011520//Homo sapiens clone DJ1119N05, complete sequence.//3.8e-147:692:99//AC004968

F-PLACE1011563//R.norvegicus mRNA for leucocyte common antigen-related protein (3941 bp).//0.00036:296:61//X83546

F-PLACE1011567//Homo sapiens PAC clone DJ1164K10 from 7p21-p22, complete sequence.//1.1e-38:315:82//AC004984

30 F-PLACE1011576//Homo sapiens hematopoietic cell derived zinc finger protein mRNA, complete cds.//1.3e-65:268:86//AF054180

F-PLACE1011586//Homo sapiens chromosome 17, clone HRPC890E16, complete sequence.//2.0e-82:188:96//AC004477

35 F-PLACE1011635//Homo sapiens chromosome 17, clone hRPK.214_O_1, complete sequence.//1.8e-153:752:97//AC005224

F-PLACE1011641//Homo sapiens T-cell receptor alpha delta locus from bases 501613 to 752736 (section 3 of 5) of the Complete Nucleotide Sequence.//4.8e-05:190:67//AE000660

F-PLACE1011643//Alcaligenes eutrophus phaP gene.//0.16:466:59//X85729

40 F-PLACE1011646//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1013A10, WORKING DRAFT SEQUENCE.//9.1e-19:156:76//AL033383

F-PLACE1011649

F-PLACE1011650//Homo sapiens retinol dehydrogenase gene, complete cds.//6.4e-09:172:74//AF037062

F-PLACE1011664//D.melanogaster crn mRNA.//1.1e-52:650:68//X58374

45 F-PLACE1011675//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.11:443:58//AC005507

F-PLACE1011682//Human DNA sequence from clone 342B11 on chromosome 22q12.1-12.3. Contains ESTs and a GSS, complete sequence.//0.31:127:71//AL008719

F-PLACE1011719//Human BAC clone RG369K23 from 7q31, complete sequence.//4.6e-52:461:77//AC002487

50 F-PLACE1011725

F-PLACE1011729//Human Chromosome 15q11-q13 clone pDJ276c12 from the Prader-Willi/Angelman syndrome region, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.011:320:62//AC004737

F-PLACE1011749//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.00031:544:59//AC004157

55 F-PLACE1011762//Homo sapiens BAC clone RG437L15 from 8q21, complete sequence.//2.4e-115:682:90//AC004003

F-PLACE1011778//RPCI11-22D17.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-22D17, genomic survey sequence.//2.7e-114:611:93//AQ008944

F-PLACE1011783//CIT-HSP-2317N1.TF CIT-HSP Homo sapiens genomic clone 2317N1, genomic survey sequence.//2.3e-17:120:94//AQ042330
 F-PLACE1011858//Gallus domesticus filamin mRNA, complete cds.//4.1e-24:565:64//U00147
 F-PLACE1011874//Homo Sapiens Chromosome X clone bWDX312, complete sequence.//2.5e-141:678:98//AC004478
 F-PLACE1011875//Homo sapiens mRNA for KIAA0580 protein, partial cds.//1.6e-108:526:98//AB011152
 F-PLACE1011891//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 439F8, WORKING DRAFT SEQUENCE.//0.0014:330:62//AL021392
 F-PLACE1011896//Mus musculus Wnt10a mRNA, complete cds.//1.4e-89:678:82//U61969
 F-PLACE1011922//Caprine arthritis-encephalitis virus envelope glycoprotein (env) gene, partial cds.//0.069:246:61//U81400
 F-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds.//1.2e-138:664:98//AF059617
 F-PLACE1011962//HS_3212_B2_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3212 Col=24 Row=N, genomic survey sequence.//2.4e-07:154:74//AQ175369
 F-PLACE1011964//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 322P7, WORKING DRAFT SEQUENCE.//3.7e-22:369:69//AL023799
 F-PLACE1011982//HS-1041-A1-B01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 823 Col=1 Row=C, genomic survey sequence.//0.44:309:58//B36529
 F-PLACE1011995//Homo sapiens Xq28 BAC RPC11-382P7 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//8.8e-53:687:71//AC006054
 F-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds.//1.2e-146:690:98//AB018256
 F-PLACE2000003//Homo sapiens chromosome 17, clone hRPK.318_A_15, complete sequence.//1.7e-62:293:88//AC005837
 F-PLACE2000006//Homo sapiens chromosome 12p13.3 clone RPC11-96H9, WORKING DRAFT SEQUENCE, 66 unordered pieces.//1.4e-116:261:91//AC006057
 F-PLACE2000007
 F-PLACE2000011//Homo sapiens chromosome 19, cosmid F20887, complete sequence.//5.2e-102:489:99//AC005578
 F-PLACE2000014//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1111N9, WORKING DRAFT SEQUENCE.//0.0095:307:62//AL022574
 F-PLACE2000015//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.0e-36:316:81//AC005069
 F-PLACE2000017//HS_3042_A1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3042 Col=15 Row=K, genomic survey sequence.//1.0:184:61//AQ098074
 F-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, complete cds.//4.6e-84:844:72//AF082556
 F-PLACE2000030//Human Chromosome 11 Cosmid cSRL16b6, complete sequence.//2.3e-22:233:77//U73638
 F-PLACE2000033//C.capitata mRNA for chorion protein s18.//0.0019:342:62//Y08913
 F-PLACE2000034//Rattus norvegicus transmembrane receptor Robo1 mRNA, complete cds.//2.8e-13:335:63//AF041082
 F-PLACE2000039//Rattus norvegicus cytoplasmic dynein heavy chain (MAP 1C), mRNA, complete cds.//7.7e-84:489:90//L08505
 F-PLACE2000047//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//5.0e-28:327:76//U95626
 F-PLACE2000050//Homo sapiens chromosome 17, clone HRPC41C23, complete sequence.//1.1e-32:527:68//AC003101
 F-PLACE2000061//CIT-HSP-2346L20.TF CIT-HSP Homo sapiens genomic clone 2346L20, genomic survey sequence.//1.1e-05:89:83//AQ059010
 F-PLACE2000062//Human membrane-associated lectin type-C mRNA.//9.0e-113:662:86//M98457
 F-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//2.2e-133:631:98//AF027219
 F-PLACE2000097//Homo sapiens chromosome 12p13.3 clone RPC11-189M20, WORKING DRAFT SEQUENCE, 39 unordered pieces.//1.6e-16:119:93//AC005910
 F-PLACE2000100//HS_3184_A1_D06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3184 Col=11 Row=G, genomic survey sequence.//1.5e-80:409:97//AQ150004
 F-PLACE2000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING DRAFT SEQUENCE.//1.0e-172:830:98//AL031848
 F-PLACE2000111//Homo sapiens DNA, trinucleotide repeats region.//1.0:200:64//AB018491
 F-PLACE2000115

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F-PLACE2000124//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1, complete sequence.//6.2e-43:362:80//AC004531

F-PLACE2000132//RPCI11-79F15.TV RPCI11 Homo sapiens genomic clone R-79F15, genomic survey sequence.//5.4e-35:206:94//AQ284166

5 F-PLACE2000136//Human BAC clone 7E17 from 12q, complete sequence.//2.7e-12:814:59//AC002070

F-PLACE2000140//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 11703, WORKING DRAFT SEQUENCE.//3.6e-165:799:97//AL020995

F-PLACE2000164//Canine histamine H2 receptor gene, complete cds.//0.10:392:56//M32701

F-PLACE2000170

10 F-PLACE2000172//Homo sapiens PAC clone DJ0811017 from 7q21-22, complete sequence.//3.9e-91:552:88//AC006005

F-PLACE2000176//Homo sapiens Chromosome 22q11.2 BAC Clone b437g10 In BCRL2-GGT Region, complete sequence.//0.98:201:64//AC004032

F-PLACE2000187

15 F-PLACE2000216

F-PLACE2000223//RPCI11-12L17.TP RPCI-11 Homo sapiens genomic clone RPCI-11-12L17, genomic survey sequence.//0.00039:325:58/B75888

F-PLACE2000235//Human Chromosome 16 BAC clone CIT987SK-254P9, complete sequence.//7.5e-55:237:78//AC003003

20 F-PLACE2000246//Homo sapiens chromosome 3p clone RPCI4-544D10, WORKING DRAFT SEQUENCE, 58 unordered pieces.//2.4e-92:236:94//AC005902

F-PLACE2000264//Human DNA sequence from clone 391022 on chromosome 6p21.2-21.31 Contains pseudo-genes similar to ribosomal protein, ESTs, GSSs, complete sequence.//1.4e-32:331:78//AL031577

F-PLACE2000274//Anthocidaris crassispina mRNA for B2HC, partial cds.//8.5e-48:765:66//AB012308

25 F-PLACE2000302//Kaposi's sarcoma-associated herpes-like virus ORF73 homolog gene, complete cds.//8.3e-08:662:58//US2064

F-PLACE2000305//Homo sapiens clone DJ1129L24, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.4e-08:95:81//AC006021

F-PLACE2000317//HS_3183_B2_F05_MR CIT Approved Human Genomic Sperm-Library D Homo sapiens genomic clone Plate=3183 Col=10 Row=L, genomic survey sequence.//2.5e-71:346:99//AQ172747

30 F-PLACE2000335//Homo sapiens clone DJ1032D07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.7e-14:402:65//AC004952

F-PLACE2000341//Rattus norvegicus sodium-dependent multi-vitamin transporter (SMVT) mRNA, complete cds.//4.5e-77:555:82//AF026554

35 F-PLACE2000342//Suid herpesvirus 1 UL5 gene, partial cds, UL6 and UL7 genes, complete cds, UL8 gene, partial cds.//1.8e-14:259:71//U66829

F-PLACE2000347//Human DNA from overlapping chromosome 19-specific cosmid R32543,, and F15613 containing ZNF gene family member, genomic sequence, complete sequence.//6.0e-34:376:74//AC003006

F-PLACE2000359//RPCI11-23J20.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-23J20, genomic survey sequence.//8.4e-21:288:69//AQ013849

40 F-PLACE2000366//Human Tigger1 transposable element, complete consensus sequence.//5.0e-114:692:80//U49973

F-PLACE2000371//Homo sapiens 12p13.3 PAC RPCI1-29K11 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.38:356:58//AC005182

45 F-PLACE2000373//RPCI11-49C18.TJ RPCI11 Homo sapiens genomic clone R-49C18, genomic survey sequence.//0.064:132:68//AQ051776

F-PLACE2000379//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete sequence.//1.6e-130:776:88//AC003658

F-PLACE2000394//Homo sapiens chromosome 18 BAC RPCI11-128D14 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//5.4e-113:808:83//AC005909

50 F-PLACE2000398//Mouse hexamer repeat sequence (117) homologous to Drosophila 'period' gene.//0.87:286:63//X06967

F-PLACE2000399

F-PLACE2000404//Caenorhabditis elegans cosmid R74, complete sequence.//2.9e-59:532:68//Z36238

55 F-PLACE2000411//Acanthamoeba castellanii transformation-sensitive protein homolog mRNA, complete cds.//0.44:553:56//U89984

F-PLACE2000419//Human adenosine deaminase (ADA) gene, complete cds.//1.4e-56:303:86//M13792

F-PLACE2000425//HS_3047_A1_H05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

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nomic clone Plate=3047 Col=9 Row=O, genomic survey sequence.//2.8e-42:224:97//AQ126949
 F-PLACE2000427
 F-PLACE2000433//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//1.1e-19:363:67//AC005821
 5 F-PLACE2000435//HS_3036_B1_F11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3036 Col=21 Row=L, genomic survey sequence.//3.1e-06:184:66//AQ096999
 F-PLACE2000438//Caenorhabditis elegans cosmid Y45F10D, complete sequence.//4.6e-23:550:62//AL021492
 F-PLACE2000450//Homo sapiens PAC clone DJ1188N21 from 7q11.23-q21.1, complete sequence.//1.0e-78:604:80//AC006025
 10 F-PLACE2000455//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//8.2e-05:330:63//AC002300
 F-PLACE2000458//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//5.7e-168:816:97//AC005740
 F-PLACE2000465//Human Chromosome 11 Overlapping Cosmids cSRL72g7 and cSRL140b8, complete sequence.//4.3e-33:296:79//AC002037
 15 F-PLACE2000477//Homo sapiens clone RG052H06, WORKING DRAFT SEQUENCE, 11 unordered pieces.//3.4e-59:598:74//AC005057
 F-PLACE3000004//Human EYA3 homolog (EYA3) mRNA, complete cds.//7.6e-49:361:84//U81602
 F-PLACE3000009//Human placenta (Diff48) mRNA, complete cds.//3.0e-58:713:69//U49187
 20 F-PLACE3000020//R.norvegicus type III adenylyl cyclase mRNA, complete cds.//6.1e-103:600:89//M55075
 F-PLACE3000029
 F-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//4.4e-115:718:86//Y17267
 F-PLACE3000070//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//1.8e-17:250:74//AC005368
 25 F-PLACE3000103//Caenorhabditis elegans cosmid C13F10.//4.6e-07:408:61//U97006
 F-PLACE3000119//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0190L06; HTGS phase 1, WORKING DRAFT SEQUENCE, 21 unordered pieces.//1.5e-58:291:86//AC004670
 F-PLACE3000121//Rattus norvegicus rsec15 mRNA, complete cds.//8.1e-81:837:71//AF032668
 F-PLACE3000124//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//1.8e-48:330:79//AC005695
 30 F-PLACE3000136
 F-PLACE3000142//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE.//0.011:294:62//AL033520
 F-PLACE3000145//Gallus gallus tensin mRNA, 3' end.//6.9e-52:659:68//L06662
 35 F-PLACE3000147//Human DNA sequence from clone 267M20 on chromosome Xq22.2-22.3. Contains part of the DIAPH2 gene and a pseudogene, ESTs, STSs and GSSs, complete sequence.//5.1e-37:305:81//AL031053
 F-PLACE3000148//Homo sapiens chromosome Y, clone 47511, complete sequence.//4.7e-32:766:63//AC004474
 F-PLACE3000155//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//7.4e-173:822:98//AC005277
 40 F-PLACE3000156//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and R32804, complete sequence.//2.2e-81:783:74//AC003682
 F-PLACE3000157
 F-PLACE3000158//, complete sequence.//1.0e-180:845:97//AC005500
 F-PLACE3000160//CIT978SK-152K7.TV CIT978SK Homo sapiens genomic clone 152K7, genomic survey sequence.//0.080:259:59//B50878
 45 F-PLACE3000169//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//9.8e-158:749:98//AC006130
 F-PLACE3000194
 F-PLACE3000197//F.rubripes GSS sequence, clone 075N04bB7, genomic survey sequence.//1.4e-08:164:68//AL003352
 50 F-PLACE3000199//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//0.0019:277:58//Z82207
 F-PLACE3000207//Homo sapiens BAC clone GS165L15 from 7p15, complete sequence.//6.6e-21:312:67//AC005013
 55 F-PLACE3000208//Homo sapiens (clones: CW52-2, CW27-6, CW15-2, CW26-5, 11-67) collagen type VII intergenic region and (COL7A1) gene, complete cds.//1.0:279:61//L23982
 F-PLACE3000218//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//9.3e-43:383:79//AC004086

F-PLACE3000220//RPCI11-54B4.TV RPCI11 Homo sapiens genomic clone R-54B4, genomic survey sequence.//
 2.4e-36:381:76//AQ082056
 F-PLACE3000221//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6 unordered pieces//7.2e-
 135:721:91//AC005231
 5 F-PLACE3000226
 F-PLACE3000230//Homo sapiens c1cr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds,
 and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//3.3e-80:498:78//U95626
 F-PLACE3000242//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-
 Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene
 10 and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and ge-
 nomic marker DXS8032, complete sequence.//2.6e-54:254:92//Z98046
 F-PLACE3000244//M.musculus mRNA for 200 kD protein.//1.4e-139:850:86//X80169
 F-PLACE3000254//Ateline herpesvirus 3 complete genome.//1.3e-10:399:61//AF083424
 F-PLACE3000271//Human Chromosome 16 BAC clone CIT987SK-A-815A9, complete sequence.//1.8e-21:350:
 15 68//AF001548
 F-PLACE3000276//HS_2026_B1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2026 Col=21 Row=P, genomic survey sequence.//5.7e-45:376:81//AQ231147
 F-PLACE3000304//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//1.6e-138:650:99//
 AC005328
 20 F-PLACE3000310
 F-PLACE3000320//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING
 DRAFT SEQUENCE.//1.9e-41:379:77//AL034379
 F-PLACE3000322//Homo sapiens chromosome 17, clone hRPK.209_J_20, complete sequence.//3.3e-35:419:
 68//AC005822
 25 F-PLACE3000331//CIT-HSP-2347D24.TR CIT-HSP Homo sapiens genomic clone 2347D24, genomic survey se-
 quence.//2.7e-20:119:99//AQ061543
 F-PLACE3000339//Rhodobacter sphaeroides magnesium chelatase subunits Bchl (bchl) and BchD (bchD) genes,
 complete cds; and BchO (bchO) gene, partial cds.//0.99:310:58//AF017642
 F-PLACE3000341//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human PAC
 30 Library) complete sequence.//7.5e-159:752:98//AC006055
 F-PLACE3000350//Rattus norvegicus serine/threonine protein kinase TAO1 mRNA, complete cds.//2.3e-107:592:
 92//AF084205
 F-PLACE3000352//Human DNA sequence from PAC 293L6 on chromosome 22, complete sequence.//2.1e-37:
 480:70//Z83732
 35 F-PLACE3000353
 F-PLACE3000362//Homo sapiens chromosome 17, clone hRPK.215_P_18, complete sequence.//0.00011:373:
 60//AC005969
 F-PLACE3000363
 F-PLACE3000365//Human DNA sequence from PAC 227P17, between markers DXS6791 and DXS8038 on chro-
 40 mosome X contains CpG island, EST.//0.074:279:61//Z81007
 F-PLACE3000373//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE
 LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.
 Contains polymorphic CA repeat.//2.8e-118:653:92//Z92545
 F-PLACE3000388//Homo sapiens PAC clone DJ0777023 from 7p14-p15, complete sequence.//2.2e-25:288:71//
 45 AC005154
 F-PLACE3000399//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 466N1, WORKING
 DRAFT SEQUENCE.//2.3e-69:303:86//Z97630
 F-PLACE3000400//Caenorhabditis elegans cosmid H03A11, complete sequence.//0.0063:435:58//Z93239
 F-PLACE3000401//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//
 50 5.8e-25 :292:73//AC006023
 F-PLACE3000402//RPCI11-20D6.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-20D6, genomic survey
 sequence.//1.1e-10:154:74//AQ008761
 F-PLACE3000405//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//2.9e-41:515:
 72//AC005701
 55 F-PLACE3000406//cSRL-179E11-u cSRL flow sorted Chromosome 11 specific cosmid Homosapiens genomic
 clone cSRL-179E11, genomic survey sequence.//2.8e-91:540:89//B03443
 F-PLACE3000413
 F-PLACE3000416//F19L8-Sp6 IGF Arabidopsis thaliana genomic clone F19L8, genomic survey sequence.//

0.0018:664:55//B11305
 F-PLACE3000425//Human DNA sequence from clone 231L4 on chromosome Xq27.1-27.3 Contains GSS, STS, complete sequence.//1.1e-16:284:70//AL022719
 F-PLACE3000455//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE.//3.6e-146:732:96//AL031284
 5 F-PLACE3000475//HS_2164_A2_H10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2164 Col=20 Row=O, genomic survey sequence.//1.5e-07:159:71//AQ132983
 F-PLACE3000477//Human DNA sequence from PAC 368A4 on chromosome X. Contains ESTs, CELLULAR NUCLEIC ACID BINDING PROTEIN (CNBP) like gene and STSs.//2.9e-11:213:70//Z83843
 10 F-PLACE4000009//Sequence 93 from patent US 5616500.//9.9e-08:692:60//I39845
 F-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds.//1.1e-116:331:100//AB018352
 F-PLACE4000034//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12, complete sequence.//5.0e-05:244:63//AC004131
 F-PLACE4000049//Homo sapiens Xp22-171-173 BAC GSHB-312I4 (Genome Systems Human BAC Library) complete sequence.//1.2e-37:385:74//AC005926
 15 F-PLACE4000052//M.musculus abcl mRNA.//1.5e-110:671:88//X75926
 F-PLACE4000063
 F-PLACE4000089//M.musculus BOX DNA for regulatory element and promoter region related to EC cell differentiation.//3.7e-12:114:85//X74311
 20 F-PLACE4000093//CIT-HSP-2380K5.TF CIT-HSP Homo sapiens genomic clone 2380K5, genomic survey sequence.//0.11:245:60//AQ108342
 F-PLACE4000100//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING DRAFT SEQUENCE.//2.9e-19:384:65//AL031848
 F-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds.//1.2e-145:684:99//AB007931
 25 F-PLACE4000128//Mus musculus putative transcription factor mRNA, complete cds.//3.7e-62:541:78//AF091234
 F-PLACE4000129
 F-PLACE4000131//HS_3139_B2_F12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3139 Col=24 Row=L, genomic survey sequence.//2.3e-14:221:70//AQ183207
 F-PLACE4000147//Human DNA sequence from clone 740A11 on chromosome Xq22.2-23. Contains part of the COL4A5 gene for Collagen Alpha 5(IV) Chain Precursor. Contains GSSs, complete sequence.//0.28:412:58//AL031622
 30 F-PLACE4000156//Human zinc finger protein ZNF136.//7.2e-88:764:76//U09367
 F-PLACE4000192
 F-PLACE4000211
 35 F-PLACE4000222//344J1.TVB CIT978SKA1 Homo sapiens genomic clone A-344J01, genomic survey sequence.//1.2e-14:177:76//B17158
 F-PLACE4000230//Mus musculus semaphorin VIa mRNA, complete cds.//9.8e-116:662:89//AF030430
 F-PLACE4000233//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//5.2e-54:363:70//AC003973
 40 F-PLACE4000247
 F-PLACE4000250//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//0.0053:229:65//AC004673
 F-PLACE4000252
 F-PLACE4000259//H.sapiens gene for U5 snRNP-specific 200kD protein.//2.0e-25:191:87//Z70200
 45 F-PLACE4000261//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//2.6e-23:314:71//AF084259
 F-PLACE4000269//Rattus norvegicus rexo70 mRNA, complete cds.//5.5e-122:734:88//AF032667
 F-PLACE4000270
 F-PLACE4000300
 50 F-PLACE4000320//Human FKBP-rapamycin associated protein (FRAP) mRNA, complete cds.//1.4e-21:135:96//L34075
 F-PLACE4000323//HS_2165_B1_B02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2165 Col=3 Row=D, genomic survey sequence.//4.3e-08:170:71//AQ125036
 F-PLACE4000326//Mouse DNA with homology to EBV IR3 repeat, segment 1, clone Mu2.//2.8e-06:311:63//M10296
 55 F-PLACE4000344//Plasmodium falciparum chromosome 2, section 38 of 73 of the complete sequence.//0.014:252:60//AE001401
 F-PLACE4000367

F-PLACE4000369
 F-PLACE4000379//CIT-HSP-2350B9.TF CIT-HSP Homo sapiens genomic clone 2350B9, genomic survey sequence.//9.2e-46:282:86//AQ062661
 F-PLACE4000387//CIT-HSP-2382F11.TR CIT-HSP Homo sapiens genomic clone 2382F11, genomic survey sequence.//0.96:102:70//AQ080649
 5 F-PLACE4000392//Rattus norvegicus polymorphic marker D20UIA1 sequence.//1.2e-05:222:68//AF054088
 F-PLACE4000401//Homo sapiens mRNA for KIAA0640 protein, partial cds.//9.6e-46:605:71//AB014540
 F-PLACE4000411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 173D1, WORKING DRAFT SEQUENCE.//3.2e-29:179:79//AL031984
 10 F-PLACE4000431//H.sapiens gene for U5 snRNP-specific 200kD protein.//4.0e-44:263:92//Z70200
 F-PLACE4000445//HS-1053-B1-D02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 775 Col=3 Row=H, genomic survey sequence.//0.070:47:100//B41346
 F-PLACE4000450
 F-PLACE4000465//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//2.3e-07:273:65//AC005065
 15 F-PLACE4000487//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//4.1e-34:351:70//AC005821
 F-PLACE4000489//HS_3012_B1_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3012 Col=9 Row=N, genomic survey sequence.//2.0e-36:220:92//AQ095537
 20 F-PLACE4000494//Homo sapiens 12p13.3 PAC RPCI5-1063M23 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.3e-57:395:79//AC005865
 F-PLACE4000521//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE.//1.6e-163:770:98//AJ011929
 F-PLACE4000522//Feline leukemia virus Notch2 gene, clone FeLV/Notch2-C, partial cds.//4.0e-124:686:90//U47645
 25 F-PLACE4000548
 F-PLACE4000558//Bothrops atrox batroxobin gene (EC 3.4.21.29).//0.049:435:59//X12747
 F-PLACE4000581
 F-PLACE4000590//Homo sapiens chromosome Y, clone 475I1, complete sequence.//3.6e-20:747:59//AC004474
 30 F-PLACE4000593//Caenorhabditis elegans cosmid F25D7, complete sequence.//5.6e-16:326:65//Z78418
 F-PLACE4000612//Homo sapiens PAC clone DJ0722F20 from 7q31.1-q31.3, complete sequence.//1.7e-163:785:97//AC005281
 F-PLACE4000638//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.7e-74:707:74//AC006039
 35 F-PLACE4000650
 F-PLACE4000654//Mus musculus mRNA for ubiquitin conjugating enzyme.//1.1e-145:840:89//Y17267
 F-PLACE4000670//Sequence 13 from patent US 5712381.//1.0:311:59//I82816
 F-SKNMC1000011//Gallus gallus bone sialoprotein II mRNA, complete cds.//0.014:92:73//U10577
 F-SKNMC1000013//Orang-utan involucrin gene, complete cds.//0.021:417:59//M25312
 40 F-SKNMC1000046//Homo sapiens mRNA for KIAA0654 protein, partial cds.//7.6e-147:706:98//AB014554
 F-SKNMC1000050//Sequence 5 from patent US 5789181.//1.6e-52:330:90//AR020616
 F-SKNMC1000091//Human NK homeobox protein (Nkx6.1) gene, exon 1.//0.0018:375:60//U66797
 F-THYRO1000017//Rattus norvegicus pyridoxine 5'-phosphate oxidase mRNA, complete cds.//6.6e-97:542:84//U91561
 45 F-THYRO1000026//Human DNA sequence from clone 833B7 on chromosome 22q12.3-13.2 Contains genes for NCF4 (P40PHOX) protein, cytokine receptor common beta chain precursor CSF2RB (partial), ESTs, CA repeat, STS, GSS, complete sequence.//3.5e-46:353:82//AL008637
 F-THYRO1000034//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 90L6, WORKING DRAFT SEQUENCE.//0.83:227:61//Z97353
 50 F-THYRO1000035//Human Chromosome X clone bWXD187, complete sequence.//1.2e-39:303:83//AC004383
 F-THYRO1000040
 F-THYRO1000070//Homo sapiens chromosome 10 clone CIT987SK-1144G6 map 10q25.1, complete sequence.//1.3e-05:613:58//AC005383
 F-THYRO1000072//Homo sapiens mRNA for KIAA0657 protein, partial cds.//2.7e-84:722:77//AB014557
 55 F-THYRO1000085
 F-THYRO1000092//CIT-HSP-2013L16.TFB CIT-HSP Homo sapiens genomic clone 2013L16, genomic survey sequence.//0.31:186:61//B60606
 F-THYRO1000107

- F-THYRO1000111//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//6.4e-110:690:87//Z93403
- F-THYRO1000121//Rattus norvegicus CTD-binding SR-like protein rA8 mRNA, complete cds.//1.4e-127:816:85//U49055
- 5 F-THYRO1000124//H.sapiens CpG island DNA genomic Mse1 fragment, clone 72a7, forward read cpg72a7.ft1a.//9.5e-26:169:94//Z62724
- F-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds.//8.5e-154:732:98//AF087142
- F-THYRO1000132//Homo sapiens chromosome 9q34, clone 63G10, complete sequence.//3.7e-39:315:82//AC002096
- 10 F-THYRO1000156//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4. Contains part of a putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence.//1.2e-21:335:71//AL023574
- F-THYRO1000163//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-A-218C7, complete sequence.//8.4e-52:301:88//AC002331
- F-THYRO1000173//Mouse clathrin-associated protein (AP47) mRNA, complete cds.//4.0e-89:821:74//M62419
- 15 F-THYRO1000186//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//7.2e-39:293:85//Z82207
- F-THYRO1000187//Clostridium tetani gene for tetanus toxin.//0.041:473:57//X06214
- F-THYRO1000190//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//0.38:184:64//AC005746
- 20 F-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//7.5e-174:805:99//AJ005698
- F-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//1.2e-86:616:84//AB014552
- F-THYRO1000206//HS_3047_A1_A05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=9 Row=A, genomic survey sequence.//0.51:331:63//AQ099134
- F-THYRO1000221//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.092:738:56//AC004157
- 25 F-THYRO1000241//Gallus gallus genome fragment with pentamer tandem repeats.//0.43:191:62//X00186
- F-THYRO1000242//Human zinc finger gene HZF7.//2.8e-43:534:64//X60156
- F-THYRO1000253//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.95:139:68//AC006055
- 30 F-THYRO1000270
- F-THYRO1000279//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 531H16, WORKING DRAFT SEQUENCE.//1.4e-174:826:98//AL031664
- F-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//3.9e-179:848:98//AB016068
- F-THYRO1000320//Mus musculus sphingosine-1-phosphate lyase mRNA, complete cds.//1.0e-44:331:83//AF036894
- 35 F-THYRO1000327//Homo sapiens autocrine motility factor receptor (AMFR) mRNA, complete cds.//5.7e-112:641:91//L35233
- F-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//2.2e-162:763:98//AB018333
- F-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds.//2.2e-32:177:84//U29091
- 40 F-THYRO1000368//Caenorhabditis elegans cosmid W09G3, complete sequence.//0.97:206:60//Z82080
- F-THYRO1000381//Arthrobacter sp. glcI gene for beta-1,3-glucanase, complete cds.//0.27:427:62//D23668
- F-THYRO1000387//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//9.7e-147:698:98//AC006019
- F-THYRO1000394//HS_2061_A2_C04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2061 Col=8 Row=E, genomic survey sequence.//1.6e-29:202:91//AQ247672
- 45 F-THYRO1000395//Drosophila melanogaster ring canal protein and ORF2 mRNA, complete cds.//4.3e-15:512:59//L08483
- F-THYRO1000401 3.2e-116:504:80//AF051908
- F-THYRO1000438//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.4e-09:539:59//AC005308
- 50 F-THYRO1000452//RPCI11-1C19.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-1C19, genomic survey sequence.//0.27:132:64//B49573
- F-THYRO1000471//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//1.3e-38:332:81//AC005229
- 55 F-THYRO1000484//Homo sapiens BAC378, complete sequence.//2.2e-37:254:76//U85196
- F-THYRO1000488//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//6.3e-130:327:97//AC005740
- F-THYRO1000501//H.sapiens Staf50 mRNA.//9.8e-74:615:77//X82200

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F-THYRO1000502//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLR51). Contains ESTs, an STS and GSSs, complete sequence.//0.076:380:59//Z94056

F-THYRO 1000505

5 F-THYRO1000558//Human PAC clone 127H14 from 12q, complete sequence.//2.4e-27:412:69//AC002563

F-THYRO1000569//HS_2178_B2_E03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2178 Col=6 Row=J, genomic survey sequence.//1.9e-27:326:74//AQ307499

F-THYRO1000570

10 F-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds.//7.4e-167:808:97//AF075587

F-THYRO1000596//Human Chromosome 16 BAC clone CIT987SK-A-972D3, complete sequence.//0.99:280:61//U91323

F-THYRO1000602//HS_3037_B2_E04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3037 Col=8 Row=J, genomic survey sequence.//1.2e-05:109:75//AQ097057

15 F-THYRO1000605//Homo sapiens map 2p11.2; 83cM from GATA85A06 repeat region, complete sequence.//1.0:84:70//AF067777

F-THYRO1000625//Homo sapiens chromosome 19, cosmid R29425, complete sequence.//3.4e-174:820:98//AC005546

20 F-THYRO1000637//Human DNA sequence from clone 91J24 on chromosome 6q24 Contains part of utrophin Gene, part of cytochrome C oxidase gene, EST, CpG island, complete sequence.//3.6e-38:289:84//AL024474

F-THYRO1000641//Plasmodium falciparum MAL3P7, complete sequence.//6.8e-07:540:56//AL034559

F-THYRO1000658//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//1.1e-68:468:84//AC005696

25 F-THYRO1000662//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K23L20, complete sequence.//0.0072:141:70//AB016874

F-THYRO1000666//Mus musculus mRNA for motor domain of KIF9, partial cds.//4.7e-58:367:87//AB001437

F-THYRO1000676//Homo sapiens chromosome 19, cosmid F22676, complete sequence.//1.2e-36:396:71//AC005778

30 F-THYRO1000684//Fugu rubripes cosmid 165K09 DNA for GRM7, TRIP, Sand, PRGFR3 genes.//6.6e-13:236:69//AJ010317

F-THYRO1000699//RPCI11-50D4.TK RPCI11 Homo sapiens genomic clone R-50D4, genomic survey sequence.//2.7e-09:135:78//AQ052641

F-THYRO1000712//Homo sapiens BAC clone RG041D11 from 7q21, complete sequence.//5.2e-17:290:67//AC005053

35 F-THYRO1000715//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//8.6e-08:517:60//L14320

F-THYRO1000734//HS_3233_B1_B04_T7 CIT Approved Human Genomic Sperm Library D-Homo sapiens genomic clone Plate=3233 Col=7 Row=D, genomic survey sequence.//6.0e-72:463:89//AQ182143

F-THYRO1000748//Homo sapiens KIAA0411 mRNA, complete cds.//9.7e-34:339:74//AB007871

40 F-THYRO1000756//M.musculus mRNA for Gal beta1, 3GalNAc alpha2,3-sialyltransferase.//0.00034:349:60//X73523

F-THYRO1000777//S.griseus strO gene and sts gene cluster.//8.2e-05:625:59//Y08763

F-THYRO1000783//Xenopus laevis tail-specific thyroid hormone up-regulated (gene 5) mRNA, complete cds.//4.0e-70:860:69//U37373

45 F-THYRO1000787//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 366D1, WORKING DRAFT SEQUENCE.//5.3e-09:221:66//Z97986

F-THYRO1000793

F-THYRO1000796//Cristatella mucedo clone 5.9 microsatellite sequence.//0.34:173:63//AF085422

50 F-THYRO1000805//Homo sapiens Xp21 PAC RPCI1-37A12 containing exons 10 to 16 of the Duchenne Muscular Dystrophy gene, complete sequence.//7.8e-43:677:66//AC004468

F-THYRO1000815//Homo sapiens chromosome 5, Bac clone 189 (LBNL H135), complete sequence.//5.5e-43:405:77//AC005914

F-THYRO1000829//CIT-HSP-2387C10.TF.1 CIT-HSP Homo sapiens genomic clone 2387C10, genomic survey sequence.//2.0e-20:159:88//AQ240053

55 F-THYRO1000843

F-THYRO1000852//Homo sapiens chromosome 19, cosmid R31855, complete sequence.//1.8e-33:445:72//AC005782

F-THYRO1000855//Mus musculus potassium channel alpha subunit (Kv9.1) mRNA, complete cds.//0.038:208:

64//AF008573
 F-THYRO1000865//Homo sapiens PAC clone DJ0283M22 from 14, complete sequence.//1.9e-30:286:74//AC005477
 F-THYRO1000895//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 385E7, WORKING
 5 DRAFT SEQUENCE.//2.8e-18:186:80//AL031720
 F-THYRO1000916//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.6e-78:432:93//AC006015
 F-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//9.2e-178:839:98//AF079529
 10 F-THYRO1000934//Human pyrroline 5-carboxylate reductase mRNA, complete cds.//3.5e-32:759:63//M77836
 F-THYRO1000951//Homo sapiens Chromosome 11q12 pac pDJ57114, WORKING DRAFT SEQUENCE, 29 unordered pieces.//4.9e-76:224:93//AC004229
 F-THYRO1000952
 F-THYRO1000974//HS_3238_B2_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=2 Row=L, genomic survey sequence.//12.4e-26:154:96//AQ219846
 15 F-THYRO1000975//Plasmodium falciparum Topoll gene.//0.32:491:58//X79345
 F-THYRO1000983//Mvuf9A3 exon amplification products from BACs in Mvuf region Mus musculus genomic, genomic survey sequence.//7.0e-16:112:94//AQ010457
 F-THYRO1000984//CIT-HSP-2167O17.TR CIT-HSP Homo sapiens genomic clone 2167O17, genomic survey sequence.//0.00015:186:66//B91313
 20 F-THYRO1000988//Human Chromosome 11q12.2 PAC clone pDJ756b9 containing human ferritin heavy chain mRNA (FTH), WORKING DRAFT SEQUENCE, 19 unordered pieces.//0.024:267:63//AC004588
 F-THYRO1001003
 F-THYRO1001031//Homo sapiens chromosome 17, clone hRPC.859_O_20, complete sequence.//1.1e-55:543:72//AC003695
 25 F-THYRO1001033//Methanobacterium thermoautotrophicum from bases 48264 to 58328 (section 5 of 148) of the complete genome.//0.94:445:58//AE000799
 F-THYRO1001062//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 199H16, WORKING DRAFT SEQUENCE.//4.4e-45:441:75//AL022320
 30 F-THYRO1001093//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//4.9e-34:353:76//AC006241
 F-THYRO1001100//Human DNA-binding protein mRNA, 3'end.//1.1e-72:742:74//L14787
 F-THYRO1001120//Homo sapiens clone DJ1129E22, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.2e-76:521:86//AC005522
 35 F-THYRO1001121//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 671O14, WORKING DRAFT SEQUENCE.//0.00078:594:58//AL031595
 F-THYRO1001133//Homo sapiens PAC clone DJ1200I23 from 7p15, complete sequence.//4.0e-35:349:76//AC004996
 F-THYRO1001134//Homo sapiens clone DJ1070G24, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.0:154:66//AC005486
 40 F-THYRO1001142//Human DNA sequence from clone B79B4 on chromosome 22 Contains CA repeat and GSS, complete sequence.//1.4e-44:374:80//Z82178
 F-THYRO1001173
 F-THYRO1001177//Human pigment epithelium-derived factor gene, complete cds.//1.9e-42:250:86//U29953
 45 F-THYRO1001189//HS_3171_B2_F10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3171 Col=20 Row=L, genomic survey sequence.//1.8e-28:246:83//AQ302330
 F-THYRO1001204//Drosophila melanogaster DNA repair protein (mei-41) gene, complete cds, and TH1 gene, partial cds.//4.9e-39:657:64//U34925
 F-THYRO1001213//, complete sequence.//1.7e-45:257:84//AC005300
 50 F-THYRO1001262//Homo sapiens genomic DNA, chromosome 21q11.1, segment 7/28, WORKING DRAFT SEQUENCE.//1.5e-40:274:87//AP000036
 F-THYRO1001271//Streptomyces coelicolor cosmid 1A6.//0.033:364:61//AL023496
 F-THYRO1001287//Drosophila melanogaster cosmid clone 86E4.119.6e-49:586:69//AL021086
 F-THYRO1001290//HS_2045_B1_H09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2045 Col=17 Row=P, genomic survey sequence.//4.4e-13:156:78//AQ248237
 55 F-THYRO1001313//S. lavendulae bla gene for beta-lactamase, complete cds.//1.0:229:64//D12693
 F-THYRO1001320//Homo sapiens Chromosome 22q11.2 PAC Clone p_n5 In BCRL2-GGT Region, complete sequence.//1.1e-88:672:82//AC002472

F-THYRO1001321//Human PAC clone DJ527C21 from Xq23, complete sequence.//1.2e-115:740:87//AC000114
 F-THYRO1001322//HS_3205_B2_C12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3205 Col=24 Row=F, genomic survey sequence.//0.00031:285:61//AQ304025
 F-THYRO1001347//Homo sapiens mRNA for KIAA0745 protein, partial cds.//2.2e-43:638:64//AB018288
 5 F-THYRO1001363//Homo sapiens PAC clone DJ0845I21 from 7q11.21-q11.23, complete sequence.//1.0e-09:189:
 74//AC004905
 F-THYRO1001365//Homo sapiens chromosome 10 clone CIT987SK-1163G10 map-10q25, complete sequence.//
 7.6e-168:821:97//AC005660
 F-THYRO1001374//Homo sapiens mRNA for KIAA0707 protein, partial cds.//2.3e-155:740:97//AB014607
 10 F-THYRO1001401//Homo sapiens chromosome 19, cosmid F23149, complete sequence.//3.2e-07:138:73//
 AC005239
 F-THYRO1001403//Homo sapiens chromosome 12p13.3 clone RPCI3-454B23, WORKING DRAFT SEQUENCE,
 48 unordered pieces.//3.6e-70:360:86//AC005845
 F-THYRO1001405//Bos taurus mRNA for NDP52, complete cds.//2.6e-14:559:63//AB008852
 15 F-THYRO1001406//Mus musculus putative steroid dehydrogenase (KIK-I) mRNA, complete cds.//1.0e-91:631:
 82//AF064635
 F-THYRO1001411//Homo sapiens chromosome 19, cosmid F18718, complete sequence.//5.5e-42:509:71//
 AC006126
 F-THYRO1001426//*** SEQUENCING IN PROGRESS *** Homo sapiens genomic DNA (PAC 1118i22) from chro-
 20 mosome 11; HTGS phase 1, WORKING DRAFT SEQUENCE.//2.7e-31:172:81//AJ002553
 F-THYRO1001434//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered piec-
 es.//1.0:98:70//AC000384
 F-THYRO1001458//Bos taurus non-muscle myosin heavy chain mRNA, partial cds.//1.9e-58:653:71//U87265
 F-THYRO1001480//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 25 7.5e-42:357:80//AC006001
 F-THYRO1001487//H.sapiens DNA sequence.//0.92:160:64//Z22449
 F-THYRO1001534//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3
 unordered pieces.//4.8e-47:266:80//AC004666
 F-THYRO1001537//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 998H6, WORKING
 30 DRAFT SEQUENCE.//1.3e-79:479:89//AL031687
 F-THYRO1001541//Human DNA sequence from clone 399M14 on chromosome Xq26.1-26.3. Contains ESTs, an
 STS and GSSs, complete sequence.//0.0034:106:77//Z96074
 F-THYRO1001559//Rattus norvegicus simple sequence repeat D18Mco6.//1.6e-09:351:63//AF006056
 F-THYRO1001570//RPCI11-49B23.TJ RPCI11 Homo sapiens genomic clone R-49B23, genomic survey se-
 35 quence.//1.4e-65:384:91//AQ052105
 F-THYRO1001573//Homo sapiens clone 24778 unknown mRNA.//8.2e-104:546:95//AF070572
 F-THYRO1001584//CIT-HSP-2365J21.TF CIT-HSP Homo sapiens genomic clone 2365J21, genomic survey se-
 quence.//1.3e-24:180:88//AQ080498
 F-THYRO1001595//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING
 40 DRAFT SEQUENCE.//8.7e-145:779:93//AL023808
 F-THYRO1001602//Homo sapiens chromosome 17, clone hRPK.786_O_4, complete sequence.//2.9e-26:393:68//
 AC005863
 F-THYRO1001605//Dictyostelium discoideum filopodin (talA) gene, complete cds.//0.0012:436:58//U14576
 F-THYRO1001617//Homo sapiens full-length insert cDNA clone ZD69D05.//8.6e-43:342:82//AF086381
 45 F-THYRO1001637//Homo sapiens clone DJ1019E05, WORKING DRAFT SEQUENCE, 10 unordered pieces.//
 6.2e-15:318:66//AC004950
 F-THYRO1001656//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//1.5e-05:147:68//
 AC004827
 F-THYRO1001661
 50 F-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//2.5e-164:780:98//
 AJ225089
 F-THYRO1001673//Homo sapiens clone RG161A02, complete sequence.//4.4e-40:770:64//AC005071
 F-THYRO1001703//S.coelicolor plasmid SCP2 transfer region DNA.//0.14:414:59//X72857
 F-THYRO1001706//Homo sapiens BAC clone RG281B09 from 7q21.1-q31.1, complete sequence.//2.6e-43:308:
 55 75//AC004745
 F-THYRO1001721//, complete sequence.//9.9e-134:770:91//AC005500
 F-THYRO1001738//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 355C18, WORKING
 DRAFT SEQUENCE.//0.99:163:61//AL022327

F-THYRO1001745
 F-THYRO1001746
 F-THYRO1001772//HS_3069_B1_C05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3069 Col=9 Row=F, genomic survey sequence.//1.5e-61:360:91//AQ171021
 5 F-THYRO1001793//B.taurus mRNA for beta-subunit of rod photoreceptor CNG-channel.//0.028:446:58//X89626
 F-THYRO 1001809
 F-THYRO1001828//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 110F11, WORKING
 DRAFT SEQUENCE.//1.3e-175:841:98//AL033526
 10 F-THYRO1001854//Homo sapiens chromosome 17, clone hCIT54K19, complete sequence.//7.9e-07:445:59//
 AC003664
 F-THYRO1001895
 4.4e-13:248:68//AB012576
 F-THYRO1001907//Homo sapiens BAC clone RG054D04 from 7q31, complete sequence.//2.9e-15:144:77//
 AC005058
 15 F-VESEN1000122//HS_3075_B1_C09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3075 Col=17 Row=F, genomic survey sequence.//1.1e-16:130:90//AQ143749
 F-Y79AA1000013
 F-Y79AA1000033//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//2.9e-95:300:94//
 AC006027
 20 F-Y79AA1000037//Human prot-oncogene (BMI-1) mRNA, complete cds.//2.4e-19:230:66//L13689
 F-Y79AA1000059//Homo sapiens immunophilin homolog ARA9 mRNA, complete cds.//2.2e-38:629:64//U78521
 F-Y79AA1000065//Human DNA sequence from cosmid J256K24, between markers DXS6791 and DXS8038 on
 chromosome X contains EST.//5.3e-10:117:83//Z72005
 F-Y79AA1000131//Homo sapiens LERK-6 (EPLG6) gene, exon 1.//7.6e-10:381:64//U92893
 25 F-Y79AA1000181//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from
 gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island,
 complete sequence.//1.4e-165:732:99//AL031864
 F-Y79AA1000202//Drosophila melanogaster DNA sequence (P1 DS06882 (D310)), complete sequence.//9.1e-
 20:339:65//AC005115
 30 F-Y79AA1000214//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//
 3.7e-72:397:93//AC004854
 F-Y79AA1000230
 F-Y79AA1000231//Mus musculus SIK similar protein mRNA, complete cds.//8.5e-151:833:90//AF053232
 F-Y79AA1000258//Leishmania donovani histidine secretory acid phosphatase (SACP-1) gene, complete cds.//
 35 0.0099:547:58//U78522
 F-Y79AA1000268//Mus musculus Nip21 mRNA, complete cds.//4.0e-11:424:62//AF035207
 F-Y79AA1000313
 F-Y79AA1000328//CIT-HSP-386A20.TF CIT-HSP Homo sapiens genomic clone 386A20, genomic survey se-
 quence.//5.9e-07:173:69//B55085
 40 F-Y79AA1000342//RPCI11-57J6.TK.1 RPCI11 Homo sapiens genomic clone R-57J6, genomic survey sequence.//
 5.2e-27:151:99//AQ115511
 F-Y79AA1000346//B.primigenius mRNA for coat protein gamma-cop.//5.7e-69:694:71//X92987
 F-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//1.8e-98:535:92//X84692
 F-Y79AA1000355//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.6e-
 45 21:129:85//AC005484
 F-Y79AA1000368//H.sapiens CpG island DNA genomic Mse1 fragment, clone 12f1, reverse read cpg12f1.rt1c.//
 0.00016:53:98//Z56610
 F-Y79AA1000405//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P4, WORKING
 DRAFT SEQUENCE.//0.069:366:59//AL031747
 50 F-Y79AA1000410//Human DNA sequence from PAC 117P19 on chromosome X.//1.0e-25:235:80//Z86061
 F-Y79AA1000420//H.sapiens CpG island DNA genomic Mse1 fragment, clone 82c3, forward read cpg82c3.ft1a.//
 2.0e-36:194:98//Z63378
 F-Y79AA1000469//Mus musculus ancient ubiquitous 46 kDa protein AUP1 precursor (Aup1) mRNA, complete
 cds.//8.5e-121:696:89//U41736
 55 F-Y79AA1000480//HS_2175_A2_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2175 Col=22 Row=O, genomic survey sequence.//2.5e-26:178:89//AQ307693
 F-Y79AA1000538//Homo sapiens clone DJ1158B01, WORKING DRAFT SEQUENCE, 23 unordered pieces.//
 0.67:111:72//AC004980

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F-Y79AA1000539//HS_2237_B2_F10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2237 Col=20 Row=L, genomic survey sequence.//1.2e-14:168:77//AQ153503
F-Y79AA1000540//Homo sapiens clone DJ0655N24, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.94:127:67//AC005193
5 F-Y79AA1000560//Mouse mRNA for alpha-adaptin (C).//1.7e-114:776:84//X14972
F-Y79AA1000574//M.musculus tex23 mRNA (5'region).//1.8e-23:291:75//X80424
F-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence.//8.6e-153:755:97//AF091080
F-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds.//5.2e-135:644:98//AF060503
F-Y79AA1000705//M.musculus mRNA of enhancer-trap-locus 1.//6.9e-148:902:86//X69942
10 F-Y79AA1000734//Homo sapiens PEX11 beta mRNA for peroxisome assembly factor, complete cds.//4.8e-180:850:98//AB018080
F-Y79AA1000748//Caenorhabditis elegans cosmid F25B5.//0.00019:308:60//U23172
F-Y79AA1000752//Oryctolagus cuniculus mRNA for hnRNP-E1 protein.//1.7e-40:513:68//AJ003023
F-Y79AA1000774
15 F-Y79AA1000782
F-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds.//3.5e-177:847:97//AF098799
F-Y79AA1000794//H.sapiens CpG island DNA genomic Mse1 fragment, clone 45a4, forward read cpg45a4.ft1a.//2.5e-13:104:92//Z61120
F-Y79AA1000800//Homo sapiens GABA-B receptor mRNA, complete cds.//0.98:244:60//AF056085
20 F-Y79AA1000802
F-Y79AA1000805//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//9.3e-76:528:85//U73642
F-Y79AA1000824//RPCI11-26B4.TP RPCI-11 Homo sapiens genomic clone RPCI-11-26B4, genomic survey sequence.//4.4e-14:99:95//B84538
F-Y79AA1000827//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1177I5, WORKING
25 DRAFT SEQUENCE.//1.5e-08:249:69//AL022315
F-Y79AA1000833//Macaca fascicularis mRNA for alpha-tubulin.//1.8e-103:603:89//X04757
F-Y79AA1000850
F-Y79AA1000962//Human DNA sequence from PAC 360E18 on chromosome X contains EST, CpG island and polymorphic CA repeat.//0.038:468:59//Z82203
30 F-Y79AA1000966//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds.//9.7e-150:865:89//AF071314
F-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//6.4e-122:717:88//U38253
F-Y79AA1000969//Mouse chromosome 6 BAC-284H12 (Research Genetics mouse BAC library) complete sequence.//1.0:155:63//AC002397
35 F-Y79AA1000976//Caenorhabditis elegans cosmid F54C1.//4.3e-06:130:73//U88165
F-Y79AA1000985//Mus musculus pericentrin mRNA, complete cds.//2.4e-44:428:77//U05823
F-Y79AA1001023
F-Y79AA1001041//Human mutY homolog (hMYH) gene, complete cds.//2.3e-13:90:100//U63329
40 F-Y79AA1001048//Human mRNA for very-long-chain acyl-CoA dehydrogenase (VLCAD), complete cds.//2.6e-28:772:60//D43682
F-Y79AA1001061//Homo sapiens chromosome 4 clone B331M8 map 4q25, complete sequence.//9.4e-36:292:82//AC004701
F-Y79AA1001068//tipAL-AS complex: tipA=TipAL-AS [Streptomyces lividans, Genomic, 1146 nt].//0.17:537:59//S64314
45 F-Y79AA1001077//Zea mays mRNA for aldehyde oxidase-2, complete cds.//0.17:231:64//D88452
F-Y79AA1001078
F-Y79AA1001105//Zebrafish otx2 mRNA for otx homeoprotein, complete cds.//3.1e-63:529:77//D26173
F-Y79AA1001145//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.3e-23:228:76//AC005015
50 F-Y79AA1001167
F-Y79AA1001177//M.musculus mRNA for NfiX1-protein.//4.0e-10:398:64//Y07688
F-Y79AA1001185//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//1.1e-113:666:90//Z93015
55 F-Y79AA1001211//HS_3124_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3124 Col=16 Row=P, genomic survey sequence.//5.5e-12:87:96//AQ187492
F-Y79AA1001216
F-Y79AA1001228//Mycobacterium tuberculosis H37Rv complete genome; segment 143/162.//0.028:188:67//

- AL021841
F-Y79AA1001233//Human placental 17-beta-hydroxysteroid dehydrogenase mRNA, complete cds.//3.5e-24:731:60//M36263
- 5 F-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin)).//1.2e-133:441:97//AJ005892
F-Y79AA1001281//HS_2241_B2_F09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2241 Col=18 Row=L, genomic survey sequence.//5.0e-27:169:94//AQ217497
F-Y79AA1001299//Human Ini1 mRNA, complete cds.//6.7e-115:323:93//U04847
- 10 F-Y79AA1001312
F-Y79AA1001323
F-Y79AA1001384
F-Y79AA1001391//Mus musculus transcription factor HOXA13 (Hoxa13) gene, complete cds.//5.8e-42:245:74//U59322
F-Y79AA1001394//Caenorhabditis elegans cosmid F54B3, complete sequence.//7.8e-18:636:58//Z48583
- 15 F-Y79AA1001402//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.2e-110:738:85//AC005924
F-Y79AA1001493//H.sapiens DNA sequence.//2.0e-27:254:82//Z22497
F-Y79AA1001511//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs, complete sequence.//1.1e-158:804:95//AL034430
- 20 F-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//1.7e-100:820:78//D14336
F-Y79AA1001541//HS_3197_A2_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3197 Col=22 Row=M, genomic survey sequence.//5.1e-28:218:86//AQ150183
F-Y79AA1001548//Homo sapiens chromosome 19, cosmid R28738, complete sequence.//5.4e-21:167:86//AC004151
- 25 F-Y79AA1001555//R.norvegicus mRNA for drebrin A.//0.88:463:59//X59267
F-Y79AA1001581//FMR1 {CGG repeats} [human, Fragile X syndrome patient, Genomic, 429 nt].//0.00051:252:65//S74494
F-Y79AA1001585//Human hypoxanthine phosphoribosyltransferase (HPRT) gene, complete cds.//7.2e-33:375:76//M26434
- 30 F-Y79AA1001594
F-Y79AA1001603//Homo sapiens PAC 128M19 derived from chromosome 21q22.3, containing the HMG-14 and CHD5 genes, complete cds, complete sequence.//4.2e-06:338:66//AF064861
F-Y79AA1001613//Homo sapiens mRNA for KIAA0683 protein, complete cds.//0.024:520:57//AB014583
- 35 F-Y79AA1001647//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y53F4, WORKING DRAFT SEQUENCE.//0.014:331:61//Z92860
F-Y79AA1001665//Human DNA sequence from clone 299D3 on chromosome 22q13.3, complete sequence.//0.99:273:63//Z84468
F-Y79AA1001679//O.cuniculus lambda-crystallin mRNA, complete cds.//1.2e-97:682:81//M22743
- 40 F-Y79AA1001692//insulin-like growth factor binding protein-2 [human, placenta, Genomic, 1292 nt, segment 1 of 4].//5.6e-05:426:59//S37712
F-Y79AA1001696//Rice endogenous double-stranded RNA encoding polypeptide (containing putative helicase and putative RNA-dependent RNA polymerase domains), complete cds.//1.0:437:60//D32136
F-Y79AA1001705//M.musculus fkh-5 gene.//0.18:153:64//X71943
- 45 F-Y79AA1001711//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 328E19, WORKING DRAFT SEQUENCE.//5.4e-76:191:98//AL022240
F-Y79AA1001781//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 10/15, WORKING DRAFT SEQUENCE.//0.99:227:63//AP000017
F-Y79AA1001805//H.sapiens CpG island DNA genomic Mse1 fragment, clone 13d12, reverse read cpg13d12.rt1c.//2.6e-13:88:100//Z64565
- 50 F-Y79AA1001827//Oryctolagus cuniculus PiUS mRNA, complete cds.//3.7e-130:775:88//U74297
F-Y79AA1001846//CIT-HSP-2300M6.TR CIT-HSP Homo sapiens genomic clone 2300M6, genomic survey sequence.//8.3e-17:218:76//AQ012369
F-Y79AA1001848//Human mRNA for KIAA0390 gene, complete cds.//4.2e-10:378:62//AB002388
- 55 F-Y79AA1001866//Rattus norvegicus Cys2/His2 zinc finger protein (rKr1) mRNA, complete cds.//6.9e-41:441:71//U41164
F-Y79AA1001874//Homo sapiens hJAG2.del-E6 (JAG2) mRNA, alternatively spliced isoform of Jagged2, complete cds.//0.00017:412:62//AF029779

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F-Y79AA1001875//CTT-HSP-2317G18.TR CIT-HSP Homo sapiens genomic clone 2317G18, genomic survey sequence.//1.9e-09:271:67//AQ042654
 F-Y79AA1001923//H.sapiens CpG island DNA genomic Mse1 fragment, clone 193c12, forward read cpg193c12.ft1a.//0.0031:108:75//Z60186
 5 F-Y79AA1001963//CITBI-E1-2510J4.TR CITBI-E1 Homo sapiens genomic clone 2510J4, genomic survey sequence.//1.8e-05:56:100//AQ261184
 F-Y79AA1002027//Arabidopsis thaliana ubiquitin-conjugating enzyme 17 (UBC17) mRNA, complete cds.//3.3e-13:451:62//AF028340
 F-Y79AA1002083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 526114, WORKING DRAFT SEQUENCE.//0.91:134:65//Z82214
 10 F-Y79AA1002089
 F-Y79AA1002093//Mus musculus transcription factor like protein 4 TCFL4 mRNA, partial cds.//1.2e-112:678:88//U43548
 F-Y79AA1002103//HS_3052_B1_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3052 Col=15 Row=P, genomic survey sequence.//6.5e-18:238:72//AQ135014
 15 F-Y79AA1002115
 F-Y79AA1002125//H.sapiens (D8S135) DNA segment containing GT repeat.//1.5e-14:99:96//X61693
 F-Y79AA1002139//Saccharomyces cerevisiae dnaJ homolog Hlj1p (HLJ1) gene, complete cds.//2.5e-07:208:64//U19358
 20 F-Y79AA1002204//HS_2235_B2_D12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2235 Col=24 Row=H, genomic survey sequence.//2.9e-13:89:98//AQ154260
 F-Y79AA1002208//CIT-HSP-2006M21.TV CIT-HSP Homo sapiens genomic clone 2006M21, genomic survey sequence.//3.7e-27:154:98//B56397
 F-Y79AA1002209//E.coli tyrS gene coding for tyrosyl-tRNA synthetase.//2.8e-05:143:70//J01719
 25 F-Y79AA1002210//Homo sapiens chromosome 19, cosmid R28058, complete sequence.//8.3e-22:229:78//AC005615
 F-Y79AA1002211//Homo sapiens chromosome 17, clone HRPC1067M6, complete sequence.//1.0e-06:241:67//AC003043
 F-Y79AA1002220//CIT-HSP-2374P23.TR CIT-HSP Homo sapiens genomic clone 2374P23, genomic survey sequence.//1.3e-68:375:95//AQ109738
 30 F-Y79AA1002229//Human mRNA for KIAA0086 gene, complete cds.//0.12:203:63//D42045
 F-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//1.3e-174:821:98//AB014592
 F-Y79AA1002246//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.50:470:60//AC005015
 35 F-Y79AA1002258//Homo sapiens mRNA for KIAA0655 protein, partial cds.//6.8e-159:748:98//AB014555
 F-Y79AA1002298//Human density enhanced phosphatase-1 mRNA, complete cds.//0.036:278:62//U10886
 F-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds.//6.4e-129:622:97//AB014534
 F-Y79AA1002311//R.norvegicus mRNA for cytosolic resiniferatoxin-binding protein.//2.0e-116:693:82//X67877
 F-Y79AA1002351//S.clavuligerus pah and cas genes.//1.0:369:58//X84101
 40 F-Y79AA1002361//Rattus norvegicus mRNA for protein phosphatase 1 (GL-subunit).//5.4e-105:762:80//Y18208
 F-Y79AA1002399//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.0e-159:411:100//AC005920
 F-Y79AA1002407//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//1.1e-118:609:84//AC004662
 45 F-Y79AA1002416//Mus musculus CTP synthetase homolog (CTPsH) mRNA, complete cds.//4.4e-90:529:88//U49385
 F-Y79AA1002431//Chlamydomonas reinhardtii novel protein kinase mRNA, complete cds.//1.0:166:66//U36196
 F-Y79AA1002433//CIT-HSP-384K8.TF CIT-HSP Homo sapiens genomic clone 384K8, genomic survey sequence.//0.24:85:72//B51917
 50 F-Y79AA1002472//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//1.9e-13:242:69//AC006116
 F-Y79AA1002482//Homo sapiens full-length insert cDNA clone ZC18H06.//1.2e-35:462:71//AF088022
 F-Y79AA1002487//Bovine herpesvirus type 1 genes for UL[27,28,29,30,31].//0.93:215:60//X94677

55 Homology Search Result Data 3.

[0303] The result of the homology search of the GenBank using the clone sequence of 3'-end except EST and STS.
 [0304] Data include

the name of clone,
 definition of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

5

[0305] Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.

[0306] Data are not shown for the clones in which the P-value was higher than 1.

- 10 R-HEMBA1000005//Mouse tumor cell dnaJ-like protein 1 mRNA, complete cds.//3.6e-60:504:78//L16953
 R-HEMBA1000030//F.rubripes GSS sequence, clone 063K10bD3, genomic survey sequence.//0.28:117:68//
 Z88864
 R-HEMBA1000042//RPC11-77G23.TV RPC11 Homo sapiens genomic clone R-77G23, genomic survey se-
 quence.//1.3e-56:292:97//AQ268240
 R-HEMBA1000046//Homo sapiens chromosome X map Xq28, complete sequence.//9.8e-56:401:82//U82696
 15 R-HEMBA1000050//Human cosmid insert containing polymorphic marker DXS455.//0.0010:175:68//L31948
 R-HEMBA1000076//Homo sapiens clone DJ1021I20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//4.9e-
 41:364:79//AC005520
 R-HEMBA1000111//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete
 sequence.//4.7e-30:229:84//AC003684
 20 R-HEMBA1000129//Homo sapiens chromosome 17, clone HCIT48C15, complete sequence.//2.4e-93:503:93//
 AC003104
 R-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds.//6.5e-99:514:94//AB018340
 R-HEMBA1000150//Homo sapiens clone RG086D03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.7e-
 37:289:83//AC005060
 25 R-nnnnnnnnnnnn//Homo sapiens scaffold attachment factor B (SAF-B) mRNA, partial cds.//3.1e-21:417:64//
 L43631
 R-HEMBA1000158
 R-nnnnnnnnnnnn
 R-HEMBA1000180//Plasmodium falciparum encoding Pfg27/25.//0.073:292:56//X84904
 30 R-HEMBA1000185//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//
 5.3e-40:286:85//AC006146
 R-HEMBA1000193
 R-HEMBA1000201//Homo sapiens SNF5/INI1 gene, exon 9.//2.0e-24:137:99//Y17126
 R-HEMBA1000213//Caenorhabditis elegans cosmid C44C8.//0.025:192:68//AF100655
 35 R-HEMBA1000216//Human Chromosome 16 BAC clone CIT987SK-A-815A9, complete sequence.//2.5e-31:269:
 79//AF001548
 R-nnnnnnnnnnnn
 R-HEMBA1000231//Human DNA sequence from PAC 212P9 on chromosome 1p34.1-1p35. Contains delta opiate
 receptor, CpG island, CA repeat.//4.3e-24:400:68//AL009181
 40 R-HEMBA1000243//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//1.3e-19:
 319:69//AC004526
 R-HEMBA1000244
 R-HEMBA1000251//Meloidogyne hapla mitochondrial COII gene, 3' end of cds; transfer RNA-His gene; 16S ri-
 bosomal RNA gene; ND3 gene, complete cds; cytochrome b (cytb) gene, 5' end of cds.//0.16:338:60//L76262
 45 R-HEMBA1000264//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 5/15,
 WORKING DRAFT SEQUENCE.//0.00093:300:66//AP000012
 R-nnnnnnnnnnnn//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete
 sequence.//3.5e-10:238:70//AC003037
 R-HEMBA1000282//Arabidopsis thaliana BAC IG002P16.//0.71:344:60//AF007270
 50 R-HEMBA1000288//Homo sapiens Xp22 PACs RPC11-263P4 and RPC11-164K3 complete sequence.//4.8e-33:
 267:82//AC003046
 R-HEMBA1000290//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence.//2.2e-15:249:69//
 AC004223
 R-HEMBA1000302//CIT-HSP-2173N10.TF CIT-HSP Homo sapiens genomic clone 2173N10, genomic survey se-
 quence.//1.0:215:61//B95105
 55 R-nnnnnnnnnnnn//Mus musculus Plenty of SH3s (POSH) mRNA, complete cds.//1.0e-77:551:82//AF030131
 R-nnnnnnnnnnnn//Rattus norvegicus Ca2+-dependent activator protein (CAPS) mRNA, complete cds.//2.0e-96:
 546:90//U16802

R-HEMBA1000307//Mus musculus mRNA for CDV-1 protein.//3.8e-36:315:68//Y10496
R-nnnnnnnnnnn//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING
DRAFT SEQUENCE, 8 unordered pieces.//0.078:379:59//AC005505
5 R-HEMBA1000338//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING
DRAFT SEQUENCE.//2.0e-33:399:72//AL031667
R-HEMBA1000351//Homo sapiens complete genomic sequence between D16S3070 and D16S3275, containing
Familial Mediterranean Fever gene disease.//1.7e-39:272:87//AJ003147
R-HEMBA1000355//Human primary Alu transcript.//0.0045:67:85//U67829
R-HEMBA1000357//Homo sapiens (subclone 9_h8 from PI H16) DNA sequence.//8.7e-93:426:88//L42086
10 R-HEMBA1000366//Homo sapiens PAC clone DJ0942116 from 7q11, complete sequence.//1.7e-12:130:83//
AC006012
R-HEMBA1000369//Human DNA sequence from clone 1039K5 on chromosome 22q12.3-13.2 Contains gene sim-
ilar to PICK1 perinuclear binding protein, gene similar to monocarboxylate transporter (MCT3), ESTs, STS, GSS
and a CpG island, complete sequence.//1.9e-69:355:97//AL031587
15 R-HEMBA1000376//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//3.7e-
66:410:89//AC006116
R-HEMBA1000387//Homo sapiens chromosome 17, clone HCIT169H9, WORKING DRAFT SEQUENCE, 6 un-
ordered pieces.//2.0e-43:363:81//AC002993
R-HEMBA1000390//Homo sapiens BAC clone RG041D11 from 7q21, complete sequence.//4.6e-23:417:69//
20 AC005053
R-HEMBA1000392//Human Chromosome 11p14.3 PAC clone pDJ59m18, complete sequence.//6.2e-05:174:68//
AC004582
R-HEMBA1000396//Homo sapiens DNA sequence from PAC 159A15 on chromosome Xp11.21-p11.23. Contains
inter-alpha-trypsin inhibitor heavy chain H3 precursor-like protein.//1.4e-62:564:77//AL022575
25 R-HEMBA1000411
R-HEMBA1000418//Liverwort Marchantia polymorpha chloroplast genome DNA.//0.94:210:60//X04465
R-HEMBA1000422//CIT-HSP-2382A6.TR CIT-HSP Homo sapiens genomic clone 2382A6, genomic survey se-
quence.//4.4e-12:98:92//AQ078233
R-HEMBA1000428//Human DNA sequence from clone 393P23 on chromosome Xq21.1-21.33. Contains GSSs,
30 complete sequence.//2.0e-93 :526:90//Z95400
R-HEMBA1000434//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//
2.7e-07:452:60//AC004826
R-HEMBA1000442//E.caballus microsatellite DNA, clone HMB4.//0.39:135:62//Y07733
R-HEMBA1000456//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-52, com-
plete sequence.//2.6e-05:174:70//AL010226
35 R-HEMBA1000459//Arabidopsis thaliana putative transmembrane protein G1p (AtG1), putative nuclear DNA-bind-
ing protein G2p (AtG2), Em1 protein (ATEM1), putative chlorophyll synthetase (AtG4), putative transmembrane
protein G5p (AtG5), putative acyl-coA dehydrogenase (AtG6), and calcium dependent protein kinase genes, com-
plete cds; and unknown genes.//0.013:212:63//AF049236
40 R-HEMBA1000460//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence.//8.6e-114:556:98//
AC004839
R-HEMBA1000464//Caenorhabditis elegans cosmid C34B7, complete sequence.//0.086:334:61//Z83220
R-HEMBA1000469//Homo sapiens BAC clone RG442F18 from 2, complete sequence.//1.8e-52:472:79//
AC005104
45 R-HEMBA1000488//, complete sequence.//3.3e-68:200:99//AC005500
R-HEMBA1000490//Caenorhabditis elegans cosmid Y53C12B, complete sequence.//0.97:233:6//Z99278
R-HEMBA1000491
R-HEMBA1000504//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-64, com-
plete sequence.//1.7e-08:440:60//AL009014
50 R-HEMBA1000505//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and
non-small cell lung cancer, segment 1/11.//0.37:189:62//AB020858
R-HEMBA1000508//Human DNA sequence from cosmid V210E9, between markers DXS366 and DXS87 on chro-
mosome X.//1.1e-25:248:80//Z70280
R-HEMBA1000518//RPCI11-6022.TV RPCI-11 Homo sapiens genomic clone RPCI-11-6022, genomic survey se-
55 quence.//0.0035:293:61//B49544
R-HEMBA1000519
R-HEMBA1000520//Arabidopsis thaliana chromosome II BAC F10A12 genomic sequence, complete sequence.//
0.30:255:63//AC006232

R-HEMBA1000523//Human cleavage stimulation factor 77kDa subunit mRNA, complete cds.//1.2e-53:203:92//U15782

R-HEMBA1000531//CIT-HSP-388J17.TR CIT-HSP Homo sapiens genomic clone 388J17, genomic survey sequence.//2.7e-24:137:99//B55638

5 R-HEMBA1000540//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING DRAFT SEQUENCE.//0.00014:329:60//Z98044

R-HEMBA1000545//Homo sapiens Xp22 BAC GS-619J3 (Genome Systems Human BAC library) complete sequence.//6.9e-87:552:87//AC004103

10 R-HEMBA1000557//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134019, WORKING DRAFT SEQUENCE.//8.9e-121:584:98//AL034555

R-HEMBA1000557//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//5.7e-45:307:87//AC004381

R-HEMBA1000561//Mus musculus clone OST20235, genomic survey sequence.//1.3e-43:279:90//AF046762

R-HEMBA1000563//Plasmodium falciparum chromosome 2, section 5 of 73 of the complete sequence.//3.8e-05:506:56//AE001368

15 R-HEMBA1000568//RPCI11-49P8.TK.1 RPCI11 Homo sapiens genomic clone R-49P8, genomic survey sequence.//1.7e-101:498:97//AQ116293

R-HEMBA1000575//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 754E20, WORKING DRAFT SEQUENCE.//1.3e-47:458:75//AL022335

20 R-HEMBA1000588//Mus musculus FLI-LRR associated protein-1 mRNA, complete cds.//2.9e-62:447:81//AF045573

R-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein.//1.2e-111:591:9411AJ007509

R-HEMBA1000592//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-10, complete sequence.//3.5e-09:421:60//AL010216

25 R-HEMBA1000594//Homo sapiens clone RG004N09, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.1e-15:421:66//AC005044

R-HEMBA1000604//HS_2220_A1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2220 Col=19 Row=M, genomic survey sequence.//1.0e-51:306:92//AQ151991

30 R-HEMBA1000608

R-HEMBA1000622//H.sapiens CpG island DNA genomic Mse1 fragment, clone 155e4, reverse read cpg155e4.rt1a.//4.5e-16:105:98//Z56962

R-HEMBA1000636//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 1/15, WORKING DRAFT SEQUENCE.//4.8e-62:421:86//AP000008

35 R-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds.//1.2e-97:443:97//AB014590

R-HEMBA1000655//Homo sapiens chromosome 19, cosmid R26349, complete sequence.//9.8e-61:311:90//AC005953

R-HEMBA1000657

R-HEMBA1000662

40 R-HEMBA1000673//Human DNA sequence from PAC 448E20 on chromosome Xq26.1 contains ESTs and STS.//1.0e-13:351:63//Z97196

R-HEMBA1000682//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.2e-50:298:79//AC005377

R-HEMBA1000686//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00048:210:62//AQ093513

45 R-HEMBA1000702//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//9.7e-54:317:88//AC005000

R-HEMBA1000705//Glossonotus uhivittatus 12S mitochondrial ribosomal RNA, small subunit, mitochondrial gene, partial sequence.//0.080:138:65//U77850

50 R-HEMBA1000719//Rattus norvegicus mRNA for TESK1, complete cds.//0.96:291:58//D50864

R-HEMBA1000722

R-HEMBA1000726//Homo sapiens PAC clone DJ0701016 from 7q33-q36, complete sequence.//4.4e-26:284:77//AC005531

R-HEMBA1000727//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete sequence.//9.1e-05:351:60//AL010266

55 R-HEMBA1000747//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//2.5e-16:123:93//AL021326

EP 1 074 617 A2

R-HEMBA1000749//Human Chromosome 16 BAC clone CIT987SK-327O24, complete sequence.//2.8e-32:298:79//AC003108

R-HEMBA1000752//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//2.8e-90:542:90//Z92545

5 R-HEMBA1000769//Homo sapiens P1 clone GSP13996 from 5q12, complete sequence.//2.7e-36:405:75//AC005031

R-HEMBA1000773//HS_3050_A2_B08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=16 Row=C, genomic survey sequence.//0.00053:268:60//AQ105619

10 R-HEMBA1000774//Homo sapiens PAC clone DJ0630C24 from 7q31-q32, complete sequence.//4.7e-46:338:85//AC004690

R-HEMBA1000791//***ALU WARNING: Human Alu-Sc subfamily consensus sequence.//5.3e-47:279:91//U14571

R-HEMBA10008177//Sequence 1 from Patent WO 8904839.//0.86:148:67//I09339

R-HEMBA1000822//T.brucei kinetoplast maxicircle variable region DNA.//0.00061:246:61//Z15118

15 R-HEMBA1000827//Homo sapiens Ser/Arg-related nuclear matrix protein (SRM160) mRNA, complete cds.//6.9e-43:228:98//AF048977

R-HEMBA1000843//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted CpG island, ESTs, STSs and GSSs, complete sequence.//1.7e-41:319:84//AL022394

20 R-HEMBA1000851//Arabidopsis thaliana chromosome I BAC T14N5 genomic sequence, complete sequence.//0.40:168:67//AC004260

R-HEMBA1000852//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer Institute Human PAC Library) containing Arylsulfatase D and E genes, complete sequence.//1.5e-112:572:96//AC005295

25 R-HEMBA1000867//Homo sapiens clone DJ0971C03, WORKING DRAFT SEQUENCE, 18 unordered pieces.//0.11:121:71//AC004938

R-HEMBA1000869//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-A-180G2, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.2e-22:186:76//AC002042

30 R-HEMBA1000870//Human BAC clone GS542D18 from 7q31-q32, complete sequence.//0.0060:283:63//AC002528

R-HEMBA1000872//Rattus norvegicus polymorphic satellite repetitive elements.//3.8e-05:269:61//M98801

R-HEMBA1000876//Homo sapiens chromosome 12p13.3 clone RPCI11-96H9, WORKING DRAFT SEQUENCE, 66 unordered pieces.//6.5e-38:327:77//AC006057

35 R-HEMBA1000908//CIT-HSP-2373I4.TR CIT-HSP Homo sapiens genomic clone 2373I4, genomic survey sequence.//5.0e-34:221:90//AQ108658

R-HEMBA1000910//T.pigmentosa UM1060 macronuclear rDNA telomeric region 3' term.//0.19:280:61//X04205

R-HEMBA1000918//RPCI11-68E14.TK RPCI11 Homo sapiens genomic clone R-68E14, genomic survey sequence.//1.3e-32:172:100//AQ267293

40 R-HEMBA1000919

R-HEMBA1000934//Homo sapiens DNA sequence from PAC 874C20 on chromosome 6p22.1-22.3. Contains a Zinc Finger Protein ZFP47 LIKE gene, a Zinc Finger Protein pseudogene and a Zinc Finger Protein SRE-ZBP pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.6e-18:284:71//AL021997

R-HEMBA1000942//Homo sapiens clone RG350L10, WORKING DRAFT SEQUENCE, 15 unordered pieces.//1.4e-17:217:76//AC005098

45 R-HEMBA1000943//Homo sapiens chromosome 17, clone hRPK.640_L_15, complete sequence.//9.0e-113:586:95//AC005324

R-HEMBA1000946//T5N8TFB TAMU Arabidopsis thaliana genomic clone T5N8, genomic survey sequence.//0.030:369:59//B26224

50 R-HEMBA1000960//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.5e-52:494:77//AC005096

R-HEMBA1000968//Homo sapiens P1 clone 797a11 containing MHC class II DQ-beta (HLA-DQB) and MHC class II DC-alpha (HLA-DCA) genes, complete cds.//3.5e-77:568:83//U92032

R-HEMBA1000971//RPCI11-54D1.TJ RPCI11 Homo sapiens genomic clone R-54D1, genomic survey sequence.//2.3e-27:153:98//AQ081552

55 R-HEMBA1000972//Human DNA sequence from clone 111F4 on chromosome Xq23 Contains GSSs, complete sequence.//7.3e-43:375:79//AL023876

R-HEMBA1000974//Homo sapiens clone DA0091H08, complete sequence.//2.8e-104:521:97//AC004817

- R-HEMBA1000975//Human DNA sequence from clone 105D16 on chromosome Xp11.3-11.4 Contains pseudogene similar to laminin-binding protein, CA repeat, STS, complete sequence.//8.0e-22:352:68//AL031311
- R-HEMBA1000985//Homo sapiens PAC clone DJ0797C05 from 7q31, complete sequence.//8.5e-05:306:63//AC004888
- 5 R-HEMBA1000986//Homo sapiens clone RG031N19, WORKING DRAFT SEQUENCE, 1 unordered pieces.//5.7e-37:296:83//AC005632
- R-HEMBA1000991//RPCI11-22017.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-22017, genomic survey sequence.//6.5e-44:162:90//AQ008952
- R-HEMBA1001007
- 10 R-HEMBA1001008//Homo sapiens chromosome 16, P1 clone 79-2A (LANL), complete sequence.//0.082:313:60//AC005365
- R-HEMBA1001009//O.sativa osr40g2 gene.//0.99:203:62//Y08987
- R-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds.//1.0e-113:587:95//AB007937
- R-HEMBA1001019//Bos taurus cyclin-dependent kinase 1 (cdk1/cdc2) mRNA, complete cds.//7.4e-24:215:82//L26547
- 15 R-HEMBA1001020//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING DRAFT SEQUENCE.//2.8e-18:449:64//AL008722
- R-HEMBA1001022
- R-HEMBA1001024//Homo sapiens BAC clone 393I22 from 8q21, complete sequence.//6.6e-48:536:74//AF070717
- 20 R-HEMBA1001026//T33H14TF TAMU Arabidopsis thaliana genomic clone T33H14, genomic survey sequence.//0.013:180:66//B97363
- R-nnnnnnnnnnnnn//Caenorhabditis elegans cosmid R10H10, complete sequence.//1.2e-25:438:65//Z70686
- R-HEMBA1001051//Homo sapiens 12q24.1 PAC RPCI3-521E19 (Roswell Park Cancer Institute Human PAC library) complete sequence.//7.3e-38:188:89//AC004217
- 25 R-HEMBA1001052//Rabbit alpha-1-globin gene to theta-1-globin pseudogene region.//2.4e-24:279:74//X04751
- R-HEMBA1001060//HS_2056_B1_C01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2056 Col=1 Row=F, genomic survey sequence.//4.1e-14:137:83//AQ245004
- R-HEMBA1001071//M.musculus COL3A1 gene for collagen alpha-I.//6.9e-38:513:70//X52046
- 30 R-HEMBA1001077//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE.//1.9e-22:507:61//AL022318
- R-HEMBA1001080
- R-HEMBA1001085//Human Chromosome 15q26.1 PAC clone pDJ290i21 containing fur, fes, and alpha mannosidase Iix genes, WORKING DRAFT SEQUENCE, 9 unordered pieces.//2.2e-43:317:83//AC004586
- 35 R-HEMBA1001088//Caenorhabditis elegans cosmid C18H7.//0.46:301:60//AF067607
- R-HEMBA1001094//Homo sapiens clone RG491N20, complete sequence.//5.3e-98:501:96//AC005105
- R-HEMBA1001099
- R-HEMBA1001109//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 118J21, WORKING DRAFT SEQUENCE.//3.1e-39:335:80//AL033527
- 40 R-HEMBA1001121//Human cosmid LL12NC01-132B11A, ETV6 gene, intron 2.//9.8e-11:122:81//U81833
- R-HEMBA1001122//Plasmodium falciparum MAL3P6, complete sequence.//0.0024:284:63//Z98551
- R-HEMBA1001123//Human NFE genomic fragment.//3.6e-26:318:72//M98511
- R-HEMBA1001133
- R-HEMBA1001137//Homo sapiens full-length insert cDNA clone ZD29F04.//4.2e-88:426:98//AF086241
- 45 R-HEMBA1001140//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//4.0e-41:304:84//AC005077
- R-HEMBA1001172//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//3.7e-36:261:85//Z98304
- R-HEMBA1001174//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//1.0:219:58//AE001398
- 50 R-HEMBA1001197
- R-HEMBA1001208//HS_2233_A1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2233 Col=19 Row=M, genomic survey sequence.//0.083:174:68//AQ170789
- R-HEMBA1001226//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//5.1e-59:553:75//AC005377
- 55 R-HEMBA1001235//RPCI11-50E6.TJ RPCI11 Homo sapiens genomic clone R-50E6, genomic survey sequence.//2.6e-08:97:76//AQ052666
- R-HEMBA1001247//Caenorhabditis elegans cosmid C01F1.//2.4e-05:319:63//U58761

- R-HEMBA1001257//Rattus norvegicus alpha-methylacyl-CoA racemase mRNA, complete cds.//1.5e-24:439:66//U89905
- R-HEMBA1001265//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//9.9e-21:537:63//AC004491
- 5 R-nnnnnnnnnnnn//Homo sapiens chromosome 17, clone HCIT75G16, complete sequence.//0.022:169:65//AC003042
- R-HEMBA1001286
- R-HEMBA1001289
- 10 R-HEMBA1001294//HS_3219_A2_G01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3219 Col=2 Row=M, genomic survey sequence.//0.24:251:63//AQ189882
- R-HEMBA1001299//Homo sapiens, clone hRPK.12_A_1, complete sequence.//1.3e-38:381:76//AC006222
- R-HEMBA1001302//cDNA encoding a human homologue of a mouse novel polypeptide derived from stromal cell.//4.1e-28:114:92//E12258
- 15 R-HEMBA1001303//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.00011:382:58//AL031744
- R-HEMBA1001310
- R-HEMBA1001319//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//4.2e-09:491:58//AC005504
- R-HEMBA1001323//Drosophila yakuba mitochondrial DNA molecule.//8.3e-06:485:60//X03240
- 20 R-HEMBA1001326//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//2.2e-14:277:69//AL021368
- 25 R-HEMBA1001327//Human DNA sequence from clone 522P13 on chromosome 6p21.31-22.3. Contains a 60S Ribosomal Protein L21 pseudogene and an HNRNP A3 (Heterogenous Nuclear Riboprotein A3, FBRNP) pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.15:360:6//AL024509
- R-HEMBA1001330//Homo sapiens 12q24 PAC RPCI1-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.3e-27:481:67//AC004216
- 30 R-HEMBA1001351//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete sequence.//7.1e-45:252:94//AC006238
- R-HEMBA1001361//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//1.4e-113:569:97//AC006241
- R-HEMBA1001375//Homo sapiens full-length insert cDNA clone ZE09H03.//2.8e-89:428:99//AF086542
- 35 R-HEMBA1001377//Homo sapiens PAC clone DJ0728D04, complete sequence.//2.3e-32:324:77//AC004865
- R-HEMBA1001383
- R-HEMBA1001387
- R-HEMBA1001388//Homo sapiens clone RG189J21, WORKING DRAFT SEQUENCE, 15 unordered pieces.//8.9e-06:108:83//AC005073
- 40 R-HEMBA1001391//Yeast mitochondrial aapl gene for ATPase subunit 8.//7.3e-08:500:59//X00960
- R-HEMBA1001398//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE.//2.3e-48:315:88//AP000050
- R-HEMBA1001405//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING DRAFT SEQUENCE.//5.5e-35 :464:68//AL034380
- 45 R-HEMBA1001407
- R-HEMBA1001411//Yeast (S.cerevisiae) mitochondria Ser-tRNA-UCN gene and flanks.//0.00029:301:62//K01981
- R-HEMBA1001413
- R-HEMBA1001415//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//5.6e-101:512:96//AL031732
- 50 R-HEMBA1001432//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//6.3e-37:302:81//AC006146
- R-HEMBA1001433//Human DNA sequence from PAC 339A18 on chromosome Xp11.2. Contains KIAA0178 gene, similar to mitosis-specific chromosome segregation protein SMC1 of S.cerevisiae, DNA binding protein similar to URE-B1, ESTs and STS.//1.9e-32:242:79//Z97054
- 55 R-HEMBA1001435//Homo sapiens chromosome 21, Neurofibromatosis 1 (NF1) related locus, complete sequence.//5.7e-59:457:82//AC004527
- R-HEMBA1001442//Human DNA sequence from PAC 507I15 on chromosome Xq26.3-27.3. Contains 60S ribosomal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat.//0.051:276:63//Z98950

- R-HEMBA1001446//HS_3207_A1_A08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3207 Col=15 Row=A, genomic survey sequence.//8.9e-06:119:73//AQ175385
R-HEMBA1001450//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//0.0043:266:63//AC005065
- 5 R-HEMBA1001454//Homo sapiens PAC clone DJ0673011 from 7q31, complete sequence.//7.1e-25:210:82//AC004855
R-HEMBA1001455//Homo sapiens chromosome 17, clone hRPK.640_L_15, complete sequence.//2.7e-08:316:62//AC005324
R-HEMBA1001463//Homo sapiens chromosome 17, clone hRPK.1064_E_11, complete sequence.//0.57:219:60//AC005208
- 10 R-HEMBA1001476//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces.//9.3e-50:252:80//AC004840
R-HEMBA1001478
R-HEMBA1001497
- 15 R-HEMBA1001510/Human HLA class III region containing cAMP response element binding protein-related protein (CREB-RP) and tenascin X (tenascin-X) genes, complete cds, complete sequence.//3.5e-41:282:86//U89337
R-HEMBA1001515//Human DNA sequence from PAC 238J17 on chromosome 6q22. Contains EST and STS.//1.9e-79:529:86//Z98753
R-HEMBA1001517//Homo sapiens BAC clone RG459N13 from 7p15, complete sequence.//4.3e-18:335:71//AC004549
- 20 R-HEMBA1001522
R-HEMBA1001526//Human DNA sequence from cosmid 444G9 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3 Contains ESTs and CpG islands.//5.6e-08:265:67//Z98258
R-HEMBA1001533//Human DNA sequence from PAC 179M20 on chromosome 20q12-13.1. Contains adenosine deaminase (ADA), placental protein Diff33, CA repeat, ESTs, STS.//7.8e-16:235:72//Z97053
- 25 R-HEMBA1001557
R-HEMBA1001566//Human Chromosome X clone bWXD187, complete sequence.//2.2e-44:416:78//AC004383
R-HEMBA1001569//Sequence 15 from patent US 5693476.//1.8e-59:389:88//I77040
R-HEMBA1001570//Homo sapiens PAC clone DJ0844F09 from 7p12-p13, complete sequence.//1.1e-44:316:87//AC004453
- 30 R-HEMBA1001579//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.0047:437:60//AC005506
R-HEMBA1001581//P.falciparum complete gene map of plastid-like DNA (IR-B).//2.3e-07:491:58//X95276
R-HEMBA1001585//Caenorhabditis elegans cosmid C06A6.//0.68:224:62//U41012
- 35 R-HEMBA1001589
R-HEMBA1001595//CIT-HSP-2349G19.TF CIT-HSP Homo sapiens genomic clone 2349G19, genomic survey sequence.//8.0e-69:337:99//AQ060483
R-HEMBA1001608//Homo sapiens chromosome 17, clone HCIT462L7, complete sequence.//9.5e-59:514:78//AC005177
- 40 R-HEMBA1001620//S.polyrrhiza mRNA for D-myo-inositol-3-phosphate synthase.//4.5e-12:289:65//Z11693
R-nnnnnnnnnnnnn//HS_2195_A1_E09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2195 Col=17 Row=I, genomic survey sequence.//5.8e-09:358:58//AQ292688
R-HEMBA1001636//Human putative potassium channel subunit (h-erg) mRNA, complete cds.//0.77:225:59//U04270
- 45 R-HEMBA1001640//Human DNA sequence from PAC 50J22 on chromosome 6p21. Contains ETS related protein TEL like and GS2 like genes, ESTs and an STS.//6.0e-49:404:79//Z84484
R-nnnnnnnnnnnnn
R-HEMBA1001655//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//1.1e-103:532:95//AC005368
- 50 R-HEMBA1001658//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//1.0:197:64//AL023808
R-HEMBA1001661//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//1.5e-100:457:93//AC005740
R-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds.//1.2e-90:496:91//AF072247
- 55 R-HEMBA1001675
R-HEMBA1001678//Homo sapiens voltage dependent anion channel protein mRNA, complete cds.//1.3e-101:534:94//AF038962

R-HEMBA1001681//CIT-HSP-2345M7.TF CIT-HSP Homo sapiens genomic clone 2345M7, genomic survey sequence.//0.21:124:68//AQ056593

R-HEMBA1001702//Homo sapiens 12q13.1 PAC RPC1-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//8.3e-06:279:63//AC004801

5 R-HEMBA1001709//Homo sapiens mRNA for KIAA0698 protein, complete cds.//1.9e-96:483:96//AB014598

R-HEMBA1001711//Human HepG2 3' region cDNA, clone hmd2b02.//2.3e-31:169:100//D16886

R-HEMBA1001712//HS-1015-B1-E01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 790 Col=1 Row=J, genomic survey sequence.//0.0025:200:65/B32577

10 R-HEMBA1001714//Rattus norvegicus mitochondrial ATPase inhibitor gene, complete cds.//6.6e-27:316:75//U12250

R-HEMBA1001718//CIT-HSP-2171J2.TR CIT-HSP Homo sapiens genomic clone 2171J2, genomic survey sequence.//3.1e-41:167:87//B89781

R-HEMBA1001723//Rattus norvegicus EH domain binding protein Epsin mRNA, complete cds.//0.53:275:61//AF018261

15 R-HEMBA1001731//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 322P7, WORKING DRAFT SEQUENCE.//2.9e-48:292:84//AL023799

R-HEMBA1001734//Homo sapiens Chromosome 15q22.3-23 PAC 88m3, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.2e-33:290:81//AC005959

R-HEMBA1001744//Human DNA sequence from clone 134E15 on chromosome 6q21 Contains Blimp-1, apoptosis specific protein similar to yeast APG5 ESTs, GSSs and retroviral sequence, complete sequence.//0.98:203:62//AL022067

20 R-HEMBA1001745//Homo sapiens BAC clone RG298G08 from 7p15-p21, complete sequence.//0.00019:312:59//AC005084

R-HEMBA1001746//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.045:457:61//AC004153

25 R-HEMBA1001761//Homo sapiens chromosome X, clone hCIT.200_L_4, complete sequence.//3.8e-39:331:80//AC006121

R-HEMBA1001781//Homo sapiens Xp22 BAC GSHB-590J6 (Genome Systems Human BAC library) complete sequence.//0.0062:245:60//AC004554

30 R-HEMBA1001784//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//2.1e-22:370:63//AC005740

R-HEMBA1001791//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STSs, GSSs and genomic marker DXS8098, complete sequence.//3.0e-50:408:80//AL023575

R-HEMBA1001800//CIT-HFP-2049N5.TF CIT-HSP Homo sapiens genomic clone 2049N5, genomic survey sequence.//9.0e-37:335:77//AQ009222

35 R-HEMBA1001803//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.86:536:56//AC005506

R-nnnnnnnnnnnn//Mouse interleukin 2 receptor (p55 IL-2R) mRNA, 5' end.//2.9e-93:553:89//M21977

R-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500.//2.8e-112:548:98//AB007969

40 R-HEMBA1001809

R-HEMBA1001815//Homo sapiens Xp22 BAC GS-321G17 (Genome Systems Human BAC library) complete sequence.//2.6e-48:363:84//AC004025

R-HEMBA1001819//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC 1577, WORKING DRAFT SEQUENCE.//1.1e-15:275:68//AJ009612

45 R-HEMBA1001820//HS_3022_B1_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3022 Col=17 Row=B, genomic survey sequence.//0.00054:335:59//AQ165107

R-nnnnnnnnnnnn//Xenopus laevis intersectin mRNA, complete cds.//1.4e-19:533:63//AF032118

R-HEMBA1001824//S.clavuligerus linear plasmid pSCL (complete sequence).//0.62:189:65//X54107

50 R-HEMBA1001835//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191J18, WORKING DRAFT SEQUENCE.//1.0:450:60//AL024507

R-HEMBA1001844//Human familial Alzheimer's disease (STM2) gene, complete cds.//1.6e-07:170:68//U50871

R-HEMBA1001847

R-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds.//3.3e-108:553:96//AB014517

55 R-HEMBA1001864//Homo sapiens genomic DNA, 21q22.1 region, clone: Q82F5A16, genomic survey sequence.//1.7e-14:245:67//AG002463

R-HEMBA1001866//HS_2258_B2_D01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2258 Col=2 Row=H, genomic survey sequence.//2.8e-39:397:75//AQ221138

- R-nnnnnnnnnnnn//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//5.9e-56:303:94//AC005065
- R-HEMBA1001888//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.7e-43:281:88//AC006210
- 5 R-HEMBA1001896
- R-HEMBA1001910
- R-HEMBA1001912//Homo sapiens chromosome 5, P1 clone 1308e5 (LBNL H13), complete sequence.//0.10:307:61//AC004775
- R-HEMBA1001913
- 10 R-HEMBA1001915//HS_2037_A1_E12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2037 Col=23 Row=I, genomic survey sequence.//0.071:206:64//AQ233106
- R-HEMBA1001918//Homo sapiens chromosome 5, P1 clone 1308e5 (LBNL H13), complete sequence.//0.97:449:59//AC004775
- R-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds.//2.0e-105:534:96//AF000145
- 15 R-HEMBA1001939//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//4.6e-13:120:82//AL021707
- R-HEMBA1001940//Homo sapiens clone DJ1093I16, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.2e-36:301:81//AC005629
- 20 R-HEMBA1001942//Human PAC clone DJ0205E24 from Xq23, complete sequence.//1.9e-10:208:68//AC003013
- R-HEMBA1001945//Plasmodium falciparum chromosome 2, section 70 of 73 of the complete sequence.//1.2e-06:393:60//AE001433
- R-HEMBA1001950//R.prowazekii genomic DNA fragment (clone A437R).//0.33:122:66//Z82646
- R-HEMBA1001960//Borrelia afzelii VS461 outer surface protein D (ospD) gene, complete cds.//0.0086:427:59//U05329
- 25 R-HEMBA1001962//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//4.5e-07:176:70//AC004069
- R-HEMBA1001964//HS_2215_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2215 Col=1 Row=P, genomic survey sequence.//7.3e-25:215:74//AQ151931
- 30 R-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs, complete sequence.//1.7e-51:209:95//AL031178
- R-HEMBA1001979//CIT-HSP-2387I12.TF.1 CIT-HSP Homo sapiens genomic clone 2387I12, genomic survey sequence.//4.9e-06:153:71//AQ240461
- 35 R-HEMBA1001987//Human DNA sequence from clone 444C7 on chromosome 6p22.3-23. Contains an EST, an STS and GSSs, complete sequence.//3.1e-46:437:77//AL033521
- R-HEMBA1001991//Human DNA sequence from PAC 426I6 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.1e-48:446:78//AL020997
- R-HEMBA1002003//Homo sapiens mRNA for protein phosphatase 2C (beta).//5.1e-90:448:97//AJ005801
- 40 R-HEMBA1002008//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//3.2e-42:317:84//Z97181
- R-HEMBA1002018//HS_3006_B1_D10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3006 Col=19 Row=H, genomic survey sequence.//1.0:63:74//AQ089717
- R-HEMBA1002022//Homo sapiens chromosome 18, clone hRPK.453_M_1, complete sequence.//0.93:339:59//AC006203
- 45 R-HEMBA1002035//Mus musculus chromosome 19, clone CIT282B21, complete sequence.//1.4e-11:285:67//AC003694
- R-HEMBA1002039
- R-HEMBA1002049//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1177I5, WORKING DRAFT SEQUENCE.//5.3e-52:266:84//AL022315
- 50 R-HEMBA1002084//CIT-HSP-2357LI1.TR CIT-HSP Homo sapiens genomic clone 2357LI1, genomic survey sequence.//0.0013:185:66//AQ063078
- R-HEMBA1002092//Mus musculus Olf-1/EBF-like-3 transcription factor (O/E-3) mRNA, complete cds.//2.7e-70:479:86//U92703
- 55 R-HEMBA1002100//Homo sapiens thyroid receptor interactor (TRIP7) mRNA, 3' end of cds.//8.5e-32:206:91//L40357
- R-HEMBA1002102//Homo sapiens Chromosome 15q26.1 PAC clone pDJ427d15, complete sequence.//4.3e-42:302:85//AC005800

R-HEMBA1002113//Human chromosome 12p13 sequence, complete sequence.//1.6e-64:550:80//U47924
 R-HEMBA1002119//Human Chromosome 11 pac pDJ1173a5, complete sequence.//1.2e-92:435:92//AC000378
 R-HEMBA1002125
 R-HEMBA1002139//Human nebulin mRNA, partial cds.//0.056:68:88//U35637
 5 R-HEMBA1002144//Homo sapiens Chromosome 11p14.3 PAC clone 6-130a9 containing tryptophan hydroxylase
 gene, complete sequence.//2.0e-26:323:70//AC005728
 R-HEMBA1002150//Human DNA sequence from clone 742C19 on chromosome 22q12.3-13.1. Contains a pseu-
 dogene similar to Cytochrome C Oxidase Polypeptide VB and (parts of) up to four novel genes, two with homology
 to Phorbolin genes and one a novel Chromobox protein gene. Contains ESTs, an STS, GSSs and putative CpG
 10 islands, complete sequence.//1.0:371:61//AL031846
 R-HEMBA1002151
 R-HEMBA1002153//Human BAC 367D17 from chromosome 18, complete sequence.//2.4e-21:322:70//AC003971
 R-HEMBA1002160//Human DNA sequence from PAC 339A18 on chromosome Xp11.2. Contains KIAA0178 gene,
 similar to mitosis-specific chromosome segregation protein SMC1 of *S.cerevisiae*, DNA binding protein similar to
 15 URE-B1, ESTs and STS.//2.5e-38:216:84//Z97054
 R-HEMBA1002161//CIT-HSP-2163F10.TF CIT-HSP Homo sapiens genomic clone 2163F10, genomic survey se-
 quence.//3.1e-58:284:80//B89969
 R-HEMBA1002162//Caenorhabditis elegans cosmid F48C11, complete sequence.//0.0079:286:57//Z80789
 R-HEMBA1002166//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//5.9e-
 20 53:326:80//AC002980
 R-HEMBA1002177
 R-HEMBA1002185//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745I14, WORKING
 DRAFT SEQUENCE.//9.5e-37:356:76//AL033532
 R-HEMBA1002189//Homo sapiens Xp22 BAC GSHB-519E5 (Genome Systems Human BAC library) complete
 25 sequence.//3.4e-43:244:77//AC003684
 R-HEMBA1002191//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//4.3e-
 37:323:78//AC005077
 R-HEMBA1002199//Human Cosmid g5129g124 from 7q31.3, complete sequence.//1.4e-89:564:87//AC002498
 R-HEMBA1002204//Homo sapiens Chromosome 22q11.2 Cosmid Clone 817g In IGLC Region, complete se-
 30 quence.//1.5e-31:313:71//AC000053
 R-HEMBA1002212//K.lactis mitochondrial COX1 and A8 genes for cytochrome oxidase subunit I and ATPase
 subunit 8.//0.0023:346:60//X57546
 R-HEMBA1002215//M.musculus mRNA for testin.//4.7e-61:414:84//X78989
 R-HEMBA1002226//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 2705, WORKING
 35 DRAFT SEQUENCE.//4.6e-46:375:77//AL033529
 R-HEMBA1002229//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//4.6e-46:238:98//
 AF089814
 R-HEMBA1002237//Homo sapiens 12q13 PAC RPC11-316M24 (Roswell Park Cancer Institute Human PAC library)
 complete sequence.//4.3e-26:469:67//AC004242
 40 R-HEMBA1002253//Homo sapiens BAC clone GS180J15 from 7q31, complete sequence.//5.1e-23:162:82//
 AC005016
 R-HEMBA1002257
 R-HEMBA1002267//Equus caballus dermatan sulfate proteoglycan II mRNA, complete cds.//4.6e-44:300:88//
 AF03 8127
 45 R-HEMBA1002270//Human BAC clone RG067M09 from 7q21-7q22, complete sequence.//1.9e-19:176:85//
 AC000057
 R-HEMBA1002321
 R-HEMBA1002328//HS_3061_A1_D06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3061 Col=11 Row=G, genomic survey sequence.//1.0:151:65//AQ127617
 50 R-HEMBA1002337//Saccharomyces cerevisiae RNA polymerase II holoenzyme component (SRB7) gene, com-
 plete cds.//3.7e-07:328:63//U23811
 R-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds.//2.4e-128:642:96//AB018314
 R-HEMBA1002348//Human DNA sequence from clone 409O10 on chromosome 20q12 Contains CA repeat, GSS,
 STS, complete sequence.//3.7e-07:587:58//AL031256
 55 R-HEMBA1002349//Leishmania tarentolae maxicircle DNA fragment.//0.018:341:58//X02438
 R-nnnnnnnnnnn//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//1.2e-121:
 661:93//AF092563
 R-HEMBA1002381//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and

non-small cell lung cancer, segment 11/11.//1.1e-70:559:79//AB020868
R-HEMBA1002389//HS_3218_B2_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3218 Col=16 Row=J, genomic survey sequence.//0.0011:122:72//AQ213602
R-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784, complete sequence.//4.2e-81:232:97//
5 AC005954
R-HEMBA1002419//Homo sapiens PAC clone DJ0649P17 from 7q11.23-q21, complete sequence.//0.50:231:64//
AC004848
R-HEMBA1002430//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.0023:604:56//X95276
R-HEMBA1002439//Homo sapiens clone GS096J14, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.4e-
10 23:183:80//AC006026
R-HEMBA1002458//Human DNA sequence from clone 146H21 on chromosome Xq22 Contains cleavage stimu-
lation factor, 64 KD subunit, gene similar to CYTOCHROME B-245 HEAVY CHAIN. pseudogene similar to hnRNP
A1 protein and ESTs, complete sequence.//7.7e-32:161:83//Z83819
R-HEMBA1002460//Homo sapiens clone DJ1137M13, complete sequence.//2.6e-100:305:100//AC005378
15 R-HEMBA1002462//Sequence 43 from patent US 5708157.//2.0e-10:131:77//I80068
R-nnnnnnnnnnnnn
R-HEMBA1002477//Homo sapiens PAC clone DJ0607J23 from 7q21.2-q31.1, complete sequence.//6.6e-33:279:
80//AC004841
R-HEMBA1002486//***ALU WARNING: Human Alu-Sq subfamily consensus sequence.//2.1e-50:290:92//U14573
20 R-HEMBA1002495//CITBI-E1-2515J10.TR CITBI-E1 Homo sapiens genomic clone 2515J10, genomic survey se-
quence.//1.0:122:68//AQ261762
R-HEMBA1002498//Homo sapiens clone DJ1102A12, WORKING DRAFT SEQUENCE, 15 unordered pieces.//
2.8e-22:210:78//AC004963
R-HEMBA1002503//Homo sapiens chromosome 17, clone HRPC1067M6, complete sequence.//2.7e-17:435:58//
25 AC003043
R-HEMBA1002508//Homo sapiens, clone hRPK.15_A_1, complete sequence.//3.7e-09:408:61//AC006213
R-nnnnnnnnnnnnn//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//7.1e-112:456:92//AJ011972
R-HEMBA1002515
R-HEMBA1002538//Homo sapiens mRNA for KIAA0454 protein, partial cds.//1.6e-104:564:93//AB007923
30 R-HEMBA1002542//HS_3197_B2_B10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3197 Col=20 Row=D, genomic survey sequence.//2.8e-25:186:86//AQ188792
R-HEMBA1002547//Mus musculus agrin gene, exon 36.//0.0095:93:75//M92658
R-HEMBA1002552//Homo sapiens clone DJ1137M13, complete sequence.//4.0e-49:308:90//AC005378
R-HEMBA1002555//Homo sapiens full-length insert cDNA clone YR87G10.//8.3e-65:318:99//AF085957
35 R-HEMBA1002558//, complete sequence.//2.3e-38:264:89//AC005409
R-HEMBA1002561//Human DNA sequence from clone 396D17 on chromosome 1p33-35.3 Contains EST, STS,
GSS, complete sequence.//7.1e-44:192:80//AL008634
R-nnnnnnnnnnnnn//Homo sapiens protein associated with Myc mRNA, complete cds.//4.5e-119:587:97//AF075587
R-HEMBA1002583
40 R-HEMBA1002590//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains
the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein
CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete se-
quence.//9.4e-42:248:88//Z95152
R-HEMBA1002592//Homo sapiens chromosome 19, cosmid R30385, complete sequence.//2.6e-56:302:84//
45 AC004510
R-HEMBA1002621
R-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds.//6.7e-76:380:97//AB018351
R-HEMBA1002628//P.falciparum complete gene map of plastid-like DNA (IR-A).//8.8e-05:327:60//X95275
R-HEMBA1002629//Mus musculus clone OST16705, genomic survey sequence.//4.3e-06:205:66//AF046247
50 R-HEMBA1002645//***ALU WARNING: Human Alu-J subfamily consensus sequence.//7.1e-39:281:84//U14567
R-HEMBA1002651//Homo sapiens PAC clone DJ0593H12 from 7p31, complete sequence.//1.1e-104:500:95//
AC004839
R-HEMBA1002659//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs
and GSSs, complete sequence.//1.2e-61:280:92//AL022323
55 R-HEMBA1002661//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 225E12, WORKING
DRAFT SEQUENCE.//3.2e-41:325:81//AL031772
R-HEMBA1002666//Homo sapiens full-length insert cDNA clone YY74A07.//0.00037:79:84//AF088008
R-HEMBA1002678//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1137F22, WORK-

ING DRAFT SEQUENCE.//2.3e-107:561:94//AL034421
 R-nnnnnnnnnnnn//CIT-HSP-2287E8.TF CIT-HSP Homo sapiens genomic clone 2287E8, genomic survey sequence.//5.4e-17:137:88//B99281
 R-HEMBA1002688//Homo sapiens chromosome 5, P1 clone 1354A7 (LBNL H47), complete sequence.//0.033:146:70//AC004503
 5 R-HEMBA1002696
 R-HEMBA1002712//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//6.2e-44:302:87//AC003982
 R-HEMBA1002716//Mus musculus mRNA for ELM1, complete cds.//1.1e-31:332:76//AB004873
 R-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds.//1.2e-35:287:81//AB014521
 10 R-HEMBA1002730//D.discoideum actin M6 gene, 5' flank.//0.018:233:66//M29109
 R-HEMBA1002742//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1108H3, WORKING DRAFT SEQUENCE.//2.6e-13:419:62//AL033525
 R-HEMBA1002746//Mus musculus chromosome 19, clone CIT282B21, complete sequence.//0.019:202:65//AC003694
 15 R-HEMBA1002748//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 404K8, WORKING DRAFT SEQUENCE.//0.046:263:60//AL023883
 R-HEMBA1002750//Human DNA sequence from PAC 452H17 on chromosome X contains sodium-and chloride-dependent glycine transporter 1 (GLYT-1) like, ESTs.//0.052:421:58//Z96810
 R-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds.//1.2e-104:545:95//AB011126
 20 R-HEMBA1002770//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//3.0e-07:523:59//AC005140
 R-HEMBA1002777
 R-HEMBA1002779//Human HepG2 3' region Mbol cDNA, clone hmd1e03m3.//9.4e-25:158:93//D17139
 25 R-HEMBA1002780//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORKING DRAFT SEQUENCE.//1.6e-42:463:75//AL022344
 R-HEMBA1002794//Plasmodium falciparum MAL3P8, complete sequence.//2.2e-05:417:59//AL034560
 R-HEMBA1002801//Meloidogyne javanica mitochondrial transfer RNA His, 16S ribosomal RNA (16S rRNA) genes, ND3 gene, complete cds, and cytochrome b gene, 5' end of CDS.//0.00055:444:59//L76261
 R-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds.//4.4e-115:559:97//AF071185
 30 R-HEMBA1002816//Homo sapiens clone NH0576N21, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.3e-88:329:94//AC005043
 R-HEMBA1002826//Homo sapiens genomic DNA, chromosome 21q11.1, segment 12/28, WORKING DRAFT SEQUENCE.//1.9e-22:262:67//AP000041
 R-HEMBA1002833//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//1.3e-79:396:97//AC004707
 35 R-HEMBA1002850//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.013:393:61//AC005506
 R-HEMBA1002863//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence.//4.1e-73:489:85//AC005562
 40 R-HEMBA1002876//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.21:549:55//AL034557
 R-HEMBA1002886//CIT-HSP-2013C4.TR CIT-HSP Homo sapiens genomic clone 2013C4, genomic survey sequence.//0.30:431:56//B53836
 R-HEMBA1002896//Homo sapiens SH3-containing adaptor molecule-1 mRNA, complete cds.//3.9e-106:541:95//AF037261
 45 R-HEMBA1002921
 R-HEMBA1002924//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 7/10.//4.6e-19:139:78//AB020875
 R-HEMBA1002934//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//7.5e-45:282:89//AL031681
 50 R-HEMBA1002935//CIT-HSP-2282P14.TFB CIT-HSP Homo sapiens genomic clone 2282P14, genomic survey sequence.//1.5e-102:514:97//AQ008584
 R-HEMBA1002937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 745114, WORKING DRAFT SEQUENCE.//3.3e-87:444:97//AL033532
 55 R-HEMBA1002939
 R-HEMBA1002944//HS_3107_A1_C05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3107 Col=9 Row=E, genomic survey sequence.//6.3e-21:250:73//AQ103952
 R-HEMBA1002951//Xerolycosa miniata mitochondrial 12S rRNA gene.//0.013:228:63//AJ008020

- R-HEMBA1002954//HS_3246_A2_G09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3246 Col=18 Row=M, genomic survey sequence.//5.8e-42:258:91//AQ218005
R-HEMBA1002968//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//4.2e-38:300:83//AC005553
- 5 R-HEMBA1002970//Slime mold (D.discoideum) prestalk D11 gene, complete cds.//5.0e-05:541:57//M11012
R-HEMBA1002971//Homo sapiens mRNA for KIAA0679 protein, partial cds.//7.2e-29:162:99//AB014579
R-HEMBA1002973//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//9.1e-36:520:69//AC006128
- 10 R-nnnnnnnnnnnn//Homo Sapiens Chromosome X clone bWXD691, complete sequence.//0.00040:504:59//AC004386
R-HEMBA1002999//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//3.7e-66:556:79//U19614
R-HEMBA1003021//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT SEQUENCE, 17 unordered pieces.//1.6e-44:530:70//AC000406
- 15 R-HEMBA1003033//Homo sapiens full-length insert cDNA clone ZC34B10.//4.6e-78:414:94//AF086194
R-HEMBA1003034//Homo sapiens chromosome 19, cosmid R29351, complete sequence.//9.0e-52:322:75//AC004026
R-HEMBA1003035//HS_2008_A2_G08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2008 Col=16 Row=M, genomic survey sequence.//4.0e-68:343:97//AQ269839
- 20 R-HEMBA1003037//347G15.TVB CIT978SKA1 Homo sapiens genomic clone A-347G15, genomic survey sequence.//0.57:188:58//B17694
R-HEMBA1003041//Homo sapiens PAC clone DJ1163J12 from 7q21.2-q31.1, complete sequence.//6.3e-30:350:72//AC004983
R-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds.//4.1e-118:578:97//AF054182
- 25 R-HEMBA1003064//Human cosmid LL12NC01-N-136B11, located centromeric to the ETV6 gene, chromosome 12p12-13.//0.0018:271:60//U59962
R-HEMBA1003067//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 633019, WORKING DRAFT SEQUENCE.//5.3e-48:464:76//AL022302
- 30 R-HEMBA1003071//CIT-HSP-2370D6.TR CIT-HSP Homo sapiens genomic clone 2370D6, genomic survey sequence.//0.19:48:87//AQ110136
R-HEMBA1003077//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//4.9e-69:494:84//U42975
R-HEMBA1003078//Human DNA sequence from PAC 339A18 on chromosome Xp11.2. Contains KIAA0178 gene, similar to mitosis-specific chromosome segregation protein SMC1 of S.cerevisiae, DNA binding protein similar to URE-B1, ESTs and STS.//1.1e-11:331:64//Z97054
- 35 R-HEMBA1003079//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//4.6e-116:576:98//AC004673
R-HEMBA1003083//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0442P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.1e-43:280:83//AC005798
- 40 R-HEMBA1003086//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3-unordered pieces.//1.2e-43:281:88//AC006039
R-HEMBA1003096//Human DNA sequence from clone J506G21, WORKING DRAFT SEQUENCE.//0.00037:421:59//Z82213
- 45 R-HEMBA1003098//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0024K08; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.4e-30:303:78//AC005598
R-HEMBA1003117
R-HEMBA1003129//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 407F11, WORKING DRAFT SEQUENCE.//7.9e-11:109:85//AL022329
- 50 R-HEMBA1003133//Homo sapiens chromosome 9, P1 clone 11659, complete sequence.//3.9e-99:484:98//AC004472
R-HEMBA1003136//CIT-HSP-2281L22.TF CIT-HSP Homo sapiens genomic clone 2281L22, genomic survey sequence.//2.0e-10:93:92//B99861
R-HEMBA1003142//Homo sapiens 12q24.2 PAC RPC11-128M12 (Roswell Park Cancer Institute Human PAC library) complete sequence.//9.8e-40:270:87//AC004024
- 55 R-HEMBA1003148//Homo sapiens mRNA for dachshund protein.//1.1e-116:586:96//AJ005670
R-HEMBA1003166//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//6.4e-35:364:70//Z83822

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R-HEMBA1003175//Human IFNAR gene for interferon alpha/beta receptor.//1.9e-30:282:77//X60459
R-HEMBA1003197
R-HEMBA1003199//HS_2166_A1_E12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2166 Col=23 Row=I, genomic survey sequence.//0.00026:271:61//AQ164162
5 R-HEMBA1003202//Homo sapiens clone DJ0592G07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
5.4e-44:291:83//AC005480
R-HEMBA1003204//Human BAC clone RG072E11 from 7q21-7q22, complete sequence.//3.1e-10:293:62//
AC000118
R-HEMBA1003212//Homo sapiens clone DJ0902E20, WORKING DRAFT SEQUENCE, 1 unordered pieces.//1.0:
10 118:69//AC006148
R-HEMBA1003220//HS_3092_B1_F09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3092 Col=17 Row=L, genomic survey sequence.//0:00014:59:91//AQ128202
R-HEMBA1003222//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y43F8,
WORKING DRAFT SEQUENCE.//0.84:214:62//Z95393
15 R-HEMBA1003229//RPCI11-16F15.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-16F15, genomic survey
sequence.//0.42:167:64//B83610
R-HEMBA1003235//CIT-HSP-2320G19.TF CIT-HSP Homo sapiens genomic clone 2320G19, genomic survey se-
quence.//3.6e-36:195:81//AQ037231
R-HEMBA1003250//HS_2168_A2_C09_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2168 Col=18 Row=E, genomic survey sequence.//1.4e-22:158:89//AQ125356
20 R-HEMBA1003257//Human PCP4 gene, exon 3 and complete cds.//0.96:268:61//U53709
R-HEMBA1003273//Homo sapiens Xp22 BAC GS-377014 (Genome Systems Human BAC library) complete se-
quence.//1.0e-32:255:84//AC002549
R-HEMBA1003276//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
25 DRAFT SEQUENCE, 5 unordered pieces.//0.0044:212:60//AC005308
R-HEMBA1003278//Homo sapiens 12q24.1 PAC RPCI1-315L5 (Roswell Park Cancer Institute Human PAC library)
complete sequence.//1.1e-34:286:74//AC002395
R-HEMBA1003281//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1
ordered pieces.//1.8e-53:428:83//AC005840
30 R-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds.//3.0e-115:551:99//AB011109
R-HEMBA1003296//CIT-HSP-2196L16.TR CIT-HSP Homo sapiens genomic clone 2196L16, genomic survey se-
quence.//2.9e-20:337:65//AQ003073
R-HEMBA1003304//Sequence 23 from patent US 5552281.//1.8e-31:179:97//I25662
R-HEMBA1003309//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K19E20, complete se-
35 quence.//0.00019:334:60//AB017061
R-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds.//2.8e-111:545:97//
AB001872
R-HEMBA1003322//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS,
GSS, complete sequence.//0.60:274:61//AL022153
40 R-HEMBA1003327//Homo sapiens BAC clone RG351J01 from 7q22-q31, complete sequence.//0.00028:172:65//
AC005099
R-HEMBA1003328//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//
2.2e-44:268:90//AC005081
R-HEMBA1003330//Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds.//2.7e-61:312:97//
45 AF026029
R-HEMBA1003348//***ALU WARNING: Human Alu-J subfamily consensus sequence.//7.2e-38:186:83//U14567
R-HEMBA1003369//Caenorhabditis elegans cosmid F59C6, complete sequence.//0.00012:465:59//Z79600
R-HEMBA1003370//Homo sapiens chromosome 17, clone hRPC867C24, complete sequence.//3.2e-42:301:87//
AC002558
50 R-HEMBA1003373//Human DNA sequence from clone 109F14 on chromosome 6p21.2-21.3. Contains the alter-
natively spliced gene for Transcriptional Enhancer Factor TEF-5, the 60S Ribosomal Protein RPL10A gene, a
PUTATIVE ZNF127 LIKE gene, and the PPAR for Peroxisome Proliferator Activated Receptor Delta (PPAR-Delta,
PPAR-Beta, Nuclear Hormone Receptor 1, NUC1, NUCI, PPARB). Contains three putative CpG islands, ESTs,
STSs, GSSs and a ca repeat polymorphism, complete sequence.//7.4e-34:375:74//AL022721
55 R-HEMBA1003376//Homo sapiens chromosome 16, cosmid clone RT102 (LANL), complete sequence.//1.6e-46:
309:88//AC004651
R-HEMBA1003380//HS_3184_B2_E06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3184 Col=12 Row=J, genomic survey sequence.//1.0e-35:237:88//AQ189144

- R-HEMBA1003384//HS_2193_B2_H08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2193 Col=16 Row=P, genomic survey sequence.//0.00029:96:76//AQ032212
- R-HEMBA1003395//Homo sapiens chromosome 17, clone HCIT169H9, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.6e-21:139:86//AC002993
- 5 R-HEMBA1003402//CIT-HSP-2166E19.TR CIT-HSP Homo sapiens genomic clone 2166E19, genomic survey sequence.//0.99:144:61//B91549
- R-nnnnnnnnnnnnn
- R-HEMBA1003417//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS, complete sequence.//2.5e-112:547:98//AL031321
- 10 R-HEMBA1003418//Homo sapiens PAC clone DJ0755G17 from 7p21-p22, complete sequence.//0.082:352:59//AC004879
- R-HEMBA1003433//Homo sapiens cell cycle regulatory protein p95 (NBS1) mRNA, complete cds.//9.9e-114:544:98//AF058696
- R-HEMBA1003461
- 15 R-HEMBA1003463
- R-HEMBA1003480//Homo sapiens clone NH0523H20, complete sequence.//9.1e-106:533:96//AC005041
- R-HEMBA1003528
- R-HEMBA1003531//Human BAC clone GS552A01 from 7q21-q22, complete sequence.//3.4e-08:333:64//AC002454
- 20 R-HEMBA1003538//Human mRNA for complement component C1r.//1.4e-23:333:68//X04701
- R-HEMBA1003545//Zebrafish mRNA for zfls1-2 (insulin gene enhancer binding protein homolog), complete cds.//0.030:144:68//D38453
- R-HEMBA1003548//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0017:487:57//AC004153
- 25 R-HEMBA1003555//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 371H6, WORKING DRAFT SEQUENCE.//2.8e-99:503:96//AL031718
- R-HEMBA1003556//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//1.6e-114:574:97//AC005913
- R-HEMBA1003560//Diplolepis rosae microsatellite clone DR04096.//0.24:116:67//AF034416
- 30 R-HEMBA1003568//Homo sapiens clone NH0215P16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.9e-05:422:63//AC006036
- R-HEMBA1003569//Homo sapiens full-length insert cDNA clone ZD82D06.//8.7e-108:545:95//AF086450
- R-HEMBA1003571//Homo sapiens PAC clone DJ0886O08 from 7q32-q35, complete sequence.//4.6e-51:570:71//AC004914
- 35 R-HEMBA1003579//HS_3237_B2_E05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3237 Col=10 Row=J, genomic survey sequence.//8.5e-97:495:95//AQ209302
- R-HEMBA1003581//Mouse mRNA for talin.//8.3e-12:128:82//X56123
- R-HEMBA1003591//Homo sapiens chromosome 16, BAC clone 2603 (LANL), complete sequence.//2.9e-87:251:95//AC005774
- 40 R-HEMBA1003595//Homo sapiens DNA sequence from BAC 1216H12 on chromosome 22q12. Contains a pseudogene with similarity to part of mouse Ninein and the KIAA0609 gene for a protein similar to C. elegans K09C8.4. Contains ESTs, GSSs and a ggtt repeat polymorphism, complete sequence.//4.5e-52:384:83//AL008715
- R-HEMBA1003597//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5') two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and STSs, complete sequence.//4.6e-41:442:74//Z84480
- 45 R-HEMBA1003598//Homo sapiens PAC clone DJ0537P09 from 7p11.2-p12, complete sequence.//1.8e-23:177:88//AC005153
- R-HEMBA1003615
- R-HEMBA1003617//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.039:494:57//AC005139
- 50 R-HEMBA100362111*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0052I22; HTGS phase 1, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.3e-26:309:75//AC004599
- R-HEMBA1003622//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//7.1e-56:545:75//AC002980
- 55 R-HEMBA1003630//Homo sapiens CC chemokine gene cluster, complete sequence.//2.8e-32:546:68//AF088219
- R-HEMBA1003637//Human BAC clone GS552A01 from 7q21-q22, complete sequence.//8.0e-25:457:68//AC002454
- R-HEMBA1003640//Homo sapiens chromosome X, PAC 671D9, complete sequence.//2.8e-40:280:86//AF031078

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R-HEMBA1003645//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//1.7e-33:297:82//AL023693

R-HEMBA1003646//Plasmodium falciparum MAL3P7, complete sequence.//0.44:319:59//AL034559

5 R-HEMBA1003656//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//6.9e-36:242:80//AC004382

R-HEMBA1003662//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//8.6e-117:588:96//AC005746

R-HEMBA1003667//Sequence 8 from patent US 5420245.//1.8e-21:170:88//I12222

10 R-HEMBA1003679//Homo sapiens BAC clone RG114B19 from 7q31.1, complete sequence.//1.6e-22:180:87//AC005065

R-HEMBA1003680//C. elegans cosmid ZK353.//1.1e-06:270:61//L15313

R-HEMBA1003684//Colias alexandra alexandra cytochrome oxidase subunit I (cox1) gene, mitochondrial gene encoding mitochondrial protein, partial cds.//0.77:171:66//AF044872

15 R-HEMBA1003690//Homo sapiens 12q13.1 PAC RPCI5-1057120 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.6e-104:523:97//AC004466

R-HEMBA1003692//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//1.7e-41:414:77//AL021707

R-HEMBA1003711//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT SEQUENCE, 17 unordered pieces.//1.6e-29:304:77//AC000406

20 R-HEMBA1003714

R-HEMBA1003715//Homo sapiens chromosome 16p11.2 BAC clone CIT987SK-A-685D8, WORKING DRAFT SEQUENCE, 16 unordered pieces.//1.4e-63:578:77//AC005136

R-HEMBA1003720//Homo sapiens, WORKING DRAFT SEQUENCE, 135 unordered pieces.//2.4e-36:350:78//AC002353

25 R-HEMBA1003725//Homo sapiens chromosome 19, cosmid R31973, complete sequence.//6.3e-42:250:75//AC004699

R-HEMBA1003729//RPCI11-22D14.TV RPCI-11 Homo sapiens genomic clone RPCI-11-22D14, genomic survey sequence.//1.0:234:62//B86158

30 R-HEMBA1003733//Human DNA sequence from clone 396D17 on chromosome 1p33-35.3 Contains EST, STS, GSS, complete sequence.//7.7e-80:558:83//AL008634

R-HEMBA1003742//HS_3080_B2_H06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3080 Col=12 Row=P, genomic survey sequence.//3.4e-55:331:91//AQ139179

R-HEMBA1003758//Human DNA sequence from PAC 295C6 on chromosome 1q24. Contains ESTs, CA repeat, STS and CpG island.//4.5e-59:521:75//Z97876

35 R-HEMBA1003760

R-HEMBA1003773//Mus musculus signal recognition particle receptor beta subunit mRNA, complete cds.//2.6e-72:467:86//U17343

R-HEMBA1003783//Mus musculus bromodomain-containing protein BP75 mRNA, complete cds.//1.0e-77:557:81//AF084259

40 R-HEMBA1003784

R-HEMBA1003799//Homo sapiens PAC clone DJ1032B10 from 7p15.3-p21, complete sequence.//2.1 e-49:390:72//AC004455

R-HEMBA1003803

45 R-HEMBA1003804//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//9.4e-99:359:99//AC004596

R-HEMBA1003805//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence.//8.0e-113:567:96//AL031781

50 R-HEMBA1003807//Bovine dinucleotide microsatellite HUII77.//5.4e-18:194:78//M96348

R-HEMBA1003836//Human DNA from overlapping chromosome 19 cosmids R31396, F2545L and R31076 containing COX6B and UPKA, genomic sequence, complete sequence.//3.4e-40:256:85//AC002115

R-HEMBA1003838//CIT-HSP-2380F18.TF CIT-HSP Homo sapiens genomic clone 2380F18, genomic survey sequence.//9.7e-25:150:96//AQ196624

55 R-HEMBA1003856//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSs, GSSs and a CA repeat polymorphism, complete sequence.//4.8e-33:486:68//Z93929

R-HEMBA1003864//, complete sequence.//4.4e-100:531:94//AC005300

- R-HEMBA1003866//HS_3203_B2_C01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3203 Col=2 Row=F, genomic survey sequence.//2.6e-05:206:64//AQ180298
R-HEMBA1003879//Homo sapiens chromosome 10 clone CIT987SK-1119P3 map 10q25.1, WORKING DRAFT SEQUENCE, 1 ordered pieces.//4.7e-17:170:79//U82207
- 5 R-HEMBA1003880//Homo sapiens genomic DNA, chromosome 21q11.1, segment 7/28, WORKING DRAFT SEQUENCE.//7.8e-103:526:96//AP000036
R-HEMBA1003885//Human apolipoprotein apoC-IV (APOC4) gene, complete cds.//3.5e-45:299:87//U32576
R-HEMBA1003893//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1137F22, WORKING DRAFT SEQUENCE.//1.1e-41:386:77//AL034421
- 10 R-HEMBA1003902//HS_3031_B2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3031 Col=14 Row=J, genomic survey sequence.//5.3e-50:293:93//AQ165549
R-HEMBA1003908//CIT-HSP-2367K7.TR CIT-HSP Homo sapiens genomic clone 2367K7, genomic survey sequence.//1.2e-32:220:92//AQ076795
R-HEMBA1003926//Homo sapiens chromosome 5, BAC clone 194j18 (LBNL H158), complete sequence.//3.1e-58:294:85//AC005368
- 15 R-HEMBA1003937//Homo sapiens chromosome 3 subtelomeric region.//8.0e-111:590:93//AF109718
R-HEMBA1003939
R-HEMBA1003942//Homo sapiens clone DJ0828F13, complete sequence.//2.2e-08:474:58//AC004904
R-HEMBA1003950//Plasmodium vivax from Brazil cytochrome b (cytb) gene, mitochondrial gene encoding mitochondrial protein, partial cds.//0.034:258:62//AF069619
- 20 R-HEMBA1003953//Plasmodium falciparum MAL3P8, complete sequence.//0.096:492:57//AL034560
R-HEMBA1003958//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 64K7, WORKING DRAFT SEQUENCE.//7.3e-40:382:78//AL031668
R-HEMBA1003959//Amaranthus hypochondriacus betaine aldehyde dehydrogenase (ahybadh4) gene, complete cds.//0.11:428:60//AF000132
- 25 R-HEMBA1003976//Homo sapiens PAC clone DJ0724E13 from 7p11.2-p12, complete sequence.//1.0:222:62//AC004414
R-HEMBA1003978//Sequence 31 from patent US 5708157.//1.9e-14:159:77//I80060
R-HEMBA1003985//Homo sapiens 12p13.3 PAC RPCI5-927J10 (Roswell Park Cancer Institute Human PAC library) complete sequence.//5.6e-14:136:83//AC004804
- 30 R-HEMBA1003987//Human chromosome 12p13 sequence, complete sequence.//3.2e-26:268:79//U47924
R-HEMBA1003989//RPCI11-52K22.TJ RPCI11 Homo sapiens genomic clone R-52K22, genomic survey sequence.//2.2e-86:443:95//AQ052484
R-HEMBA1004000
- 35 R-HEMBA1004011
R-HEMBA1004012//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//4.7e-38:284:85//AC005670
R-HEMBA1004015//Human DNA sequence from clone 931E15 on chromosome Xq25. Contains STSs, GSSs and genomic marker DXS8098, complete sequence.//0.48:460:58//AL023575
- 40 R-HEMBA1004024//Homo sapiens clone RG270D13, WORKING DRAFT SEQUENCE, 18 unordered pieces.//2.5e-21:159:80//AC005081
R-HEMBA1004038//Homo sapiens Xq28 BAC RPCI11-382P7 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//7.9e-10:231:66//AC006054
R-HEMBA1004042//Homo sapiens clone DJ0968I16, complete sequence.//0.00071:263:68//AC006016
- 45 R-HEMBA1004045//Homo sapiens PAC clone DJ0074M20 from X, complete sequence.//8.8e-23:196:69//AC006143
R-HEMBA1004048//CIT-HSP-2288N20.TF CIT-HSP Homo sapiens genomic clone 2288N20, genomic survey sequence.//0.013:162:67//AQ007283
R-HEMBA1004049//Human hsp 70 gene 3' region for 70 kDa heat shock protein.//7.7e-30:176:96//X04677
- 50 R-HEMBA1004055//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//8.4e-05:395:63//AC005504
R-HEMBA1004056//Homo sapiens clone DJ0847008, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.5e-61:551:77//AC005484
R-HEMBA1004074//Homo sapiens clone DJ1032D07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.98:275:63//AC004952
- 55 R-HEMBA1004086//Sequence 65 from patent US 5691147.//2.8e-54:313:92//I76237
R-HEMBA1004097//Mus musculus putative transcription factor mRNA, complete cds.//1.8e-11:323:63//AF091234
R-HEMBA1004131//Human mRNA for KIAA0128 gene, partial cds.//9.3e-42:534:69//D50918

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R-HEMBA1004132//Homo sapiens chromosome 17, clone hCIT.211_P_7, complete sequence.//6.0e-49:491:76//AC003665

R-HEMBA1004133//HS_3229_B2_E09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3229 Col=18 Row=J, genomic survey sequence.//1.1e-72:374:97//AQ192003

5 R-HEMBA1004138//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 417M14, WORKING DRAFT SEQUENCE.//3.1e-09:277:66//AL024498

R-HEMBA1004143//Plasmodium falciparum MAL3P4, complete sequence.//0.53:239:61//AL008970

R-HEMBA1004146//Homo sapiens clone DJ0038110, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.0e-35:165:88//AC004820

10 R-HEMBA1004150//CITBI-E1-2517I2.TR CITBI-E1 Homo sapiens genomic clone 2517I2, genomic survey sequence.//0.56:379:59//AQ277616

R-HEMBA1004164//Human BAC clone GS200K05 from 7q21-q22, complete sequence.//4.6e-49:448:77//AC002429

R-HEMBA1004168//Homo sapiens geminin mRNA, complete cds.//2.4e-110:563:96//AF067855

15 R-HEMBA1004199//S.pombe chromosome I cosmid c8A4.//0.73:187:64//Z66569

R-HEMBA1004200//Homo sapiens Xp22 BAC GSHB-184P14 (Genome Systems Human BAC library) complete sequence.//6.3e-30:293:77//AC004552

R-HEMBA1004202//rah=ras-related homolog [mice, HT4 neural cell line, mRNA, 993 nt].//3.0e-64:517:80//S72304

R-HEMBA1004203//Homo sapiens clone NH0313P13, WORKING DRAFT SEQUENCE, 15 unordered pieces.//1.0e-97:303:98//AC005488

20 R-HEMBA1004207//Homo sapiens leptin receptor short form (db) mRNA, complete cds.//3.6e-116:573:97//U50748

R-HEMBA1004225//Drosophila melanogaster mitochondrial DNA with 12 tRNAs and 7 genes.//5.4e-11:493:60//M37275

25 R-HEMBA1004227//Rattus norvegicus protein phosphatase 2C mRNA, complete cds.//6.1e-76:443:86//AF095927

R-HEMBA1004238//Homo sapiens chromosome 19, cosmid R28341, complete sequence.//1.1e-42:330:83//AC005763

R-HEMBA1004241

30 R-HEMBA1004246//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 4/15, WORKING DRAFT SEQUENCE.//1.1e-45:288:85//AP000011

R-HEMBA1004248//Homo sapiens PAC clone DJ0828B12 from 7q11.23-q21.1, complete sequence.//5.2e-09:516:61//AC004903

R-HEMBA1004264

35 R-HEMBA1004267//HS_2255_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2255 Col=24 Row=O, genomic survey sequence.//8.6e-59:318:95//AQ068854

R-HEMBA1004272//Homo sapiens 12p13.3 PAC RPCIS-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.1e-113:576:96//AC005831

R-nnnnnnnnnnn//Homo sapiens clone 617 unknown mRNA, complete sequence.//4.4e-110:553:96//AF091081

40 R-HEMBA1004276

R-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds.//1.9e-106:538:97//AF022795

R-HEMBA1004289//RPCI11-74010.TJ RPCI11 Homo sapiens genomic clone R-74O10, genomic survey sequence.//2.3e-37:248:76//AQ266668

45 R-HEMBA1004295//Baboon apolipoprotein A-VI mRNA, 3' end.//0.0016:273:64//L13174

R-HEMBA1004306//HS_3175_B2_F01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3175 Col=2 Row=L, genomic survey sequence.//1.6e-28:190:77//AQ169206

R-HEMBA1004312//Human BAC clone RG119P24 from 7q31, complete sequence.//6.3e-36:267:82//AC003088

R-HEMBA1004321//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC 10155, WORKING DRAFT SEQUENCE.//4.1e-111:576:95//AJ009611

50 R-HEMBA1004323//CIT-HSP-2374C8.TR CIT-HSP Homo sapiens genomic clone 2374C8, genomic survey sequence.//2.7e-42:136:91//AQ114933

R-HEMBA1004327//CIT-HSP-2303L24.TF CIT-HSP Homo sapiens genomic clone 2303L24, genomic survey sequence.//1.0:78:67//AQ017600

55 R-HEMBA1004330//Homo sapiens clone DJ1173120, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.3e-119:580:98//AC004987

R-HEMBA1004334//Pimpinella brachycarpa Phybl mRNA, complete cds.//3.3e-14:238:69//AF082024

R-HEMBA1004335//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-116A10, complete sequence.//1.8e-

21:291:71//AC004638
 R-HEMBA1004341
 R-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds.//4.1e-74:444:90//D89667
 R-HEMBA1004354//Human DNA from overlapping chromosome 19-specific cosmids R29515 and R28253, ge-
 5 nomic sequence, complete sequence.//7.0e-38:287:82//AC003002
 R-HEMBA1004356//Sequence 2 from patent US 5652144.//3.7e-108:588:92//I58611
 R-HEMBA1004366//WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.8e-14:446:63//AC005949
 R-HEMBA1004372//CIT-HSP-2005C13.TF CIT-HSP Homo sapiens genomic clone 2005C13, genomic survey se-
 quence.//0.010:334:61//B55811
 10 R-HEMBA1004389//Homo sapiens full-length insert cDNA clone ZE09A11.//1.5e-19:170:83//AF086540
 R-HEMBA1004394//Human (D21S198) DNA segment containing (TG)23 repeat.//1.0:50:84//X58124
 R-HEMBA1004396//Homo sapiens chromosome 4 clone B240N9 map 4q25, complete sequence.//8.2e-34:459:
 69//AC004057
 R-HEMBA1004405//Homo sapiens BAC clone GS589P19 from 7p13-p14, complete sequence.//2.8e-42:314:84//
 15 AC005030
 R-HEMBA1004408
 R-HEMBA1004429//M.musculus of DNA encoding DNA-binding protein.//1.6e-66:449:82//Z54200
 R-HEMBA1004433//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete
 sequence bases 1..333303.//7.2e-32:460:68//AJ011930
 20 R-HEMBA1004460//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//
 3.9e-113:581:96//AC004846
 R-HEMBA1004461//HS_3244_A2_F12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3244 Col=24 Row=K, genomic survey sequence.//8.0e-83:397:99//AQ220876
 R-HEMBA1004479//Homo sapiens PAC clone DJ0942116 from 7q11, complete sequence.//1.7e-40:485:70//
 25 AC006012
 R-HEMBA1004482//Plasmodium falciparum chromosome 2, section 7 of 73 of the complete sequence.//2.2e-11:
 513:59//AE001370
 R-HEMBA1004502//Homo sapiens chromosome 17, clone hRPK.372_K_20, complete sequence.//2.0e-08:245 :
 66//AC005951
 30 R-HEMBA1004506//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34606, WORKING
 DRAFT SEQUENCE.//4.2e-81:582:83//Z84487
 R-HEMBA1004507//Caenorhabditis elegans cosmid C40C9, complete sequence.//0.56:235:64//Z70266
 R-HEMBA1004509
 R-HEMBA1004534//Sequence 58 from patent US 5691147.//1.9e-61:430:83//I76230
 35 R-HEMBA1004538//HS_3189_B2_C03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3189 Col=6 Row=F, genomic survey sequence.//6.1e-21:140:92//AQ170330
 R-HEMBA1004554//CIT-HSP-712K9.TP CIT-HSP Homo sapiens genomic clone 712K9, genomic survey se-
 quence.//1.7e-16:116:93//B73329
 R-HEMBA1004560//Human mRNA for KIAA0281 gene, complete cds.//2.2e-14:213:71//D87457
 40 R-HEMBA1004573
 R-HEMBA1004577//Human DNA sequence from cosmid L247F6, Huntington's Disease Region, chromosome
 4p16.3 contains protein similar to Mouse SH3 binding protein 3BP2, multiple ESTs and a CpG island.//1.0:352:
 60//Z68279
 R-HEMBA1004586
 45 R-nnnnnnnnnnnn//Plasmodium falciparum MAL3P6, complete sequence.//0.0012:359:60//Z98551
 R-HEMBA1004610//S.pombe chromosome II cosmid c354.//0.0011:362:62//AL022071
 R-HEMBA1004617//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501.//1.4e-50:327:85//
 AB007970
 R-HEMBA1004629//Homo sapiens Xp22 bins 16-17 BAC GSHB-531I17 (Genome Systems Human BAC Library)
 complete sequence.//4.4e-13:527:63//AC004805
 50 R-HEMBA1004631//Rattus norvegicus Nclone10 mRNA.//2.9e-24:364:71//U31866
 R-HEMBA1004632
 R-HEMBA1004637//Homo sapiens clone DJ0982E09, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 7.7e-117:573:98//AC005534
 55 R-HEMBA1004638//H.sapiens mRNA for DGCR2.//3.8e-19:118:99//X84076
 R-HEMBA1004666//Arabidopsis thaliana chromosome II BAC T4E14 genomic sequence, complete sequence.//
 0.00013:501:58//AC005171
 R-HEMBA1004669//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel

genes, ESTs, GSSs and CpG islands, complete sequence.//1.5e-120:571:98//AL031432
 R-HEMBA1004670//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 222E13, WORKING
 DRAFT SEQUENCE.//4.4e-12:110:88//Z93241
 R-HEMBA1004672//Human DNA sequence from PAC 308I13 on chromosome 1p35-1p36.3.//3.4e-38:324:81//
 5 Z99291
 R-HEMBA1004693//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MPO12, complete sequence.//
 0.86:309:57//AB006702
 R-HEMBA1004697//T33B22TF TAMU Arabidopsis thaliana genomic clone T33B22, genomic survey sequence.//
 0.29:331:61//B97342
 10 R-HEMBA1004705//Plasmodium falciparum MAL3P7, complete sequence.//0.051:424:58//AL034559
 R-HEMBA1004709//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-116A10, complete sequence.//1.7e-
 49:497:76//AC004638
 R-HEMBA1004711//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence.//1.6e-38:362:
 79//AC005562
 15 R-HEMBA1004725
 R-HEMBA1004730//Homo sapiens Chromosome 17p13 Cosmid Clone cos26, complete sequence.//1.1e-58:489:
 79//AC002085
 R-HEMBA1004733
 R-HEMBA1004734//Human DNA sequence from clone 273N12 on chromosome 6q16.1-16.3. Contains the gene
 20 for the N-Oct5a (N-Oct3, N-Oct5b) POU domain proteins and an unknown gene. Contains a putative CpG island,
 ESTs, STS; and GSSs, complete sequence.//0.0030:362:61//AL022395
 R-HEMBA1004736//Homo sapiens clone DJ0981O07, complete sequence.//1.9e-58:282:87//AC006017
 R-HEMBA1004748//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence.//3.6e-34:287:
 81//AC004953
 25 R-HEMBA1004751//Human DNA sequence from PAC 507I15 on chromosome Xq26.3-27.3. Contains 60S ribos-
 omal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat.//5.3e-40:266:89//Z98950
 R-HEMBA1004752//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 495010, WORKING
 DRAFT SEQUENCE.//3.3e-39:281:85//AL031121
 R-HEMBA1004753//Homo sapiens ribosomal protein S20 (RPS20) mRNA, complete cds.//2.6e-65:475:84//
 30 L06498
 R-HEMBA1004756//Homo sapiens DNA sequence from PAC 86C11 on chromosome 6p21.31-22.1. Contains his-
 tone genes H2A/1,H2B.1A,H4,H2A.1b,H3 pseudogene, pheromone receptor pseudogene, ESTs, STS and CpG
 island.//1.8e-08:516:59//AL021807
 R-HEMBA1004758//Homo sapiens chromosome 4 clone B240N9 map 4q25, complete sequence.//5.1e-45:577:
 35 72//AC004057
 R-HEMBA1004763
 R-HEMBA1004768//Human DNA sequence from clone 395P12 on chromosome 1q24-25. Contains the TXGP1
 gene for tax-transcriptionally activated glycoprotein 1 (34kD) (OX40 ligand, OX40L) and a GOT2 (Aspartate Ami-
 notransferase, mitochondrial precursor, EC 2.6.1.1, Transaminase A, Glutamate Oxaloacetate Transaminase-2)
 40 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//4.1e-60:435:78//AL022310
 R-HEMBA1004770//Plasmodium falciparum chromosome 2, section 8 of 73 of the complete sequence.//8.7e-05:
 476:61//AE001371
 R-HEMBA1004771//Homo sapiens Xp22 Cosmid U152D7 (Lawrence Livermore human cosmid library) complete
 sequence.//5.0e-08:113:80//AC003047
 45 R-HEMBA1004776
 R-HEMBA1004778//***ALU WARNING: Human Alu-J subfamily consensus sequence.//1.1e-35:288:84//U14567
 R-nnnnnnnnnnnn/HS_3192_B1_F09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic
 clone Plate=3192 Col=17 Row=L, genomic survey sequence.//1.9e-44:233:98//AQ155855
 R-HEMBA1004803//Homo sapiens minisatellite ms31 repeat region.//3.0e-67:318:87//AF048728
 50 R-HEMBA1004806
 R-HEMBA1004807//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.6e-
 20:333:69//AC005015
 R-HEMBA1004816//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE
 LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.
 55 Contains polymorphic CA repeat.//6.3e-13:148:77//Z92545
 R-HEMBA1004820//Human arginine-rich nuclear protein mRNA, complete cds.//1.5e-12:141:85//M74002
 R-HEMBA1004847//Canine mRNA for 68kDA subunit of signal recognition particle (SRP68).//7.6e-80:297:85//
 X53744

- R-HEMBA1004850
 R-HEMBA1004863//Human DNA sequence from PAC 345P10 on chromosome 22q12-qter contains ESTs and STS and polymorphic CA repeat D22S927.//2.0e-14:159:79//Z82201
 R-HEMBA1004864
 5 R-HEMBA1004865//Homo sapiens Xp22-149 BAC RPC11-466O4 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//0.90:76:76//AC005297
 R-HEMBA1004880//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.9e-49:551:73//AC004826
 10 R-HEMBA1004889//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 223B1, WORKING DRAFT SEQUENCE.//0.0021:189:65//AL031943
 R-HEMBA1004900//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence.//6.6e-11:144:7711AC005972
 R-HEMBA1004909//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat and GSSs, complete sequence.//7.6e-46:341:83//Z98052
 15 R-HEMBA1004918//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 994L9, WORKING DRAFT SEQUENCE.//1.6e-54:301:89//AL034554
 R-HEMBA1004923//Homo sapiens 47kB DNA fragment from Xq28, proximal to MTM1 gene.//2.0e-07:182:69//Y15994
 R-HEMBA1004929
 20 R-HEMBA1004930//Homo sapiens chromosome 11 clone CIT987SK-1012F4, WORKING DRAFT SEQUENCE, 6 unordered pieces.//7.7e-66:547:79//AC005848
 R-HEMBA1004933//H.sapiens Humig mRNA.//0.13:233:62//X72755
 R-HEMBA1004934//CIT-HSP-2021I16.TF CIT-HSP Homo sapiens genomic-clone 2021I16, genomic survey sequence.//0.66:268:62//B65345
 25 R-HEMBA1004944//CIT-HSP-2281L12.TR CIT-HSP Homo sapiens genomic clone 2281L12, genomic survey sequence.//3.8e-20:104:82//B99849
 R-HEMBA1004954//Homo sapiens chromosome 17, clone hRPK.146_P_2, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.00082:385:60//AC005341
 R-HEMBA1004956//CIT-HSP-2305H22.TF CIT-HSP Homo sapiens genomic clone 2305H22, genomic survey sequence.//1.6e-84:411:99//AQ020408
 30 R-HEMBA1004960//Human DNA sequence from PAC 358H7 on chromosome X.//3.3e-22:249:74//Z77249
 R-HEMBA1004972//nbxb0003aF01f CUGI Rice BAC Library Oryza sativa genomic clone nbxb0003K01f, genomic survey sequence.//0.52:171:64//AQ049982
 R-HEMBA1004973//*** SEQUENCING IN PROGRESS *** EPM1/APECED region of chromosome 21, clones A68E8, B127P21, B173L3, B23N8, C1242C9, C579E2, A70B6, B159G9, B175D10, B52C10, C124G1 Note: Sequencing in this region has been discontinued by the Stanford Human Genome Center, WORKING DRAFT SE-
 35 QUENCE, 50 unordered pieces.//0.69:179:64//AC003656
 R-HEMBA1004977//Caenorhabditis elegans cosmid F08G2, complete sequence.//7.6e-07:492:58//Z81495
 R-HEMBA1004978//Human DNA sequence from clone 522P13 on chromosome 6p21.31-22.3. Contains a 60S Ribosomal Protein L21 pseudogene and an HNRNP A3 (Heterogenous Nuclear Riboprotein A3, FBRNP) pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//0.20:427:60//AL024509
 40 R-HEMBA1004980//CIT-HSP-2379K5.TF CIT-HSP Homo sapiens genomic clone 2379K5, genomic survey sequence.//1.6e-53:331:88//AQ108614
 R-HEMBA1004983//Genomic sequence from Human 17, complete sequence.//0.00061:473:58//AC000389
 45 R-HEMBA1004995//Homo sapiens chromosome 16, cosmid clone 306E5 (LANL), complete sequence.//1.6e-90:527:89//AC004224
 R-HEMBA10050087//Human DNA sequence from clone 461P17 on chromosome 20q12-13.2. Contains four novel (pseudo)genes for proteins with Kunitz/Bovine pancreatic trypsin inhibitor and/or WAP-type (Whey Acidic Protein) 'four-disulfide core' domains, COX6C (Cytochrome C Oxidase Polypeptide VIC, EC 1.9.3.1) and RPL5 (60S Ribosomal Protein L5) pseudogenes, a pseudogene similar to part of the HSPD1 (HSP60, Mitochondrial Matrix Protein P1 precursor, Heat Shock Protein 60, GROEL protein, HUCHA60) gene, and the Major Epididymis-specific protein E4 precursor (HE4, Epididymis Secretory protein E4, WAP-type (Whey Acidic Protein) 'four-disulfide core' domain) gene. Contains ESTs, an STS, GSSs and a putative CpG island, complete sequence.//5.4e-65:357:83//AL031663
 50 R-HEMBA1005009//Homo sapiens BAF53a (BAF53a) mRNA, complete cds.//5.6e-107:550:96//AF041474
 R-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds.//6.3e-104:542:94//AB014548
 R-HEMBA1005029//Homo sapiens DNA sequence from PAC 97D16 on chromosome 6p21.3-22.2. Contains an unknown pseudogene, a 60S Ribosomal protein L24 (L30) LIKE pseudogene and histone genes H2BFC (H2B/c),
 55

- H4FFP (H4/f pseudogene), H2AFC (H2A/c), H3F1K (H3.1/k) and a tRNA-Val pseudogene and tRNA-Thr gene. Contains ESTs, STSs, GSSs and genomic marker D6S464, complete sequence.//3.1e-67:493:83//AL009179
- R-HEMBA1005035//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//7.4e-101:537:94//AC004596
- 5 R-HEMBA1005039//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//9.5e-30:446:68//AL031650
- R-HEMBA1005047//Mus musculus mRNA for Rab24 protein.//1.4e-34:229:88//Z22819
- R-HEMBA1005050//Human Chromosome X PAC RPC11-290C9 from the Pieter de Jong Human PAC library; complete sequence.//4.0e-43:371:80//AC002404
- 10 R-HEMBA1005062//Homo sapiens chromosome 17, clone hCIT.186_H_2, complete sequence.//2.3e-15:269:66//AC004675
- R-HEMBA1005066//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//4.0e-30:305:74//AC006030
- R-HEMBA1005075
- 15 R-HEMBA1005079//Homo sapiens clone HS 19.11 Alu-Ya5 sequence.//6.5e-48:245:91//AF015156
- R-HEMBA1005083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//1.3e-15:142:83//AL034423
- R-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds.//5.3e-110:545:96//AF080561
- 20 R-HEMBA1005113//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y53C10, WORKING DRAFT SEQUENCE.//0.026:252:64//Z93340
- R-HEMBA1005123//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//7.1e-55:306:82//AL022336
- 25 R-HEMBA1005133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//6.4e-45:309:87//AL022345
- R-HEMBA1005149//Human cosmid LL12NC01-95H4, ETV6 gene, exon 2 and partial cds.//3.2e-31:310:76//U81834
- R-HEMBA1005152//Homo sapiens DNA sequence from PAC 13D10 on chromosome 6p22.3-23. Contains CpG island.//1.4e-33:361:79//AL021407
- 30 R-HEMBA1005159//Human DNA sequence from clone 163016 on chromosome 1p35.1-36.13 Contains CA repeat, STS, complete sequence.//2.7e-22:440:66//AL031279
- R-HEMBA1005185//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105E8, WORKING DRAFT SEQUENCE.//0.0017:381:58//AL022594
- 35 R-HEMBA1005201//P.falciparum complete gene map of plastid-like DNA (IR-B).//8.5e-05:457:57//X95276
- R-HEMBA1005202//Human 18S ribosomal RNA.//4.7e-38:236:91//X03205
- R-HEMBA1005219
- R-HEMBA1005223//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//1.0:209:65//AC004854
- 40 R-HEMBA1005232//Homo-sapiens chromosome Y, clone 264,M,20, complete sequence.//0.0040:439:58//AC004617
- R-HEMBA1005241//Homo sapiens PAC clone DJ0777023 from 7p14-p15, complete sequence.//4.2e-111:568:96//AC005154
- R-HEMBA1005244//HS_3092_B2_C11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3092 Col=22 Row=F, genomic survey sequence.//4.9e-12:116:84//AQ127947
- 45 R-HEMBA1005251//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//3.2e-27:210:84//AC004548
- R-HEMBA1005252//Homo sapiens chromosome 17, clone hRPK.318_A_15, complete sequence.//4.6e-105:437:97//AC005837
- 50 R-HEMBA1005274//Slime mold mitochondrial DNA, binding region to the membrane system.//0.011:339:59//D86630
- R-HEMBA1005275//Homo sapiens PAC clone DJ0886O08 from 7q32-q35, complete sequence.//3.4e-17:269:71//AC004914
- R-HEMBA1005293//Human DNA sequence from PAC 130N4, BRCA2 gene region chromosome 13q12-13 contains xs7 mRNA, ESTs.//6.9e-20:193:73//Z75887
- 55 R-HEMBA1005296//HS_3037_B1_D01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3037 Col=1 Row=H, genomic survey sequence.//0.26:184:64//AQ117120
- R-HEMBA1005304//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//

- 1.5e-58:445:78//AC006146
 R-HEMBA1005311//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796E4, WORKING DRAFT SEQUENCE.//9.3e-42:383:78//AL022337
- 5 R-HEMBA1005314//Caenorhabditis elegans cosmid F23H11.//0.80:179:65//AF003389
 R-HEMBA1005315//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//2.4e-40:409:71//AC006030
 R-HEMBA1005318//S.pombe chromosome I cosmid c2E11.//0.97:370:61//AL031181
 R-HEMBA1005331//Homo sapiens chromosome 17, clone hRPK.214_C_8, complete sequence.//1.9e-112:577:95//AC005803
- 10 R-HEMBA1005353//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 429E7, WORKING DRAFT SEQUENCE.//8.9e-80:406:97//AL031722
 R-HEMBA1005359//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.2e-50:320:84//AC005412
 R-HEMBA1005367//RPCI11-85E23.TV RPCI11 Homo sapiens genomic clone R-85E23, genomic survey sequence.//0.39:148:67//AQ281915
- 15 R-HEMBA1005372//Homo sapiens full-length insert cDNA YH93B03.//2.6e-108:557:95//AF074997
 R-HEMBA1005374//Homo sapiens full-length insert cDNA clone ZA95D11.//1.9e-110:531:98//AF086142
 R-HEMBA1005389//Human DNA sequence from clone 245G19 on chromosome Xp22.11-22.2 Contains serine-threonine kinase (Txp3) gene, a pseudogene similar to ALPHA-1 PROTEIN ((CONNEXIN 43, CX43, GAP JUNCTION 43 KD HEART PROTEIN)), and the 3' end of the RS (X-linked juvenile retinoschisis precursor protein) gene. Contains ESTs, STSs and GSSs, complete sequence.//6.0e-41:432:75//Z92542
- 20 R-HEMBA1005394//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 681N20, WORKING DRAFT SEQUENCE.//4.9e-107:585:93//AL031670
 R-HEMBA1005403//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//5.1e-118:586:97//AL034379
- 25 R-HEMBA1005408//Bos taurus retina membrane guanylate cyclase ROS-GC2 mRNA, complete cds.//1.6e-06:204:68//U95958
 R-HEMBA1005410//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING DRAFT SEQUENCE.//1.2e-23:452:66//AL008722
- 30 R-HEMBA1005411//RPCI11-66N19.TK RPCI11 Homo sapiens genomic clone R-66N19, genomic survey sequence.//2.2e-38:222:79//AQ237442
 R-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds.//5.6e-117:453:99//AF041248
- 35 R-HEMBA1005426//Human DNA sequence from PAC 448E20 on chromosome Xq26.1 contains ESTs and STS.//0.86:278:60//Z97196
 R-HEMBA1005443//Homo sapiens (clone s153) mRNA fragment.//5.4e-46:305:87//L40391
 R-HEMBA1005447//Human DNA sequence from clone 48G12 on chromosome Xq27.1-27.3. Contains STSs and GSSs, complete sequence.//3.3e-79:531:86//AL031054
- 40 R-HEMBA1005468//Homo sapiens PAC clone DJ0808G16 from 7q11.23-q21, complete sequence.//4.0e-27:469:66//AC004894
 R-HEMBA1005469//Homo sapiens chromosome 16, P1 clone 96-4B (LANL), complete sequence.//7.2e-40:410:76//AC005212
- 45 R-HEMBA1005472//Human DNA Sequence *** SEQUENCING IN PROGRESS *** from clone 1090E8, WORKING DRAFT SEQUENCE.//3.1e-40:296:85//AL033524
 R-HEMBA1005475//HS_2266_B2_C04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2266 Col=8 Row=F, genomic survey sequence.//0.49:209:61//AQ069377
- 50 R-HEMBA1005497
 R-HEMBA1005500//Homo sapiens PAC clone DJ1093O17 from 7q11.23-q21, complete sequence.//4.5e-116:580:97//AC004957
- 55 R-HEMBA1005506//Arabidopsis thaliana BAC T26D22.//0.0050:442:59//AF058826
 R-HEMBA1005508//Sigalphus sp. 16S ribosomal RNA gene, partial sequence.//0.020:391:59//AF003509
 R-HEMBA1005511//Human DNA sequence from PAC 52D1 on chromosome Xq21. Contains CA repeats, STS.//0.44:195:63//Z96811
- R-HEMBA1005517//Bovine herpesvirus type 1 early-intermediate transcription control protein (BICP4) gene, complete cds.//0.44:470:57//L14320
- R-HEMBA1005518//M.musculus mRNA for paladin gene.//6.2e-29:183:81//X99384
 R-HEMBA1005520//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//7.2e-40:281:86//AC004913

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R-HEMBA1005526//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//3.9e-40:482:73//Z97985

R-HEMBA1005528//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//3.8e-84:309:99//AB020860

5 R-HEMBA1005530//Homo sapiens PAC clone 946B23 SCA2 region, SP6 end, genomic sequence, genomic survey sequence.//8.1e-25:154:94//U84091

R-HEMBA1005548//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 970A17, WORKING DRAFT SEQUENCE.//5.3e-105:534:96//AL034431

10 R-HEMBA1005552//Homo sapiens PAC clone DJ0807C15 from 7q34-q36, complete sequence.//2.8e-69:432:88//AC004743

R-HEMBA1005558

R-HEMBA1005568//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete sequence.//5.9e-33:367:74//AC004087

R-HEMBA1005570//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//2.2e-67:399:91//AL020989

15 R-HEMBA1005576//Homo sapiens chromosome 16, BAC clone 97H22 (LANL), complete sequence.//1.0:156:631//AC005737

R-HEMBA1005577

R-HEMBA1005581//Homo sapiens mRNA for MEGFS, partial cds.//9.7e-27:561:64//AB011538

20 R-HEMBA1005582//Torulopsis glabrata mitochondrial intergenic region ATPase 9 -cytochrome oxidase 2 genes.//2.3e-10:404:62//X02171

R-HEMBA1005583//HS_3014_B1_D05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3014 Col=9 Row=H, genomic survey sequence.//3.0e-81:442:94//AQ154499

R-HEMBA1005588//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032, complete sequence.//1.8e-54:490:77//Z98046

25 R-HEMBA1005593//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//2.2e-28:262:79//AC005746

30 R-HEMBA1005595//HS_2224_A2_G03_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2224 Col=6 Row=M, genomic survey sequence.//3.6e-48:263:95//AQ033446

R-HEMBA1005606//Human PAC clone DJ0093103 from Xq23, complete sequence.//2.5e-08:355:63//AC003983

R-HEMBA1005609//HS_2182_B1_H06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2182 Col=11 Row=P, genomic survey sequence.//2.2e-82:400:99//AQ023130

35 R-HEMBA1005616//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 124K22, WORKING DRAFT SEQUENCE.//0.80:308:60//AL031176

R-HEMBA1005621//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 330012, WORKING DRAFT SEQUENCE.//7.4e-76:338:98//AL031731

R-HEMBA1005627//Homo sapiens full-length insert cDNA clone ZD53D02.//4.5e-72:398:93//AF086321

40 R-HEMBA1005631//Homo sapiens PAC clone DJ1086D14, complete sequence.//3.8e-17:548:60//AC004460

R-HEMBA1005632//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS, CpG island, complete sequence.//1.4e-13:172:75//AL022069

R-HEMBA1005634//RPCI11-13O15.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-13O15, genomic survey sequence.//1.0e-28:153:82//B73293

45 R-HEMBA1005666//Human DNA sequence from PAC 696H22 on chromosome Xq21.1-21.2. Contains a mouse E25 like gene, a Kinesin like pseudogene and ESTs.//4.5e-51:343:87//AL021786

R-HEMBA1005670//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 11703, WORKING DRAFT SEQUENCE.//2.5e-33:288:78//AL020995

R-HEMBA1005679//Human esterase D mRNA, 3'end.//4.2e-49:322:88//M13450

50 R-HEMBA1005680//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//3.0e-36:285:83//AC005924

R-HEMBA1005685//H.sapiens (MAR8) chromosome 19 DNA, 343bp.//0.022:65:86//Z35281

R-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA, complete cds.//5.4e-46:376:84//U66406

55 R-HEMBA1005705//RPCI11-13O14.TP RPCI-11 Homo sapiens genomic clone RPCI-11-13O14, genomic survey sequence.//0.071:182:59//B76186

R-HEMBA1005717//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.

Contains polymorphic CA repeat.//1.0:189:66//Z92545
 R-HEMBA1005732//Human Chromosome 11q12 pac pDJ363p2, WORKING DRAFT SEQUENCE, 22 unordered pieces.//2.1e-47:449:75//AC003023
 R-HEMBA1005737
 5 R-nnnnnnnnnnnn//H.sapiens DNA for repeat unit locus D18S51 (285 bp).//0.11:174:63//X91255
 R-HEMBA1005755//Human DNA-sequence from clone 396D17 on chromosome 1p33-35.3 Contains EST, STS, GSS, complete sequence.//0.15:160:65//AL008634
 R-HEMBA1005765//Human Xq28 cosmids U225B5 and U236A12, complete sequence.//5.2e-39:422:74//U71148
 R-HEMBA1005780//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15,
 10 WORKING DRAFT SEQUENCE.//0.037:261:61//AP000010
 R-HEMBA1005813//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//1.7e-26:242:80//AL023808
 R-HEMBA1005815//Bufo boreas MVZ 145227 c-mos gene, partial cds.//0.17:199:62//U52805
 R-HEMBA1005822//Plasmodium falciparum MAL3P7, complete sequence.//0.26:437:56//AL034559
 15 R-HEMBA1005829//Human Cosmid g1572c035, complete sequence.//3.8e-05:366:61//AC000124
 R-HEMBA1005834//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence.//8.2e-107:551:96//AL031781
 20 R-HEMBA1005852//F.rubripes GSS sequence, clone 163A22aA4, genomic survey sequence.//2.6e-17:225:72//AL018730
 R-HEMBA1005853//Human Chromosome 15 pac pDJ24m8, complete sequence.//1.1e-27:314:75//AC000379
 R-HEMBA1005884//Homo sapiens 12p13.3 BAC RPCI3-488H23 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//2.6e-20:328:67//AC006207
 25 R-HEMBA1005891//Homo sapiens PAC clone DJ0997N05 from 7q11.23-q21.1, complete sequence.//2.0e-102:543:95//AC004945
 R-HEMBA1005894
 R-HEMBA1005909
 R-HEMBA1005911//CIT-HSP-2342E5.TR CIT-HSP Homo sapiens genomic clone 2342E5, genomic survey sequence.//0.0012:315:60//AQ058081
 30 R-HEMBA1005921//P.chrysogenum mitochondrion genes for tRNA-Arg, tRNA-Asn, tRNA-Tyr, small subunit rRNA, and ATPase subunit 6.//0.0090:445:58//Z23072
 R-HEMBA1005931//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//1.7e-46:351:83//Z98304
 35 R-HEMBA1005934//Homo sapiens chromosome 17, clone hRPK.261_A_13, complete sequence.//0.0052:179:71//AC005138
 R-HEMBA1005962//Homo sapiens clone RG012D21, complete sequence.//1.1e-11:149:74//AC005045
 R-HEMBA1005963//HS_3055_A1_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3055 Col=15 Row=I, genomic survey sequence.//5.4e-79:403:97//AQ147357
 40 R-HEMBA1005990//Homo sapiens l-1 receptor candidate protein mRNA, complete cds.//6.9e-112:580:95//AF082516
 R-HEMBA1005991//Human DNA sequence from clone 58A9 on chromosome 1q24.1-24.3. Contains STSs, GSSs, genomic marker D1S210 and a ca repeat polymorphism, complete sequence.//2.6e-39:299:82//AL031285
 R-HEMBA1005999//Homo sapiens clone DJ0691F11, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.1e-29:260:70//AC004859
 45 R-HEMBA1006002//Rattus norvegicus s-nexilin mRNA, complete cds.//6.3e-15:174:78//AF056035
 R-HEMBA1006005//Homo sapiens MLL (MLL) gene, exons 1-3, and partial cds.//2.6e-112:574:95//AF036405
 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0725 protein, partial cds.//7.6e-27:444:67//AB018268
 R-HEMBA1006035//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.025:373:60//AC005139
 50 R-HEMBA1006036//Homo sapiens Chromosome 16 BAC clone CIT987SK-625P11, complete sequence.//0.0056:535:59//AC004125
 R-HEMBA1006042//HS_2169_A1_B11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2169 Col=21 Row=C, genomic survey sequence.//1.7e-73:390:95//AQ132995
 55 R-nnnnnnnnnnnn
 R-HEMBA1006081
 R-HEMBA1006090//HS_2262_A2_A01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2262 Col=2 Row=A, genomic survey sequence.//2.1e-70:360:97//AQ216324

R-HEMBA1006091
R-HEMBA1006100//Homo sapiens DNA sequence from PAC 212G6 on chromosome Xp11.3-p11.4. Contains syn-
apsin 1, brain protein 4.1, properdin, tyrosine kinase (ELK1) oncogene, ESTs, STS, GSS, complete sequence.//
1.6e-36:354:77//AL009172

5 R-HEMBA1006108
R-HEMBA1006121
R-HEMBA1006124//Human DNA sequence from BAC 175E3 on chromosome 22q11.2-qter. Contains ESTs, STSs
and polymorphic CA repeat.//1.3e-12:327:64//Z95113
R-HEMBA1006130//WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.60:326:62//AC005948

10 R-HEMBA1006158//Homo sapiens chromosome 19, cosmid F16403, complete sequence.//4.3e-52:321:80//
AC005777
R-HEMBA100614211, complete sequence.//1.0e-13:160:78//AC005500
R-HEMBA1006155//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
DRAFT SEQUENCE, 4 unordered pieces.//0.0013:389:60//AC004688

15 R-HEMBA1006158//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds.//1.4e-119:
574:98//AF048693
R-HEMBA1006173//Mus musculus protein tyrosine phosphatase STEP61 mRNA, complete cds.//4.1e-43:307:86//
U28217
R-HEMBA1006182//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//1.7e-30:300:71//
AC004491

20 R-HEMBA1006198//***ALU WARNING: Human Alu-J subfamily consensus sequence.//1.3e-36:284:85//U14567
R-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence.//2.1e-110:545:97//AF070557
R-HEMBA1006248//Homo sapiens mRNA for KIAA0667 protein, partial cds.//0.46:365:58//AB014567
R-HEMBA1006252//Human Chromosome 16 BAC clone CIT987SK-A-972D3, complete sequence.//2.8e-41:438:
25 71//U91323
R-HEMBA1006253//Homo sapiens 45kDa splicing factor mRNA, complete cds.//1.8e-28:179:91//AF083384
R-HEMBA1006259//RPCI11-44N14.TJ RPCI11 Homo sapiens genomic clone R-44N14, genomic survey se-
quence.//1.5e-48:348:85//AQ203161
R-HEMBA1006268

30 R-HEMBA1006272//Human DNA sequence from clone 1198H6 on chromosome 1p36.11-36.31. Contains two
Melanoma Preferentially Expressed Antigen PRAME LIKE genes. Contains GSSs and ESTs, complete sequence.//
2.8e-73:273:87//AL023753
R-HEMBA1006283//H.sapiens PAP mRNA.//1.6e-54:585:71//X76770
R-HEMBA1006283//Sequence 7 from patent US 5776683.//9.7e-18:113:98//AR016240

35 R-HEMBA1006284//Homo sapiens chromosome 17, clone hRPC.1028_K_7, complete sequence.//0.97:447:59//
AC004585
R-HEMBA1006291//Homo sapiens full-length insert cDNA clone ZB76B10.//2.9e-94:454:98//AF086161
R-HEMBA1006293//Sequence 8 from patent US 5721351.//8.1e-10:111:72//I89415
R-HEMBA1006309//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2
40 ordered pieces.//8.6e-37:288:84//AC005412
R-HEMBA1006310//Rattus norvegicus cytosolic sorting protein PACS-1a (PACS-1) mRNA, complete cds.//6.5e-
29:132:81//AF076183
R-HEMBA1006328//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 894K16, WORKING
DRAFT SEQUENCE.//3.3e-50:340:75//AL034429

45 R-HEMBA1006334
R-HEMBA1006344//Rattus norvegicus nitzin mRNA, partial cds.//8.7e-22:259:72//AF087945
R-HEMBA1006347//Human prostaticin gene, complete cds.//1.8e-78:170:100//U33446
R-HEMBA1006349//Rat brain calcium channel alpha-1 subunit mRNA, complete cds.//0.00051:120:73//M57682
R-HEMBA1006359//CITBI-E1-2516C16.TR CITBI-E1 Homo sapiens genomic clone 2516C16, genomic survey
50 sequence.//4.7e-74:576:82//AQ277951
R-HEMBA1006364//G.gallus gene for transforming growth factor-beta2, exons 5-7.//2.5e-21:118:85//X59080
R-HEMBA1006377//Homo sapiens chromosome 19, cosmid F23149, complete sequence.//5.7e-68:367:85//
AC005239

55 R-HEMBA1006380//Human BAC clone RG007J15 from 7q31, complete sequence.//6.1e-47:300:83//AC003989
R-HEMBA1006381//Homo sapiens chromosome 5, Bac clone 189 (LBNL H135), complete sequence.//1.5e-47:
336:86//AC005914
R-HEMBA1006398//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence.//1.5e-
67:501:83//AC005609

- R-HEMBA1006416//Homo sapiens chromosome 17, clone 347_H_5, complete sequence.//4.4e-37:319:76//AC002119
- R-HEMBA1006419//Homo sapiens chromosome 17, clone HCIT542B22, complete sequence.//2.9e-50:502:75//AC004253
- 5 R-HEMBA1006421//Homo sapiens chromosome 14q24.3 clone BAC270M14 transforming growth factor-beta 3 (TGF-beta 3) gene, complete cds; and unknown genes.//4.1e-116:572:97//AF107885
- R-HEMBA1006424//Human DNA sequence from clone 51J12 on chromosome 6q26-27. Contains the 3' part of the alternatively spliced gene for the human orthologs of mouse QKI-7 and QKI-7B (KH Domain RNA Binding proteins) and zebrafish ZKQ-1 (Quaking protein homolog). Contains ESTs, STSs and GSSs, complete sequence.//9.4e-117:578:97//AL031781
- 10 R-HEMBA1006426//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 291J10, WORKING DRAFT SEQUENCE.//2.2e-08:353:63//Z93017
- R-HEMBA1006438//HS_2008_A1_D04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2008 Col=7 Row=G, genomic survey sequence.//1.2e-29:194:91//AQ245162
- 15 R-HEMBA1006445//Homo sapiens clone RG219E16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.011:330:60//AC005075
- R-HEMBA1006446//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//0.032:256:61//AE001398
- 20 R-HEMBA1006461//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore human cosmid library) complete sequence.//5.6e-35:229:77//AC002364
- R-HEMBA1006467//Homo sapiens Chromosome 9p22 Cosmid clone 34a5, complete sequence.//11.1e-14:354:63//AC002052
- R-HEMBA1006471
- 25 R-HEMBA1006474//p40, p24 [Borna disease virus BDV, WT-1, Halle B1/91, horse brain, field isolate, Genomic RNA, 1138 nt, segment 1 of 3].//1.1e-14:442:60//S67502
- R-HEMBA1006483//Human chromosome 16p13.1 BAC clone CIT987SK-551G9 complete sequence.//3.7e-37:290:82//U95742
- R-HEMBA1006485//H.sapiens mRNA for aminopeptidase.//7.6e-91:517:91//Y07701
- 30 R-HEMBA1006486//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.1e-33:289:81//AC005089
- R-HEMBA1006489//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//6.0e-07:485:60//AL020989
- R-HEMBA1006492//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//4.3e-112:572:95//AC005828
- 35 R-HEMBA1006494//Homo sapiens chromosome 17, clone HRPC987K16, complete sequence.//2.3e-10:186:67//AC002994
- R-HEMBA1006497//RPCI11-16L10.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-16L10, genomic survey sequence.//1.5e-10:75:100//B88015
- 40 R-HEMBA1006502//Human DNA sequence from clone 272E8 on chromosome Xp22.13-22.31. Contains a pseudogene similar to MDM2-Like P53-binding protein gene. Contains STSs, GSSs and a CA repeat polymorphism, complete sequence.//3.3e-36:516:70//Z93929
- R-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds.//1.2e-115:570:96//AB014566
- R-HEMBA1006521//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//2.2e-20:266:71//Z98304
- 45 R-HEMBA1006530//RPCI11-52M1.TJ RPCI11 Homo sapiens genomic clone R-52M1, genomic survey sequence.//0.00015:227:64//AQ052526
- R-HEMBA1006535//HS_2234_B1_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2234 Col=13 Row=D, genomic survey sequence.//7.5e-33:191:95//AQ129525
- R-HEMBA1006540//Homo sapiens clone GS051M12, complete sequence.//0.026:497:58//AC005007
- 50 R-HEMBA1006546//Homo sapiens chromosome 19, cosmid R33496, complete sequence.//5.2e-41:289:86//AC004603
- R-HEMBA1006559//Mus musculus PRAJA1 (Praj1) mRNA, complete cds.//3.4e-64:551:78//U06944
- R-HEMBA1006562//Human Chromosome 11p11.2 PAC clone pDJ404m15, complete sequence.//5.7e-09:266:66//AC002554
- 55 R-HEMBA1006566//HS_2171_B1_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2171 Col=7 Row=D, genomic survey sequence.//0.012:306:61//AQ125421
- R-HEMBA1006569//Ovis aries beta actin mRNA, complete cds.//3.8e-70:529:82//U39357
- R-HEMBA1006579//Homo sapiens BAC clone NH0115E20 from Y, complete sequence.//1.0:141:65//AC006032

R-HEMBA1006583//CIT-HSP-2377M16.TR CIT-HSP Homo sapiens genomic clone 2377M16, genomic survey sequence.//1.7e-31:271:76//AQ111875

R-HEMBA1006595//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.093:270:61//AC004709

5 R-HEMBA1006597//Homo sapiens P1 clone GSP13996 from 5q12, complete sequence.//2.7e-45:371:80//AC005031

R-HEMBA1006612

R-nnnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 8B22, WORKING DRAFT SEQUENCE.//2.1e-20:229:77//AL031737

10 R-HEMBA1006624//Human DNA sequence from clone 406A7 on chromosome 6q23-24. Contains three pseudo-genes similar to Elongation Factor 1-Alpha (EF-1-ALPHA, Statin S1), 60S Acidic Ribosomal Protein P1 and NADH-Ubiquinone Oxidoreductase 15 kDa subunit, and part of the Microtubule Associated Protein E-MAP-115 gene. Contains ESTs, STSs and GSSs, complete sequence.//4.8e-40:321:83//AL023284

R-HEMBA1006631//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 202O8, WORKING DRAFT SEQUENCE.//1.5e-45:477:77//AL031848

15 R-HEMBA1006635//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//8.0e-40:245:91//U14572

R-HEMBA1006639

R-HEMBA1006643

R-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds.//2.5e-106:567:94//U40282

20 R-HEMBA1006652//Human BAC clone RG308B22 from 7q22-q31, complete sequence.//8.7e-54:334:76//AC002089

R-HEMBA1006653//Homo sapiens 7q telomere, complete sequence.//5.0e-36:207:89//AF027390

R-HEMBA1006665//HS_3213_B2_D04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=8 Row=H, genomic survey sequence.//1.2e-21:235:67//AQ175625

25 R-HEMBA1006674//H.sapiens telomeric DNA sequence, clone 9QTEL023, read 9QTELO023.seq.//2.6e-32:212:83//Z96776

R-HEMBA1006676//Plasmodium falciparum MAL3P6, complete sequence.//1.9e-10:436:60//Z98551

R-HEMBA1006682//Plasmodium falciparum (strain Dd2) variant-specific surface protein (var-1) gene, complete cds.//6.1e-06:477:59//L40608

30 R-HEMBA1006695//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces.//1.8e-30:266:80//AC005096

R-HEMBA1006696

R-HEMBA1006708

R-HEMBA1006709//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 715N11, WORKING DRAFT SEQUENCE.//6.8e-14:139:82//AL031674

35 R-HEMBA1006717

R-HEMBA1006737//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//9.9e-18:365:66//AC005828

R-HEMBA1006744//Human Chromosome 16 BAC clone CIT987SK-327O24, complete sequence.//1.3e-37:380:75//AC003108

40 R-HEMBA1006754//Homo sapiens chromosome 5, P1 clone 962c5 (LBNL H87), complete sequence.//2.1e-75:338:85//AC003951

R-HEMBA1006758//Homo sapiens chromosome 5, BAC clone 182a8 (LBNL H161), complete sequence.//1.2e-112:579:95//AC005752

45 R-HEMBA1006767//Plasmodium falciparum MAL3P6, complete sequence.//0.00022:528:58//Z98551

R-HEMBA1006779//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//2.3e-46:305:87//AC005701

R-HEMBA10067801//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and GSSs, complete sequence.//7.2e-39:305:82//AL022323

50 R-HEMBA1006789//Streptomyces coelicolor cosmid 6G4.//0.0085:449:61//AL031317

R-HEMBA1006795//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//4.1e-43:355:801//AC006120

R-HEMBA1006796//HS_3038_B2_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3038 Col=22 Row=P, genomic survey sequence.//0.99:158:63//AQ102483

55 R-HEMBA1006807//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//8.4e-47:481:75//AC004854

R-HEMBA1006821//Homo sapiens chromosome 17, clone hRPC.62_O_9, complete sequence.//3.0e-08:84:90//AC004797

- R-HEMBA1006824//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island.//3.7e-54:496:76//Z93023
- R-HEMBA1006832//Homo sapiens chromosome 17, clone hRPK.243_K_12, complete sequence.//0.70:206:65//AC005668
- 5 R-HEMBA1006849//Homo sapiens 12q24.1 PAC RPCI3-521E19 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.2e-46:281:91//AC004217
- R-HEMBA1006865//Mus musculus clone 101 B1 repeat region sequence.//0.61:115:70//AF056074
- R-nnnnnnnnnnnn//Mus musculus mRNA for oxysterol-binding protein, complete cds.//3.3e-102:618:87//AB017026
- R-HEMBA1006885 4.2e-14:379:63//AG006839
- 10 R-HEMBA1006900//CIT-HSP-2006M20.TR CIT-HSP Homo sapiens genomic clone 2006M20, genomic survey sequence.//2.6e-07:230:66//B56395
- R-HEMBA1006921//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence.//2.1e-68:267:86//AC005154
- R-HEMBA1006926
- 15 R-HEMBA1006929//HS_3244_A2_C01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=2 Row=E, genomic survey sequence.//6.9e-21:191:83//AQ207500
- R-HEMBA1006936
- R-HEMBA1006938//Colias philodice eriphyle large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs.//0.11:309:59//AF044853
- 20 R-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein.//2.0e-75:371:98//AJ010841
- R-HEMBA1006949//Homo sapiens PAC clone DJ0777G09 from 7q34-q36, complete sequence.//0.47:240:63//AC005518
- R-HEMBA1006973//HS_2009_A2_A12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2009 Col=24 Row=A, genomic survey sequence.//9.6e-05:407:60//AQ232302
- 25 R-HEMBA1006976//RPCI11-49L11.TJ RPCI11 Homo sapiens genomic clone R-49L11, genomic survey sequence.//0.0018:184:63//AQ051701
- R-HEMBA1006993//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial cds for thymopoietin beta.//1.9e-47:394:79//U18271
- 30 R-HEMBA1006996//CIT-HSP-2172D17.TF CIT-HSP Homo sapiens genomic clone 2172D17, genomic survey sequence.//1.8e-07:365:62//B93406
- R-HEMBA1007002//Plasmodium falciparum MAL3P2, complete sequence.//0.0012:505:56//AL034558
- R-HEMBA1007017//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//5.6e-41:437:71//AC005277
- 35 R-HEMBA1007018//G.gallus mRNA for dynein light chain-A.//8.2e-73:556:80//X79088
- R-HEMBA1007045
- R-HEMBA1007051//Human DNA sequence from cosmid N69F4 on chromosome 22q11.2-qter contains EST.//9.9e-27:342:71//Z72006
- R-HEMBA1007052//Homo sapiens FSHD-associated repeat DNA, proximal region.//5.4e-85:558:87//U85056
- 40 R-HEMBA1007062
- R-HEMBA1007066
- R-HEMBA1007073//Homo sapiens chromosome 17, clone hRPK.421_E_14, complete sequence.//2.0e-66:476:85//AC006141
- R-HEMBA1007078//Homo sapiens chromosome 17, clone hRPK.60_A_24, complete sequence.//1.0e-38:179:82//AC005325
- 45 R-HEMBA1007085//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.2e-49:551:73//AC006015
- R-HEMBA1007087//Human Chromosome 11 pac pDJ392a17, complete sequence.//1.0:261:61//AC000385
- R-HEMBA1007112//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 37 unordered pieces.//0.043:295:62//AC004803
- 50 R-HEMBA1007113//Homo sapiens (subclone 6_a8 from P1 H16) DNA sequence.//1.4e-52:307:87//L43392
- R-HEMBA1007129//Human DNA sequence from PAC 863K19 on chromosome X. Contains STS.//1.2e-08:131:75//Z92547
- R-HEMBA1007147//H.sapiens CpG island DNA genomic Mse1 fragment, clone 65f1, reverse read cpg65f1.rt1a.//0.16:187:64//Z62246
- 55 R-HEMBA1007149//Homo sapiens chromosome 19, cosmid F23149, complete sequence.//7.6e-108:543:96//AC005239
- R-HEMBA1007151//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence.//0.14:323:58//

- AC004875
R-nnnnnnnnnnnn//Homo sapiens epsin 2a mRNA, complete cds.//5.1e-103:529:94//AF062085
R-HEMBA1007178//Homo sapiens chromosome 12p13.3 clone RPCI11-372B4, WORKING DRAFT SEQUENCE,
129 ordered pieces.//5.4e-106:537:96//AC005911
- 5 R-HEMBA1007194//Homo sapiens Xp22 bins 87-93 PAC RPCI1-122K4 (Roswell Park Cancer Institute Human
PAC Library) complete sequence.//4.1e-39:262:80//AC003035
R-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds.//5.3e-61:332:95//D86987
R-HEMBA1007206//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains
ESTs STS and CpG island.//1.9e-50:436:81//Z93023
- 10 R-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds.//2.3e-96:471:97//AB018340
R-HEMBA1007251//Homo sapiens chromosome 5, PAC clone 247f3 (LBNL H85), complete sequence.//0.011:
349:62//AC004777
R-HEMBA1007256//Homo sapiens PAC clone DJ0676L20 from 7q35-q36, complete sequence.//2.8e-10:224:70//
AC004856
- 15 R-HEMBA1007267//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library)
complete sequence.//3.4e-53:362:86//AC005924
R-HEMBA1007273
R-HEMBA1007279//Rickettsia prowazekii strain Madrid E, complete genome; segment 4/4.//0.042:454:57//
AJ235273
- 20 R-HEMBA1007281//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.99:288:60//
AJ235272
R-HEMBA1007288//Human DNA sequence from clone 422G23 on chromosome 6q24 Contains EST, STS, GSS,
CpG island, complete sequence.//7.4e-107:554:95//AL031003
R-HEMBA1007300//Caenorhabditis elegans cosmid C48C5.//0.22:474:59//U39994
- 25 R-HEMBA1007301
R-HEMBA1007319//Campylobacter jejuni repetitive DNA, clone pINT.//4.9e-08:524:58//Y14425
R-HEMBA1007320//Homo sapiens genomic DNA, chromosome 21q11.1, segment 14/28, WORKING DRAFT SE-
QUENCE.//3.4e-16:244:71//AP000043
R-HEMBA1007322//Homo sapiens BAC clone RG324D18 from 7p15-p21, complete sequence.//3.9e-83:383:85//
AC005251
- 30 R-HEMBA1007327//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 7706, WORKING
DRAFT SEQUENCE.//1.6e-38:533:71//Z96804
R-HEMBA1007341//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 268D13, WORKING
DRAFT SEQUENCE.//3.6e-21:394:66//AL023513
- 35 R-HEMBA1007342//Human BAC clone GS368F15 from 7q31, complete sequence.//1.7e-15:190:73//AC003080
R-HEMBA1007347//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone N38G6, WORKING
DRAFT SEQUENCE.//2.2e-47:455:77//Z96802
R-HEMBA1000005//Homo sapiens 3p21.1-9 PAC RPCI4-793P23 (Roswell Park Cancer Institute Human PAC Li-
brary) complete sequence.//1.1e-62:539:79//AC006208
- 40 R-HEMBA1000008//Homo sapiens chromosome 17, clone hCIT.211_P_7, complete sequence.//1.2e-36:285:83//
AC003665
R-HEMBA1000018//Homo sapiens clone DJ0038I10, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.2e-
51:416:79//AC004820
- 45 R-HEMBA1000024//Human DNA sequence from BAC 175E3 on chromosome 22q11.2-qter. Contains ESTs, STSs
and polymorphic CA repeat.//3.9e-18:211:79//Z95113
R-HEMBA1000025//HS_3064_B2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3064 Col=14 Row=D, genomic survey sequence.//5.9e-40:254:90//AQ132765
R-HEMBA1000030//Human DNA sequence from clone 108K11 on chromosome 6p21 Contains SRP20 (SR protein
family member), Ndr protein kinase gene similar to yeast suppressor protein SRP40, EST and GSS, complete
sequence.//1.5e-32:452:70//Z85986
- 50 R-HEMBA1000036//CIT-HSP-2024L15.TF CIT-HSP Homo sapiens genomic clone 2024L15, genomic survey se-
quence.//9.3e-63:541:77//B66264
R-HEMBA1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds.//7.6e-91:467:97//
AF084928
- 55 R-HEMBA1000039//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//2.4e-44:456:
68//AC005291
R-HEMBA1000044//Human BAC clone RG016J04 from 7q21, complete sequence.//1.4e-54:307:80//AC002064
R-HEMBA1000048//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//3.8e-

- 09:330:63//AC002300
 R-HEM BB1000050//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLR51). Contains ESTs, an STS and GSSs, complete sequence.//6.7e-12:225:65//Z94056
- 5 R-HEM BB1000054//Human DNA sequence from clone 444C7 on chromosome 6p22.3-23. Contains an EST, an STS and GSSs, complete sequence.//8.9e-76:557:82//AL033521
 R-HEM BB1000055//Human housekeeping (Q1Z 7F5) gene, exons 2 through 7, complete cds.//1.6e-88:350:86//M81806
- 10 R-HEM BB1000059//Homo sapiens clone DJ0850I01, WORKING DRAFT SEQUENCE, 1 unordered pieces.//4.9e-12:356:65//AC006009
 R-HEM BB1000083//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces.//3.7e-41:311:82//AC004840
 R-HEM BB1000089//Homo sapiens clone DJ1021I20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.6e-34:314:78//AC005520
- 15 R-HEM BB1000099//Homo sapiens DNA sequence from BAC 1216H12 on chromosome 22q12. Contains a pseudogene with similarity to part of mouse Ninein and the KIAA0609 gene for a protein similar to C. elegans K09C8.4. Contains ESTs, GSSs and a ggtt repeat polymorphism, complete sequence.//8.8e-32:434:71//AL008715
 R-HEM BB1000103//Human DNA sequence from BAC 445C9 on chromosome 22q12.1. Contains CRYBB1, beta B1 crystallin, CRYBA4, beta A4 crystallin, high mobility group-1 protein (HMG-1), ESTs.//2.5e-16:207:74//Z95115
- 20 R-HEM BB1000113//HS_3013_A1_B08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3013 Col=15 Row=C, genomic survey sequence.//0.94:211:63//AQ118730
 R-HEM BB1000119//Homo sapiens ASMTL gene.//1.9e-106:531:96//Y15521
 R-HEM BB1000136//Human Chromosome X, complete sequence.//0.00073:359:59//AC002407
 R-HEM BB1000141//Homo sapiens chromosome 21q22.3 PAC 39C17, complete sequence.//6.8e-41:280:74//AF043945
- 25 R-HEM BB1000144//Homo sapiens chromosome 17, clone hCIT.507_E_2, complete sequence.//0.00083:206:66//AC004134
 R-HEM BB1000173//Homo sapiens, WORKING DRAFT SEQUENCE, 97 unordered pieces.//2.5e-82:401:90//AC004085
- 30 R-HEM BB1000175
 R-HEM BB1000198//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//0.91:428:56//AL021368
- 35 R-HEM BB1000215//Homo sapiens DNA sequence from PAC 69E11 on chromosome 1q23-24. Contains a NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ) LIKE pseudogene, a 60S Ribosomal protein L34 LIKE pseudogene, an unknown gene similar to yeast YPR037W and worm C02C2.6 predicted genes, a predicted CpG island, ESTs and an STS, complete sequence.//4.4e-54:298:91//AL021397
- 40 R-HEM BB1000217
 R-HEM BB1000218//Homo sapiens 12q24 PAC RPCI1-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//5.8e-32:517:70//AC004216
 R-HEM BB1000226//Human DNA sequence from cosmid COS12 from a contig from the tip of the short arm of chromosome 16, spanning 2Mb of 16p13.3. Contains ESTs, Flanking sequences of 3' alpha globin HVR and CpG island.//2.5e-77:450:92//Z69706
- 45 R-HEM BB1000240//Homo sapiens chromosome 9 duplication of the T cell receptor beta locus and trypsinogen gene families.//4.1e-05:310:62//AF029308
 R-HEM BB1000244//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1112F19, WORKING DRAFT SEQUENCE.//1.3e-43:278:85//AL034420
- 50 R-HEM BB1000250//Human DNA sequence from clone 34B20 on chromosome 6p21.31-22.2. Contains seventeen Histone (pseudo)genes and a 40S Ribosomal protein S10 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//3.8e-16:484:64//AL031777 R-HEM BB1000258//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemochromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//4.3e-11:286:67//U91328
- 55 R-HEM BB1000264//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//1.2e-42:406:79//AF079765
 R-HEM BB1000266//RPCI11-76C20.TV RPCI11 Homo sapiens genomic clone R-76C20, genomic survey sequence.//1.0:232:59//AQ265533

- R-HEM BB1000272//HS_3032_B1_H06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3032 Col=11 Row=P, genomic survey sequence.//0.0082:209:62//AQ096702
- R-HEM BB1000274//Homo sapiens Chromosome 22q11.2 Cosmid Clone 817g In IGLC Region, complete sequence.//1.6e-45:277:72//AC000053
- 5 R-HEM BB1000284//Homo sapiens full-length insert cDNA clone YY88A05.//6.9e-112:572:96//AF088018
- R-HEM BB1000307//Homo sapiens chromosome 17, clone hRPK.471_L_13, complete sequence.//5.7e-96:523:93//AC005244
- R-HEM BB1000312//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//7.5e-21:218:67//AL023693
- 10 R-HEM BB1000317//Toxoplasma gondii chloroplast, complete genome.//0.062:354:58//U87145
- R-HEM BB1000318//Human DNA sequence from PAC 292H14 on chromosome Xp21. Contains STS and CA repeat polymorphism.//4.5e-52:302:81//AL008710
- R-HEM BB1000335//Homo sapiens chromosome 5, P1 clone 1041F10 (LBNL H88), complete sequence.//1.9e-16:139:84//AC005179
- 15 R-HEM BB1000336//Homo sapiens complete genomic sequence between D16S3070 and D16S3275, containing Familial Mediterranean Fever gene disease.//0.0062:231:64//AJ003147
- R-HEM BB1000337//CIT-HSP-2329010.TF CIT-HSP Homo sapiens genomic clone 2329O10, genomic survey sequence.//1.2e-31:192:92//AQ035976
- R-HEM BB1000338//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//1.9e-39:477:71//AC004605
- 20 R-HEM BB1000339//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 862K6, WORKING DRAFT SEQUENCE.//4.1e-54:357:76//AL031681
- R-HEM BB1000341//Homo sapiens 12q24 PAC RPCI3-424M6 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.8e-19:501:63//AC002350
- 25 R-HEM BB1000343//Homo sapiens chromosome 16, cosmid clone 367E12 (LANL), complete sequence.//3.6e-41:457:72//AC004644
- R-HEM BB1000354//Human DNA sequence from PAC 560B9 on chromosome 1q24-1q25. Contains profilin-like pseudogene, 60S ribosomal protein L4 pseudogene RNA binding protein, ESTs, GSS.//7.2e-36:325:74//Z98751
- R-HEM BB1000369//Homo sapiens chromosome 4 clone B366O24 map 4q25, complete sequence.//9.0e-25:179:79//AC004067
- 30 R-HEM BB10003741//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 75N14, WORKING DRAFT SEQUENCE.//8.4e-58:332:79//Z97199
- R-HEM BB1000376//Homo sapiens DNA for amyloid precursor protein, complete cds.//2.1e-47:309:88//D87675
- R-HEM BB1000391//Homo sapiens clone RG269P13, WORKING DRAFT SEQUENCE, 6 unordered pieces.//5.7e-46:302:85//AC005080
- 35 R-HEM BB1000399//Homo sapiens Rad17-like protein (RAD17) mRNA, complete cds.//1.0e-107:531:97//AF076838
- R-HEM BB1000402//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat and GSSs, complete sequence.//1.1e-25:441:67//Z98052
- 40 R-HEM BB1000404//HS_2246_A2_D01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2246 Col=2 Row=G, genomic survey sequence.//0.0025:196:63//AQ084251
- R-HEM BB1000420//Homo sapiens Chromosome 22q11.2 Cosmid Clone 817g In IGLC Region, complete sequence.//1.2e-29:358:72//AC000053
- 45 R-HEM BB1000434//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//2.8e-51:299:89//AC004069
- R-HEM BB1000438//HS_2239_B2_E08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2239 Col=16 Row=J, genomic survey sequence.//1.3e-10:76:100//AQ067700
- R-HEM BB1000441//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//4.4e-60:281:90//Z82207
- 50 R-HEM BB1000449//Homo sapiens clone DJ0898O18, WORKING DRAFT SEQUENCE, 8 unordered pieces.//4.8e-11:228:68//AC004920
- R-HEM BB1000455//Homo sapiens clone GS051M12, complete sequence.//3.1e-14:388:65//AC005007
- R-HEM BB1000472//Homo sapiens chromosome 17, clone HCIT48C15, complete sequence.//4.9e-34:320:79//AC003104
- 55 R-HEM BB1000480//Human DNA sequence from Fosmid 65B7 on chromosome 22q11.2-qter. Contains exons 6-12 of the SLC5A1 (SGLT1) gene for solute carrier family 5 (sodium/glucose cotransporter) member 1 (High Affinity Sodium-Glucose Cotransporter), complete sequence.//3.4e-36:285:82//Z83849
- R-HEM BB1000487

- R-HEM BB1000490//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//1.5e-34:281:81//AL034423
- R-HEM BB1000491//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island.//8.5e-37:483:72//Z93023
- 5 R-HEM BB1000493//Human DNA sequence from clone 109F14 on chromosome 6p21.2-21.3. Contains the alternatively spliced gene for Transcriptional Enhancer Factor TEF-5, the 60S Ribosomal Protein RPL10A gene, a PUTATIVE ZNF127 LIKE gene, and the PPARD for Peroxisome Proliferator Activated Receptor Delta (PPAR-Delta, PPAR-Beta, Nuclear Hormone Receptor 1, NUC1, NUCI, PPARB). Contains three putative CpG islands, ESTs, STSs, GSSs and a ca repeat polymorphism, complete sequence.//7.6e-14:217:71//AL022721
- 10 R-HEM BB1000510//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE.//7.1e-44:221:80//AL033397
- R-HEM BB1000518//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//3.5e-51:280:90//AC002477
- 15 R-HEM BB1000523//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//1.7e-53:304:82//AC004079
- R-HEM BB1000530//Homo sapiens chromosome 17, clone hCIT.162_E_12, complete sequence.//4.2e-74:428:92//AC006236
- R-HEM BB1000550//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//5.6e-13:112:80//U91321
- 20 R-HEM BB1000554//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE.//5.1e-14:239:63//Z83824
- R-HEM BB1000556//Homo sapiens envoplakin (EVPL) mRNA, complete cds.//0.031:275:60//U53786
- R-HEM BB1000564//Homo sapiens chromosome 5, Bac clone 189 (LBNL H135), complete sequence.//3.1e-17:227:76//AC005914
- 25 R-HEM BB1000573//Borrelia afzelii (strain NT28) DNA, internal transcribed spacer.//0.078:161:63//D84405
- R-HEM BB1000575//Homo sapiens chromosome 17, clone hRPC.859_O_20, complete sequence.//7.2e-52:260:80//AC003695
- R-HEM BB1000586//Human DNA sequence from cosmid V210E9, between markers DXS366 and DXS87 on chromosome X.//2.0e-33:305:79//Z70280
- 30 R-HEM BB1000589//Homo sapiens chromosome 17, clone hRPK.1064_E_11, complete sequence.//1.3e-14:409:65//AC005208
- R-HEM BB1000591//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence.//6.2e-39:493:71//AC005184
- R-HEM BB1000592//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.6e-08:254:64//AC005831
- 35 R-HEM BB1000598//Homo sapiens chromosome 11 pac pDJ159ol, complete sequence.//3.3e-38:407:76//AC000381
- R-HEM BB1000623//CIT-HSP-2374P17.TR CIT-HSP Homo sapiens genomic clone 2374P17, genomic survey sequence.//1.3e-41:212:100//AQ109717
- 40 R-HEM BB1000630//Human DNA sequence from clone 413H6 on chromosome 6p22.3-24.3. Contains a hamster Androgen-dependent Expressed Protein like protein gene, ESTs and GSSs, complete sequence.//5.2e-31:319:78//AL022724
- R-HEM BB1000631//Sequence 28 from patent US 5708157.//6.8e-20:208:80//I80058
- 45 R-HEM BB1000632//Homo sapiens Cosmid C4, WORKING DRAFT SEQUENCE, 1 ordered pieces.//7.4e-47:457:75//AC004176
- R-HEM BB1000637//Human BAC clone RG094H21 from 7q21-q22, complete sequence.//2.9e-45:263:87//AC003085
- R-HEM BB1000638//Genomic sequence from Human 6, complete sequence.//9.1e-34:375:73//AC002112
- 50 R-HEM BB1000643//HS_2242_A2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2242 Col=14 Row=C, genomic survey sequence.//0.010:239:60//AQ065993
- R-HEM BB1000649//Homo sapiens RBP56/hTAFII68 gene, exon 7.//8.3e-63:306:100//AB010061
- R-HEM BB1000652//Human DNA sequence from PAC 467D16 on chromosome 6p22.3-24.1. Contains the 3' part of the SCA1 (ataxin-1) gene with a poly-glutamine (CAG repeat) polymorphism, the 3' part of the GMPR (GMP reductase, Guanosine 5'-monophosphate oxidoreductase) gene, ESTs and an STS with a polymorphic CA repeat.//3.3e-14:450:64//AL009031
- 55 R-HEM BB1000665//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MXA21, complete sequence.//0.98:251:63//AB005247
- R-HEM BB1000671//Human DNA sequence from PAC 106C24, between markers DXS294 and DXS730 on chro-

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mosome X.//6.8e-58:296:85//Z83313
 R-HEMBB1000673//CITBI-E1-2506F20.TR CITBI-E1 Homo sapiens genomic clone 2506F20, genomic survey sequence.//0.98:71:76//AQ264731
 R-HEMBB1000684//Human DNA sequence from clone 1158E12 on chromosome Xp11.23-11.4 Contains EST, STS, GSS, CpG island, complete sequence.//2.6e-11:153:77//AL031584
 5 R-nnnnnnnnnnn//Homo sapiens neuroan1 mRNA, complete cds.//2.0e-50:287:93//AF040723
 R-HEMBB1000705//Homo sapiens chromosome 19, cosmid R30538, complete sequence.//3.4e-18:340:65//AC005943
 R-HEMBB1000706//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462C17, WORKING DRAFT SEQUENCE.//4.7e-10:358:64//AL033380
 10 R-HEMBB1000709//RPCI11-79A8.TV RPCI11 Homo sapiens genomic clone R-79A8, genomic survey sequence.//1.4e-40:262:89//AQ282374
 R-HEMBB1000725//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MGN6, complete sequence.//0.00018:386:60//AB017066
 15 R-HEMBB1000726//Homo sapiens PAC clone DJ1185I07 from 7q11.23-q21, complete sequence.//1.5e-48:316:88//AC004990
 R-HEMBB1000738//Homo sapiens PAC clone DJ0745K06 from 7q31, complete sequence.//7.1e-53:382:85//AC004875
 R-HEMBB1000749//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.5e-51:438:80//AC005069
 20 R-HEMBB1000763//Plasmid Col Ib-P9 (from E.coli K12) colicin Ib promoter region and 5' coding region.//1.0:115:63//K02071
 R-HEMBB1000770//Human Rhesus blood group antigen (RHCE) gene, intron 6, partial sequence.//5.6e-24:183:86//U83205
 25 R-HEMBB1000781//Homo sapiens Xp22 PACs RPC11-263P4 and RPC11-164K3 complete sequence.//0.00054:154:67//AC003046
 R-HEMBB1000789//RPCI11-2I14.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-2I14, genomic survey sequence.//3.0e-09:299:64//B63628
 R-HEMBB1000790//Human Chromosome 16 BAC clone CIT987SK-A-362G6, complete sequence.//4.5e-46:185:85//U95740
 30 R-HEMBB1000794//HS_3253_A1_G06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3253 Col=11 Row=M, genomic survey sequence.//5.7e-13:172:65//AQ216291
 R-HEMBB1000807
 R-HEMBB1000810//Human BAC clone RG114A06 from 7q31, complete sequence.//1.3e-24:385:71//AC002542
 35 R-HEMBB1000821
 R-HEMBB1000822//CITBI-E1-2517E13.TF CITBI-E1 Homo sapiens genomic clone 2517E13, genomic survey sequence.//4.5e-08:278:64//AQ279944
 R-HEMBB1000826//Homo sapiens genomic DNA, chromosome 21q11.1, segment 14/28, WORKING DRAFT SEQUENCE.//1.2e-44:521:72//AP000043
 40 R-HEMBB1000827//Homo sapiens clone DJ0981O07, complete sequence.//6.8e-43:319:84//AC006017
 R-HEMBB1000831//HS_3247_B2_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3247 Col=18 Row=B, genomic survey sequence.//5.5e-74:381:96//AQ223850
 R-HEMBB1000835//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//4.2e-17:167:80//AL021368
 45 R-HEMBB1000840//Homo sapiens clone DJ1039L24, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.9e-26:220:73//AC005283
 R-HEMBB1000848//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//7.8e-39:356:79//AC004086
 50 R-HEMBB1000852//HS_3075_A2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3075 Col=14 Row=C, genomic survey sequence.//3.4e-11:151:75//AQ138816
 R-HEMBB1000870//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 72E17, WORKING DRAFT SEQUENCE.//1.8e-44:454:75//AL033523
 55 R-HEMBB1000876//Human DNA sequence from clone 91J24 on chromosome 6q24 Contains part of utrophin Gene, part of cytochrome C oxidase gene, EST, CpG island, complete sequence.//0.0016:227:65//AL024474
 R-HEMBB1000883//Homo sapiens chromosome 19, cosmid F19678, complete sequence.//0.62:238:62//

AC005621
 R-HEM BB1000887//Synthetic human/adenovirus type 5 recombination junction.//9.9e-24:275:76//M34061
 R-HEM BB1000888//CIT-HSP-2282A13.TR CIT-HSP Homo sapiens genomic clone 2282A13, genomic survey se-
 quence.//2.4e-05:310:60//AQ000826
 5 R-HEM BB1000890//Homo sapiens clone DJ0042M02, WORKING DRAFT SEQUENCE, 20 unordered pieces.//
 6.5e-44:305:84//AC005995
 R-HEM BB1000893//Homo sapiens BAC clone RG363E19 from 7q31.1, complete sequence.//3.7e-30:265:80//
 AC004492
 10 R-HEM BB1000908//RPCI11-13P12.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13P12, genomic survey
 sequence.//0.98:183:61//B76199
 R-HEM BB1000910//Homo sapiens Chromosome 22q11.2 Cosmid Clone 50d10 In IGLC Region, complete se-
 quence.//1.7e-28:302:76//AC000024
 R-HEM BB1000913//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete
 sequence.//4.1e-34:314:76//AC003037
 15 R-HEM BB1000915//Human chromosome 16p11.2-p12 BAC clone CIT987SK-224D6 complete sequence.//6.3e-
 09:536:59//U95739
 R-HEM BB1000917//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING
 DRAFT SEQUENCE.//1.6e-47:234:86//Z93015
 R-HEM BB1000927
 20 R-HEM BB1000947//CIT-HSP-2287M13.TF CIT-HSP Homo sapiens genomic clone 2287M13, genomic survey se-
 quence.//0.090:115:69//B99228
 R-HEM BB1000959//Homo sapiens chromosome 17, clone HRPC905N1, complete sequence.//5.7e-89:544:90//
 AC003098
 25 R-HEM BB1000973//Arabidopsis thaliana chromosome II BAC F2I9 genomic sequence, complete sequence.//
 0.038:377:58//AC005560
 R-HEM BB1000975//Arabidopsis thaliana chromosome II BAC F5H14 genomic sequence, complete sequence.//
 1.0e-05:342:62//AC006234
 R-HEM BB1000981//CIT-HSP-2386J13.TF.1 CIT-HSP Homo sapiens genomic clone 2386J13, genomic survey
 sequence.//1.1e-18:231:74//AQ239443
 30 R-HEM BB1000985//HS_3184_A1_D12_T7 CIT Approved Human Genomic Sperm Library D. Homo sapiens ge-
 nomic clone Plate=3184 Col=23 Row=G, genomic survey sequence.//6.3e-52:286:95//AQ150008
 R-HEM BB1000991
 R-HEM BB1000996//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3,
 complete sequence.//1.4e-42:343:81//AC002368
 35 R-HEM BB1001004
 R-HEM BB1001008//CITBI-E1-2504L23.TF CITBI-E1 Homo sapiens genomic clone 2504L23, genomic survey se-
 quence.//3.1e-57:317:94//AQ262056
 R-HEM BB1001011//HS_3017_B1_G03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3017 Col=5 Row=N, genomic survey sequence.//7.3e-34:237:86//AQ101944
 40 R-HEM BB1001014//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING
 DRAFT SEQUENCE.//2.4e-49:417:80//AL031662
 R-HEM BB1001020//Homo sapiens Xp22 BAC GS-377014 (Genome Systems Human BAC library) complete se-
 quence.//7.6e-41:303:76//AC002549
 R-HEM BB1001024//Homo sapiens (subclone 2_g5 from P1 H16) DNA sequence.//7.4e-48:341:85//L48475
 45 R-HEM BB1001037//Homo sapiens 22q11 BAC Clone 489d1 In MDR Region, complete sequence.//2.0e-50:416:
 82//AC005527
 R-HEM BB1001047//Homo sapiens chromosome 19, cosmid R31973, complete sequence.//8.4e-22:288:71//
 AC004699
 R-HEM BB1001051//H.sapiens mRNA for FAN protein.//7.1e-18:114:98//X96586
 50 R-HEM BB1001056//Homo sapiens clone DJ0953A04, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
 6.1e-94:520:93//AC006014
 R-HEM BB1001058//Homo sapiens clone UWGC:y17c131 from 6p21, complete sequence.//1.1e-56:242:82//
 AC004187
 R-HEM BB1001060//Human Tigger1 transposable element, complete consensus sequence.//4.2e-66:323:81//
 55 U49973
 R-HEM BB1001063//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 523G1, WORKING
 DRAFT SEQUENCE.//4.0e-114:556:98//AL034375
 R-HEM BB1001068//Homo sapiens liprin-beta2 mRNA, partial cds.//2.8e-105:512:97//AF034803

- R-HEM BB1001096//Human DNA sequence from PAC 246O8, between markers DXS6791 and DXS8038 on chromosome X contains ESTs.//2.4e-13:225:69//Z76735
- R-HEM BB1001102//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.4e-35:295:80//AL022577
- 5 R-HEM BB1001105//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 462O23, WORKING DRAFT SEQUENCE.//7.9e-46:380:80//AL031431
- R-HEM BB1001114//Homo sapiens DNA sequence from PAC 119E23 on chromosome Xq25-q27.1. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2),5'UTR. ESTs, STS.//1.1e-38:306:84//Z99570
- 10 R-HEM BB1001117//RPCI11-35I8.TK RPCI-11 Homo sapiens genomic clone RPCI-11-35I8, genomic survey sequence.//1.5e-08:67:100//AQ047113
- R-HEM BB1001119//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//9.0e-26:481:67//AC003071
- 15 R-HEM BB1001126//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete sequence.//0.045:127:69//Z99495
- R-HEM BB1001133//Human SS-A/Ro ribonucleoprotein autoantigen 60 kd subunit mRNA, complete cds.//5.0e-23:285:73//M25077
- R-HEM BB1001137//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-09, complete sequence.//2.5e-07:334:62//AL010222
- 20 R-HEM BB1001142//Human BAC clone RG164L14 from 7q21-q22, complete sequence.//2.5e-46:412:79//AC002564
- R-HEM BB1001151//Mus musculus IFN alpha-treated embryonic fibroblast mRNA.//1.8e-11:148:77//U51904
- R-HEM BB1001153//RPCI11-10L7.TP RPCI-11 Homo sapiens genomic clone RPCI-11-10L7, genomic survey sequence.//2.3e-34:213:82//B71766
- 25 R-HEM BB1001169//Homo sapiens chromosome 17, clone HCIT39G8, complete sequence.//0.040:465:56//AC003070
- R-nnnnnnnnnnnn//Sequence 1 from patent US 5618695.//2.8e-15:176:80//I40055
- R-HEM BB1001177
- 30 R-HEM BB1001182//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-52, complete sequence.//1.9e-05:174:70//AL010226
- R-HEM BB1001199
- R-HEM BB1001208
- R-HEM BB1001209//RPCI11-41E13.TP RPCI-11 Homo sapiens genomic clone RPCI-11-41E13, genomic survey sequence.//1.1e-95:473:97//AQ029098
- 35 R-HEM BB1001210//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL), complete sequence.//6.2e-08:412:61//AC005199
- R-HEM BB1001218//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey sequence.//1.0e-46:498:74//B75158
- 40 R-HEM BB1001221//RPCI11-62024.TJ RPCI11 Homo sapiens genomic clone R-62024, genomic survey sequence.//3.2e-09:215:68//AQ200950
- R-HEM BB1001234
- R-HEM BB1001242
- R-HEM BB1001249//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.4e-33:361:72//AC005377
- 45 R-HEM BB1001253//Homo sapiens chromosome 3, olfactory receptor pseudogene cluster 1, complete sequence, and myosin light chain kinase (MLCK) pseudogene, partial sequence.//3.8e-105:517:98//AF042089
- R-HEM BB1001254//Methanococcus jannaschii section 3 of 150 of the complete genome.//0.96:203:61//U67461
- R-HEM BB1001267//Human DNA sequence from clone 14O9 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032, complete sequence.//2.8e-39:320:80//Z98046
- 50 R-HEM BB1001271//Homo sapiens chromosome 17, clone hRPK.349_A_8, complete sequence.//3.9e-47:494:75//AC005544
- R-HEM BB1001282//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 184J9, WORKING DRAFT SEQUENCE.//0.0011:97:79//AL031428
- 55 R-HEM BB1001288
- R-HEM BB1001289//Homo sapiens chromosome 5, BAC clone 343g16 (LBNL H180), complete sequence.//2.0e-

- 31:301:78//AC005601
 R-HEM BB1001294//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence.//0.053:283:60//AC003083
 R-HEM BB1001302
 5 R-HEM BB1001304//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING DRAFT SEQUENCE.//6.3e-15:396:64//AL033397
 R-HEM BB1001314//Homo sapiens genomic DNA, 21q region, clone: f30F8SpN6, genomic survey sequence.//3.4e-42:293:86//AG013777
 R-HEM BB1001315//Human NFE genomic fragment.//7.5e-30:243:78//M98511
 10 R-HEM BB1001317//Homo sapiens chromosome 17, clone hRPC.1028_K_7, complete sequence.//2.3e-39:301:82//AC004585
 R-HEM BB1001326//HS_3054_A1_F12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3054 Col=23 Row=K, genomic survey sequence.//0.90:117:63//AQ106096
 R-HEM BB1001331//Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.//0.037:103:77//D63850
 15 R-HEM BB1001335//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence.//9.1e-19:229:77//AC003037
 R-HEM BB1001337
 R-HEM BB1001339//Homo sapiens FSHD-associated repeat DNA, proximal region.//2.9e-45:551:72//U85056
 20 R-HEM BB1001346//Homo sapiens phenylalanine-tRNA synthetase (FARS1) mRNA, nuclear gene encoding mitochondrial protein, complete cds.//2.7e-59:292:99//AF097441
 R-HEM BB1001348//Homo sapiens clone DJ0691F11, WORKING DRAFT SEQUENCE, 11 unordered pieces.//9.1e-41:326:82//AC004859
 R-HEM BB1001356//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//1.8e-11:213:67//Z82207
 25 R-HEM BB1001364//HS_3050_A2_F05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=10 Row=K, genomic survey sequence.//1.8e-21:158:91//AQ133940
 R-HEM BB1001366//Homo sapiens chromosome 10 clone CIT987SK-1188I5 map 10p11.2-10p12.1, complete sequence.//4.1e-37:419:73//AC005876
 30 R-HEM BB1001367//Human Chromosome 16 BAC clone CIT987SK-A-234F9, complete sequence.//9.5e-15:201:75//U91326
 R-HEM BB1001369//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 477J10, WORKING DRAFT SEQUENCE.//1.8e-28:224:83//AL021686
 R-HEM BB1001380//HS_2267_B1_F11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2267 Col=21 Row=L, genomic survey sequence.//4.0e-14:100:95//AQ084896
 35 R-HEM BB1001384//Mus musculus COP9 complex subunit 4 (COPS4) mRNA, complete cds.//9.6e-55:312:81//AF071314
 R-HEM BB1001387//Homo sapiens chromosome 9, P1 clone 8660 (LBNL H105), complete sequence.//1.0:166:63//AC003953
 40 R-HEM BB1001394//Homo sapiens chromosome 17, clone hRPK.215_E_13, complete sequence.//1.4e-55:494:76//AC005549
 R-HEM BB1001410//Homo sapiens PAC clone DJ1102B04 from 7q11.23-7q21, complete sequence.//0.011:208:63//AC006204
 R-HEM BB1001424//Homo sapiens, WORKING DRAFT SEQUENCE, 76 unordered pieces.//1.5e-22:325:69//AC002370
 45 R-HEM BB1001426//Homo sapiens 12q24 PAC RPCI3-424M6 (Roswell Park Cancer Institute Human PAC library) complete sequence.//1.3e-46:328:84//AC002350
 R-HEM BB1001429//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0481P14; HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces.//6.6e-105:550:95//AC006160
 50 R-HEM BB1001436
 R-HEM BB1001443//HS_2228_A1_B05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=9 Row=C, genomic survey sequence.//0.37:173:62//AQ066934
 R-HEM BB1001449//Homo sapiens clone DJ1129E22, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.7e-23:339:69//AC005522
 55 R-HEM BB1001454//Homo sapiens chromosome 5, P1 clone 1307e8 (LBNL H60), complete sequence.//1.1e-39:299:84//AC005355
 R-HEM BB1001458//Plasmodium falciparum chromosome 2, section 67 of 73 of the complete sequence.//6.0e-05:486:59//AE001430

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R-HEM BB1001463//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence.//1.2e-50:317:89//AC005154

R-HEM BB1001464//CIT-HSP-2370C10.TF CIT-HSP Homo sapiens genomic clone 2370C10, genomic survey sequence.//0.20:95:71//AQ107941

5 R-HEM BB1001482//Mus musculus clone OST20235, genomic survey sequence.//4.3e-09:192:70//AF046762

R-HEM BB1001500//Human DNA sequence from PAC 465G10 on chromosome X contains Menkes Disease (ATP7A) putative Cu⁺⁺-transporting P-type ATPase exons 2 to 21, PGAM-B, ESTs.//1.9e-21:253:70//Z94801

R-HEM BB1001521//Mus musculus clone OST1209, genomic survey sequence.//7.5e-30:332:75//AF046642

10 R-HEM BB1001527//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//9.5e-55:483:76//AC005000

R-HEM BB1001531//Human BAC clone 7E17 from 12q, complete sequence.//1.3e-08:159:71//AC002070

R-HEM BB1001535//Human DNA sequence from cosmid E127C11 on chromosome 22q11.2-qter contains STS.//4.0e-30:286:79//Z74581

R-HEM BB1001536//Homo sapiens cosmid clone LUCA16 from 3p21.3, complete sequence.//1.6e-39:342:80//U73169

15 R-HEM BB1001537//Genomic sequence from Human 9q34, complete sequence.//3.7e-41:361:77//AC000394

R-HEM BB1001555//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-485G10, complete sequence.//0.34:212:61//AC003049

R-HEM BB1001562//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-328A3, complete sequence.//8.0e-40:267:88//AC002301

20 R-HEM BB1001564//Homo sapiens clone DJ0414A15, WORKING DRAFT SEQUENCE, 9 unordered pieces.//5.1e-30:286:76//AC005225

R-HEM BB1001565//Homo sapiens clone DJ0607J02, WORKING DRAFT SEQUENCE, 12 unordered pieces.//2.5e-15:194:75//AC004840

25 R-HEM BB1001585//Human DNA sequence from clone 790B6 on chromosome 20p11.22-12.2. Contains STSs and GSSs, complete sequence.//2.6e-33:234:79//AL031677

R-HEM BB1001586//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//2.7e-30:371:74//AC005236

R-HEM BB1001588//Homo sapiens Xp22 GS-52411 (Genome Systems Human BAC library), complete sequence.//8.0e-32:323:73//AC003106

30 R-HEM BB1001603//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-59, complete sequence.//0.034:302:59//AL010235

R-HEM BB1001618//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and OpG island.//7.1e-31:503:68//Z93023

35 R-HEM BB1001619//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//3.7e-50:539:72//AC002368

R-HEM BB1001630//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//1.3e-27:228:82//Z86062

40 R-HEM BB1001635//Homo Sapiens Chromosome X clone bW XD90, complete sequence.//1.5e-23:407:69//AC004075

R-HEM BB1001637//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//3.9e-54:519:74//AC002368

R-HEM BB1001641//Human DNA sequence from clone 133H11 on chromosome 6p24. Contains STSs, GSSs and genomic marker D6S410, complete sequence.//1.9e-08:464:60//AL024506

45 R-HEM BB1001653//Homo sapiens chromosome 17, clone HCIT3L16, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.8e-39:318:82//AC002344

R-HEM BB1001665//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//3.8e-47:283:90//U14572

R-HEM BB1001668

50 R-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds.//1.8e-115:573:97//AB014546

R-HEM BB1001684//Sequence 1 from patent US 5700927.//1.9e-40:343:77//I86429

R-HEM BB1001685//Homo sapiens chromosome 17, clone hRPK.721_K_1, complete sequence.//2.6e-43:31:83//AC005411

R-HEM BB1001695

55 R-HEM BB1001704//CIT-HSP-2324C15.TR CIT-HSP Homo sapiens genomic clone 2324C15, genomic survey sequence.//0.0074:259:58//AQ028704

R-HEM BB1001706//Homo sapiens clone DJ0665P05, WORKING DRAFT SEQUENCE, 5 unordered pieces.//9.1e-34:296:80//AC004851

- R-HEM BB1001707//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence.//7.7e-32:241:76//AC004020
- R-HEM BB1001717//CIT-HSP-2378C19.TF CIT-HSP Homo sapiens genomic clone 2378C19, genomic survey sequence.//4.8e-35:228:89//AQ108992
- 5 R-HEM BB1001735//Homo sapiens chromosome 5, BAC clone 114k9 (LBNL H94), complete sequence.//1.8e-10:80:90//AC005613
- R-HEM BB1001736//CIT-HSP-2369K6.TF CIT-HSP Homo sapiens genomic clone 2369K6, genomic survey sequence.//9.9e-38:242:90//AQ075221
- 10 R-HEM BB1001747//Homo sapiens cosmids Qc14E2, Qc12H12, Qc11F9, Qc10G9, LA1733 and Qc17B8 from Xq28, complete sequence.//3.3e-60:366:80//J82671
- R-HEM BB1001749//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence.//1.4e-60:242:92//AC005829
- R-HEM BB1001753//RPC11-59J22.TK RPC11 Homo sapiens genomic clone R-59J22, genomic survey sequence.//6.2e-08:281:64//AQ200046
- 15 R-HEM BB1001756//Homo sapiens BAC clone RG293F17 from 7p15-p21, complete sequence.//3.1e-18:395:67//AC004130
- R-HEM BB1001760//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE.//9.9e-18:416:64//AP000050
- 20 R-HEM BB1001762//Mus musculus major histocompatibility locus class II region: major histocompatibility protein class II alpha chain (IAalpha) and major histocompatibility protein class II beta chain (IEbeta) genes, complete cds; butyrophilin-like (NG9), butyrophilin-like (NG10), hypothetical protein (NG8), and butyrophilin-like (NG11) genes, partial cds; NG12 pseudogene, partial sequence; and hypothetical butyrophilin-like protein (NG13) gene, partial cds.//0.21:521:57//AF050157
- R-HEM BB1001785//Torulopsis glabrata mitochondrial intergenic region ATPase 6 -ATPase 9 genes.//0.00073:189:65//X02170
- 25 R-HEM BB1001797//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.0049:322:62//AC005140
- R-HEM BB1001802//Human desmin gene, complete cds.//8.1e-95:510:93//M63391
- 30 R-HEM BB1001812//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B8, WORKING DRAFT SEQUENCE.//1.3e-71:368:96//Z98882
- R-HEM BB1001816//Homo sapiens chromosome 21 PAC LLNLP704G1150Q13.//8.4e-21:164:76//AJ006996
- R-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds.//1.7e-104:498:98//AF056209
- 35 R-HEM BB1001836//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//9.2e-44:388:71//AC005328
- R-HEM BB1001839
- R-HEM BB1001850//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MOP10, complete sequence.//0.00093:488:60//AB005241
- 40 R-HEM BB1001863//Human poly(ADP-ribose) polymerase gene, 5' end.//1.2e-16:458:65//M60436
- R-HEM BB1001867//Human DNA sequence from cosmid U25D11, between markers DXS366 and DXS87 on chromosome X.//5.0e-31:399:74//Z68327
- R-HEM BB1001868//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MYN8, complete sequence.//0.26:303:59//AB020754
- 45 R-HEM BB1001869//Homo sapiens chromosome 17, clone hCIT529I10, complete sequence.//7.0e-37:285:85//AC002553
- R-HEM BB1001872//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y44F5, WORKING DRAFT SEQUENCE.//0.093:367:58//AL009027
- R-HEM BB1001874
- 50 R-HEM BB1001875//Lactococcus lactis DPC3147 plasmid pMRC01, complete plasmid sequence.//0.037:406:60//AE001272
- R-HEM BB1001880//Homo sapiens chromosome 17, clone hRPK.235_I_10, complete sequence.//1.3e-49:461:77//AC005922
- R-HEM BB1001899//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y116A8, WORKING DRAFT SEQUENCE.//0.56:295:60//Z98858
- 55 R-HEM BB1001905//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//1.9e-28:181:75//AL022345
- R-HEM BB1001906
- R-HEM BB1001908//Genomic sequence from Human 17, complete sequence.//2.9e-36:274:76//AC001231

R-HEM BB1001910//Homo sapiens chromosome 17, clone HCIT39G8, complete sequence.//3.5e-41:408:76//AC003070

R-HEM BB1001911//Homo sapiens *** SEQUENCING IN PROGRESS *** , WORKING DRAFT SEQUENCE.//6.1e-64:310:89//AJ011929

5 R-HEM BB1001915//Mouse mRNA for arylhydrocarbon receptor, complete cds.//2.0e-20:220:78//D38417

R-HEM BB1001921//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1141E15, WORKING DRAFT SEQUENCE.//1.9e-47:410:80//AL034422

R-HEM BB1001922//Homo sapiens chromosome 17, clone HCIT421K24, complete sequence.//6.2e-32:378:74//AC004099

10 R-HEM BB1001925//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT SEQUENCE, 17 unordered pieces.//8.2e-41:304:84//AC000406

R-HEM BB1001930//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 10/11.//8.3e-12:202:69//AB020867

R-HEM BB1001944//P.falciparum gene for beta subunit RNA polymerase.//0.00090:264:62//X75544

15 R-HEM BB1001945//Swietenia humilis DNA for simple tandem repeat (242bp).//0.056:224:62//AJ000408

R-HEM BB1001947//RPC111-60L13.TJ RPC111 Homo sapiens genomic clone R-60L13, genomic survey sequence.//7.4e-23:146:94//AQ202335

R-HEM BB1001950//Human DNA sequence from clone 415G2 on chromosome 22 Contains synapsin IIIa exon 1, EST and GSS, complete sequence.//0.57:115:68//Z83846

20 R-HEM BB1001952//Homo Sapiens Chromosome X clone bW XD171, WORKING DRAFT SEQUENCE, 1 ordered pieces.//5.6e-36:283:84//AC004676

R-HEM BB1001953//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//8.9e-60:334:82//AC005037

R-HEM BB1001957//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.9e-56:518:77//AC005077

25 R-HEM BB1001962//Homo sapiens chromosome 16, BAC clone 462G18 (LANL), complete sequence.//3.2e-19:157:86//AC005736

R-HEM BB1001967//Homo sapiens DNA for amyloid precursor protein, complete cds.//5.7e-68:314:89//D87675

R-HEM BB1001973//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC E7.1 / cosmid 40M1, WORKING DRAFT SEQUENCE.//1.4e-37:484:70//AJ009617

30 R-HEM BB1001983//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE.//2.1e-28:286:75//AL034417

R-HEM BB1001988//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1112F19, WORKING DRAFT SEQUENCE.//6.9e-29:203:88//AL034420

35 R-HEM BB1001990//Homo sapiens full-length insert cDNA clone ZC33G03.//7.8e-95:456:99//AF086192

R-HEM BB1001996

R-HEM BB1001997//Homo sapiens clone RG050N15, WORKING DRAFT SEQUENCE, 26 unordered pieces.//6.4e-26:162:83//AC005055

R-HEM BB1002002//Human DNA sequence from PAC 2A2 on chromosome X contains ESTs.//8.2e-83:362:93//Z84816

40 R-HEM BB1002005//Homo sapiens chromosome 3p clone RPCI5-1034C16, WORKING DRAFT SEQUENCE, 45 unordered pieces.//8.5e-36:291:83//AC005903

R-HEM BB1002009//Homo sapiens clone DJ0828F13, complete sequence.//5.6e-08:307:65//AC004904

R-HEM BB1002015//HS-1039-A1-C10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 821 Col=19 Row=E, genomic survey sequence.//1.9e-05:375:62//B36336

45 R-HEM BB1002042//CIT-HSP-2313E13.TF CIT-HSP Homo sapiens genomic clone 2313E13, genomic survey sequence.//0.34:241:62//AQ028389

R-HEM BB1002043//Homo sapiens chromosome 21, P1 clone LBL#8 (LBNL H8), complete sequence.//7.4e-35:297:82//AC005612

50 R-HEM BB1002044//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//5.8e-96:582:90//AC005740

R-HEM BB1002045//Homo sapiens chromosome 19, cosmid F22676, complete sequence.//4.7e-63:575:77//AC005778

R-HEM BB1002049//Human Chromosome X clone bW XD187, complete sequence.//1.9e-21:384:64//AC004383

55 R-HEM BB1002050//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//2.5e-37:368:76//AC005553

R-HEM BB1002068//Homo sapiens chromosome 5, BAC clone 205e20 (LBNL H170), complete sequence.//0.30:167:65//AC004782

- R-HEM BB1002069//Homo sapiens chromosome 19, cosmid R33516, complete sequence.//2.3e-73:449:84//AC004799
- R-HEM BB1002092//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//3.8e-45:307:87//AC005828
- 5 R-HEM BB1002094//Homo sapiens chromosome 19, cosmid R30538, complete sequence.//3.1e-47:457:76//AC005943
- R-HEM BB1002115//HS_2223_B1_G10_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2223 Col=19 Row=N, genomic survey sequence.//3.0e-58:295:98//AQ152279
- 10 R-HEM BB1002139//***ALU WARNING: Human Alu-Sq subfamily consensus sequence.//6.6e-49:283:93//U14573
- R-HEM BB1002142//Homo sapiens clone DJ0813F11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.1e-45:451:76//AC006006
- R-HEM BB1002152//Homo sapiens chromosome 10 clone CIT987SK-1079E16 map 10q25, complete sequence.//1.3e-57:359:81//AC005881
- 15 R-HEM BB1002189//Human Chromosome 11 pac pDJ392a17, complete sequence.//4.5e-43:420:77//AC000385
- R-HEM BB1002190//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//8.2e-33:340:64//AC004913
- R-HEM BB1002193//Sequence 5 from patent US 5709858.//3.2e-23:154:92//I80846
- R-HEM BB1002217//Homo sapiens clone HS19.2 Alu-Ya5 sequence.//2.6e-52:415:81//AF015148
- 20 R-HEM BB1002218//, complete sequence.//3.4e-17:178:82//AC005300
- R-HEM BB1002232//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0052122; HTGS phase 1, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.6e-55:292:88//AC004599
- R-HEM BB1002247//Homo sapiens chromosome 17, clone hRPK.259_G_18, complete sequence.//2.9e-13:227:70//AC005829
- 25 R-HEM BB1002249//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING DRAFT SEQUENCE.//1.1e-06:284:64//AL031733
- R-HEM BB1002254//Human Chromosome X, WORKING DRAFT SEQUENCE, 6 unordered pieces.//6.3e-104:593:91//AC002415
- R-HEM BB1002255//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 292E10, WORKING DRAFT SEQUENCE.//2.1e-40:284:85//Z93930
- 30 R-HEM BB1002266//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-10, complete sequence.//1.3e-09:371:63//AL010216
- R-HEM BB1002280//Homo sapiens PAC clone DJ0545C24 from 7q21-q22, complete sequence.//1.3e-39:247:86//AC004534
- 35 R-HEM BB1002300//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//4.1e-84:549:86//U73642
- R-HEM BB1002306//Homo sapiens BAC clone RG136N17 from 7p15-p21, complete sequence.//2.5e-10:164:71//AC004129
- R-HEM BB1002327//Homo sapiens BAC clone GS539F22 from 7p12-p14, complete sequence.//0.39:365:59//AC005028
- 40 R-HEM BB1002329//HS-1049-B1-D05-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 771 Col=9 Row=H, genomic survey sequence.//0.96:180:58//B39313
- R-HEM BB1002340//Homo sapiens PAC clone DJ0659J06 from 7q33-q35, complete sequence.//7.9e-17:258:73//AC004849
- R-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein.//6.9e-96:479:97//AJ010841
- 45 R-HEM BB1002358//Human Xp22 BAC CT-285I15 (from CalTech/Research Genetics), PAC RPC11-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//2.3e-53:309:83//AC002366
- R-HEM BB1002359//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.9e-27:350:74//AC005038
- 50 R-HEM BB1002364//Homo sapiens Xp22 PAC RPC11-108M6 (Roswell Park Cancer Center PAC library) complete sequence.//8.6e-53:302:79//AC003036
- R-HEM BB1002371//Human gene for catalase (EC 1.11.1.6) exon 11 mapping to chromosome 11, band p13.//3.2e-38:199:100//X04094
- R-HEM BB1002381//Homo sapiens (JH8) mRNA, partial cds.//3.2e-07:120:78//AF072467
- 55 R-HEM BB1002383//Human DNA sequence from cosmid U19H10 on chromosome X. Contains ESTs and CA repeat.//0.98:351:58//AL021182
- R-HEM BB1002387//HS-1052-B2-G10-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 774 Col=20 Row=N, genomic survey sequence.//2.0e-07:276:67//B41091
- R-HEM BB1002415//Homo sapiens chromosome 17, clone hRPK.209_D_14, complete sequence.//1.4e-25:202:

79//AC005730
R-HEM BB1002425//Homo sapiens chromosome 19, cosmid R33516, complete sequence.//3.6e-60:401:87//
AC004799
R-HEM BB1002442//Homo sapiens clone UWGC:r9a from 6p21, complete sequence.//3.1e-51:358:81//AC006046
5 R-HEM BB1002453//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 86D1, WORKING
DRAFT SEQUENCE.//1.4e-115:557:98//AL034349
R-HEM BB1002457//Human DNA sequence from clone 364I22 on chromosome Xq21.31-22.3. Contains an STS
and GSSs, complete sequence.//6.3e-37:338:80//AL031012
R-HEM BB1002458//Homo sapiens T-cell receptor alpha delta locus from bases 250472 to 501670 (section 2 of
10 5) of the Complete Nucleotide Sequence.//9.7e-09:314:64//AE000659
R-HEM BB1002477//Arabidopsis thaliana DNA chromosome 4, BAC clone T12H17 (ESSAll project).//0.42:110:
74//AL021635
R-HEM BB1002489//Salvelinus fontinalis microsatellite sequence SFO-12.//6.6e-06:167:71//U50302
R-HEM BB1002492//RPCI11-74F21.TK RPCI11 Homo sapiens genomic clone R-74F21, genomic survey se-
15 quence.//3.1e-14:410:63//AQ238960
R-HEM BB1002495//HS_3220_A2_F07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3220 Col=14 Row=K, genomic survey sequence.//1.3e-24:137:100//AQ180762
R-HEM BB1002502//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//9.6e-81:538:
86//AC006120
20 R-HEM BB1002509//Human DNA sequence from clone 581F12 on chromosome Xq21. Contains Eukaryotic Trans-
lation Initiation Factor EIF3 P35 Subunit and 60S Ribosomal protein L22 pseudogenes. Contains ESTs, complete
sequence.//0.0061:482:57//AL031313
R-HEM BB1002510//HS_2179_A1_F03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2179 Col=5 Row=K, genomic survey sequence.//6.9e-35:423:72//AQ298309
25 R-HEM BB1002520//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING
DRAFT SEQUENCE.//2.0e-62:201:85//AL033397
R-HEM BB1002522//Homo sapiens chromosome 5, Pac clone 61c2 (LBNL H139), complete sequence.//0.99:323:
58//AC004225
R-HEM BB1002531
30 R-HEM BB1002534//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 2/15,
WORKING DRAFT SEQUENCE.//1.0e-61:380:79//AP000009
R-HEM BB1002545//RPCI11-2F3.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-2F3, genomic survey se-
quence.//3.5e-12:414:63//B63283
R-HEM BB1002550
35 R-HEM BB1002556//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0481P14;
HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.6e-62:299:85//AC006160
R-HEM BB1002579//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1141E15, WORK-
ING DRAFT SEQUENCE.//1.7e-42:286:88//AL034422
R-HEM BB1002582//Homo sapiens clone DJ1119N05, complete sequence.//3.0e-14:426:60//AC004968
40 R-HEM BB1002590//Homo sapiens clone RG132J19, complete sequence.//1.1e-30:392:74//AC005163
R-HEM BB1002596//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508115, WORKING
DRAFT SEQUENCE.//8.5e-44:335:83//AL021707
R-HEM BB1002600//Homo sapiens 12p13.3 PAC RPCI5-1063M23 (Roswell Park Cancer Institute Human PAC
Library) complete sequence.//2.0e-105:470:96//AC005865
45 R-HEM BB1002601//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence.//1.3e-44:445:77//
AC004223
R-HEM BB1002603//Homo sapiens clone UWGC:y23c049 from 6p21, complete sequence.//7.0e-40:321:82//
AC006162
R-HEM BB1002607//CIT-HSP-2347D7.TF CIT-HSP Homo sapiens genomic clone 2347D7, genomic survey se-
50 quence.//1.1e-44:234:98//AQ060197
R-HEM BB1002610//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//7.0e-22:455:
65//U91321
R-HEM BB1002613//Homo sapiens 12p13.3 BAC RPCI11-476M19 (Roswell Park Cancer Institute Human BAC
Library) complete sequence.//3.0e-72:302:85//AC005908
55 R-HEM BB1002614//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Li-
brary) complete sequence.//3.8e-10:512:60//AC004801
R-HEM BB1002617//Homo sapiens clone DJ1021I20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//6.8e-
24:486:63//AC005520

- R-HEM BB1002623//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence.//2.4e-41:326:83//AC004953
- R-HEM BB1002635//Homo sapiens chromosome 12p13.3 clone RPC11-189M20, WORKING DRAFT SEQUENCE, 39 unordered pieces.//2.6e-42:360:80//AC005910
- 5 R-HEM BB1002664//Homo sapiens chromosome 21q22.3 PAC 171F15, complete sequence.//9.1e-51:335:87//AF042090
- R-HEM BB1002677//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//0.0011:399:59//AF030694
- 10 R-HEM BB1002683//Homo sapiens chromosome 21q22.3 PAC 171F15, complete sequence.//4.1e-55:515:76//AF042090
- R-HEM BB1002684//Human BAC clone RG066D11 from 7q22, complete sequence.//1.7e-18:504:62//AC002430
- R-HEM BB1002686//Homo sapiens full-length insert cDNA clone ZC65D06.//7.0e-85:413:99//AF086217
- R-HEM BB1002692//Homo sapiens 12p13.3 BAC RPC11-319E16 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//9.8e-69:505:82//AC006206
- 15 R-HEM BB1002697//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.26:390:58//AC004153
- R-HEM BB1002699//Human NFE genomic fragment.//8.0e-32:226:79//M98511
- R-HEM BB1002702//CIT-HSP-344K23.TVC CIT-HSP Homo sapiens genomic clone 344K23, genomic survey sequence.//8.6e-43:351:8011859764
- 20 R-HEM BB1002705//Plasmodium yoelii rhoptry protein, complete cds.//0.0064:454:59//L27838
- R-HEM BB1002712//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat and GSSs, complete sequence.//9.6e-09:187:67//Z98052
- R-MAMMA1000009//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//4.1e-21:201:80//AC005037
- 25 R-MAMMA1000019//Homo sapiens chromosome 21q22.2 PAC clone P169K17, complete sequence.//4.2e-48:306:82//AF015720
- R-MAMMA1000020//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//1.4e-41:306:86//AL022163
- 30 R-MAMMA1000025//Human DNA sequence from clone 512B11 on chromosome 6p24-25. Contains the Desmoplakin I (DPI) gene, ESTs, STSs and GSSs, complete sequence.//6.1e-36:281:83//AL031058
- R-MAMMA1000043//Homo sapiens Chromosome 22q11.2 Cosmid Clone 8c In DGCR Region, complete sequence.//1.3e-67:321:88//AC000090
- 35 R-MAMMA1000045//Homo sapiens chromosome 4 clone B220G8 map 4q21, complete sequence.//6.7e-86:559:86//AC004054
- R-MAMMA1000055//Branta canadensis CA dinucleotide repeat locus BcamicroI.//0.79:63:77//AF025889
- R-MAMMA1000057//Homo sapiens DNA sequence from cosmid ICK0721Q on chromosome 6. Contains a 60S Ribosomal Protein L35A LIKE pseudogene, a gene coding for a 60S Ribosomal Protein L12 LIKE protein in an intron of the HSET gene coding for a Kinesin related protein, the PHF1 (PHF2) gene coding for alternative splice products PHD finger proteins 1 and 2, the gene coding for five different alternatively spliced mRNAs coding for a protein similar to CYTA (CYCY) and identical to a polypeptide coded for by a known patented cDNA, and the first two exons of the gene coding for the human homolog of the rat synaptic ras GTPase-activating protein p135 SynGAP. Contains three predicted CpG islands, ESTs and an STS, complete sequence.//1.6e-53:397:83//AL021366
- 40 R-MAMMA1000069//Homo sapiens clone RG052H06, WORKING DRAFT SEQUENCE, 11 unordered pieces.//2.0e-37:295:83//AC005057
- R-MAMMA1000084//Homo sapiens chromosome Xp22-135-136 clone GSHB-567I1, WORKING DRAFT SEQUENCE, 35 unordered pieces.//7.1e-45:296:88//AC005867
- 50 R-MAMMA1000085
- R-MAMMA1000092//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 774G10, WORKING DRAFT SEQUENCE.//8.2e-34:539:69//AL034410
- R-MAMMA1000103//Homo sapiens chromosome 17, clone hCIT.91_J_4, complete sequence.//3.4e-39:297:85//AC003976
- 55 R-MAMMA1000117//Homo sapiens p47-phox (NCF1) pseudogene, clone P38, exon 5.//2.6e-07:162:67//U69641
- R-MAMMA1000129//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//6.1e-13:141:80//AC004882
- R-MAMMA1000133

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R-MAMMA1000134//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//9.7e-18:171:80//AC005328

R-MAMMA1000139//Homo sapiens clone DJ241P17, WORKING DRAFT SEQUENCE, 7 unordered pieces.//1.2e-49:366:75//AC005000

5 R-MAMMA1000143//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC D9.2, WORKING DRAFT SEQUENCE.//3.9e-56:318:89//AJ009615

R-MAMMA1000155//Human DNA sequence from clone 323M22 on chromosome 22q13.1-13.2. Contains the 5' part of the human ortholog of chicken P52 and mouse H74, and a novel gene coding for a protein similar to KIAA0173 and worm Tubulin Tyrosine Ligase. Contains ESTs, STSs, GSSs, genomic marker D22S418 and putative CpG islands, complete sequence.//2.1e-68:562:78//AL022476

10 R-MAMMA1000163//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//5.3e-06:408:58//AC005089

R-MAMMA1000171//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey sequence.//1.5e-42:173:89//AQ037381

15 R-MAMMA1000173

R-MAMMA1000175//H.sapiens CpG island DNA genomic Mse1 fragment, clone 186c5, reverse read cpg186c5.rt1b.//0.072:90:72//Z57594

R-MAMMA1000183//Homo sapiens Xp22 BAC GSHB-184P14 (Genome Systems Human BAC library) complete sequence.//1.5e-44:445:75//AC004552

20 R-MAMMA1000198//Homo sapiens clone c102D0968, complete sequence.//1.9e-23:135:85//AF038667

R-MAMMA1000221//HS_3242_B2_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3242 Col=4 Row=P, genomic survey sequence.//0.031:167:67//AQ220385

R-MAMMA1000227//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1071N3, WORKING DRAFT SEQUENCE.//4.5e-36:487:71//AL031728

25 R-MAMMA1000241//Homo sapiens DNA sequence from PAC 93L7 on chromosome Xq21. Contains part of the CHM (TCD, REP1) gene coding for RAB Escort protein 1 (REP-1, RAB proteins geranylgeranyltransferase component A 1, Choroideraemia protein, Tapetochoroidal Dystrophy (TCD) protein). Contains ESTs and an STS, complete sequence.//6.2e-07:445:59//AL022401

R-MAMMA1000251//Homo sapiens chromosome 19, cosmid F23465, complete sequence.//1.6e-25:390:69//AC005266

30 R-MAMMA1000254//Homo sapiens DNA sequence from BAC 1216H12 on chromosome 22q12. Contains a pseudogene with similarity to part of mouse Ninein and the KIAA0609 gene for a protein similar to C. elegans K09C8.4. Contains ESTs, GSSs and a gggt repeat polymorphism, complete sequence.//1.1e-37:327:80//AL008715

R-MAMMA1000257//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//1.3e-22:281:74//AL034549

35 R-MAMMA1000264//*** SEQUENCING IN PROGRESS *** EPM1/APECED region of chromosome 21, clones A68E8, B127P21, B173L3, B23N8, C1242C9, C579E2, A70B6, B159G9, B175D10, B52C10, C124G1 Note: Sequencing in this region has been discontinued by the Stanford Human Genome Center, WORKING DRAFT SEQUENCE, 50 unordered pieces.//1.7e-29:337:67//AC003656

40 R-MAMMA1000266//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 681N20, WORKING DRAFT SEQUENCE.//7.7e-37:339:80//AL031670

R-MAMMA1000270//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//1.2e-40:283:86//AF001549

R-MAMMA1000277//CIT-HSP-516K6.TP CIT-HSP Homo sapiens genomic clone 516K6, genomic survey sequence.//3.0e-29:265:80//B49900

45 R-MAMMA1000278//Sequence 25 from patent US 5708157.//2.6e-39:282:82//I80056

R-MAMMA1000279//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete sequence.//1.6e-52:295:84//AC004494

R-MAMMA1000284//CITBI-E1-2522B20.TF CITBI-E1 Homo sapiens genomic clone 2522B20, genomic survey sequence.//1.8e-11:288:61//AQ280722

50 R-MAMMA1000287

R-MAMMA1000302//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//4.1e-16:169:77//AC005553

R-MAMMA1000307//RPCI11-89L1.TV RPCI11 Homo sapiens genomic clone R-89L1, genomic survey sequence.//1.3e-86:429:97//AQ284795

55 R-MAMMA1000309//Homo sapiens hJAG2.del-E6 (JAG2) mRNA, alternatively spliced isoform of Jagged2, complete cds.//0.00020:384:60//AF029779

R-MAMMA1000312//Ichneutes sp. 16S ribosomal RNA gene, partial sequence.//0.0026:310:60//AF003518

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R-MAMMA1000313//Human cosmid Xq28_IA649, complete sequence.//1.5e-26:317:67//U82694
R-MAMMA1000331//Homo sapiens clone DJ1007F24, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
3.1e-39:277:86//AC004947
R-MAMMA1000339//Homo sapiens clone HS19.1 Alu-Ya5 sequence.//3.2e-44:180:89//AF015147
5 R-MAMMA1000340//Plasmodium falciparum chromosome 2, section 25 of 73 of the complete sequence.//0.97:
293:64//AE001388
R-MAMMA1000348//Homo sapiens BAC129, complete sequence.//4.4e-27:365:72//U85195
R-MAMMA1000356//Drosophila melanogaster DNA sequence (P1 DS02252 (D97)), complete sequence.//0.73:
332:61//AC002493
10 R-MAMMA1000360//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//4.6e-80:279:89//
AC005189
R-MAMMA1000361//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 753D4, WORKING
DRAFT SEQUENCE.//7.8e-18:346:63//AL031676
R-MAMMA1000372//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORK-
15 ING DRAFT SEQUENCE.//5.3e-40:299:83//AL022344
R-MAMMA1000385//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 310013, WORKING
DRAFT SEQUENCE.//1.0e-28:225:84//AL031658
R-MAMMA1000388//CIT-HSP-2321D3.TR CIT-HSP Homo sapiens genomic clone 2321D3, genomic survey se-
quence.//4.7e-60:298:99//AQ038102
20 R-MAMMA1000395
R-MAMMA1000402//Homo sapiens PAC clone DJ1107K12 from 7p12-p14, complete sequence.//1.4e-84:276:88//
AC004692
R-MAMMA1000410//Human Chromosome 16 BAC clone CIT987SK-A-211C6, complete sequence.//6.7e-35:360:
76//AC002394
25 R-MAMMA1000413//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//3.1e-69:327:
79//AC004662
R-MAMMA1000414//Homo sapiens DNA sequence from PAC 164L12 on chromosome Xq13.1-Xq21.2. Contains
GSS (BAC end sequence),STS.//3.6e-41:180:87//AL009028
R-MAMMA1000416//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//
30 3.1e-59:478:77//AC005377
R-MAMMA1000421//Human coxVIb gene, last exon and flanking sequence.//5.3e-53:294:82//X58139
R-MAMMA1000422//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 8B22, WORKING
DRAFT SEQUENCE.//1.0:252:59//AL031737
R-MAMMA1000423//Homo sapiens clone DA0065G23, complete sequence.//2.0e-50:491:76//AC004816
35 R-MAMMA1000424//Human DNA sequence from PAC 507I15 on chromosome Xq26.3-27.3. Contains 60S ribos-
omal protein L44 (L41, L36) like gene, ESTs, STSs and a polymorphic CA repeat.//3.5e-40:340:80//Z98950
R-MAMMA1000429//Mus musculus SDP8 mRNA, complete cds.//0.0019:87:79//AF062484
R-MAMMA1000431//Homo sapiens clone DJ0098O22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//
2.0e-58:564:77//AC004821
40 R-MAMMA1000444//Human BAC clone RG126M09 from 7q21-q22, complete sequence.//3.0e-43:328:83//
AC002067
R-MAMMA1000446//Human chromosome X clone Qc15B1, complete sequence.//0.95:209:65//U82672
R-MAMMA1000458//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MXK3, complete sequence.//
0.99:182:61//AB019236
45 R-MAMMA1000468
R-MAMMA1000472//Homo sapiens genomic DNA, 21q region, clone: 655M9N34, genomic survey sequence.//
1.0e-38:142:88//AG010148
R-MAMMA1000478//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING
DRAFT SEQUENCE.//1.3e-37:286:83//Z93015
50 R-MAMMA1000483//CIT-HSP-384B14.TR CIT-HSP Homo sapiens genomic clone 384B14, genomic survey se-
quence.//4.3e-34:158:86//B54637
R-MAMMA1000490//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//4.2e-98:569:90//
AC006130
R-MAMMA1000500//Human BRCA1, Rho7 and vat1 genes, complete cds, and ipf35 gene, partial cds.//1.2e-41:
55 334:79//L78833
R-MAMMA1000501//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 153G14, WORK-
ING DRAFT SEQUENCE.//1.4e-38:250:84//AL031118
R-MAMMA1000516//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING

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DRAFT SEQUENCE.//1.3e-43:318:83//Z82207
R-MAMMA1000522//Human DNA sequence from clone 739H11 on chromosome 1p33-34.2 Contains KIAA0237 gene, EST, STS, GSS, complete sequence.//4.4e-13:202:73//AL031289
R-MAMMA1000559//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 169I5, WORKING DRAFT SEQUENCE.//2.2e-30:245:83//Z93015
5 R-MAMMA1000565//Homo sapiens chromosome 10 clone LA10NC01_183_B_7 map 10q24, WORKING DRAFT SEQUENCE, 1 ordered pieces.//3.6e-39:281:80//U82205
R-MAMMA1000567//Rattus norvegicus nonmuscle caldesmon mRNA, complete cds.//9.2e-19:216:76//U18419
R-MAMMA1000576
10 R-MAMMA1000583//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//5.4e-53:297:85//AC005666
R-MAMMA1000585//Homo sapiens clone DJ1015P16, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.2e-35:450:71//AC006018
R-MAMMA1000594//Homo sapiens *** SEQUENCING IN PROGRESS *** from cosmid 5L5, WORKING DRAFT SEQUENCE.//4.3e-26:293:75//AJ009613
15 R-MAMMA1000597//CIT-HSP-2341F4.TF CIT-HSP Homo sapiens genomic clone 2341F4, genomic survey sequence.//0.83:110:70//AQ057131
R-MAMMA1000605//Homo sapiens clone DJ1090E20, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.6e-50:290:86//AC004956
20 R-MAMMA1000612//CIT-HSP-2334J18.TF CIT-HSP Homo sapiens genomic clone 2334J18, genomic survey sequence.//0.76:132:65//AQ038364
R-MAMMA1000616//Ibalia leucospoides mitochondrion 16S rRNA gene, partial sequence.//6.8e-06:431:59//U06970
R-MAMMA1000621//Human NBR2 mRNA, complete cds.//5.3e-27:258:80//U88573
25 R-MAMMA1000623
R-MAMMA1000625//Homo sapiens chromosome 19, cosmid R31665, complete sequence.//3.3e-07:325:63//AC005498
R-MAMMA1000643//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 39B17, WORKING DRAFT SEQUENCE.//1.4e-06:236:68//AL023656
30 R-MAMMA1000664//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0326F06; HTGS phase 1, WORKING DRAFT SEQUENCE, 16 unordered pieces.//1.4e-40:338:81//AC004555
R-MAMMA1000669//Human DNA sequence from clone 453C12 on chromosome 20q12-13.12 Contains SDC4 (syndecan 4 (amphiglycan, ryudocan)) predicts a gene like the mouse transcription factor RBP-L, MATN4 (matrilin-4) STS, GSS, CpG island, complete sequence.//1.2e-46:327:86//AL021578
35 R-MAMMA1000670
R-MAMMA1000672//Human DNA sequence from clone 478D8 on chromosome 6p24. Contains STSs and GSSs, complete sequence.//2.2e-29:328:76//AL031785
R-MAMMA1000684//Mus musculus frizzled-1 mRNA, complete cds.//0.21:247:63//AF054623
R-MAMMA1000696//Human Chromosome X clone bWXD173, WORKING DRAFT SEQUENCE, 2 ordered pieces.//2.7e-46:464:71//AC004387
40 R-MAMMA1000707//Homo sapiens clone RG219E16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.4e-09:244:66//AC005075
R-MAMMA1000713//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.7e-51:439:74//AC005478
45 R-MAMMA1000714//Homo sapiens BAC clone RG152H24 from 7p15-p21, complete sequence.//2.8e-29:288:75//AC004694
R-MAMMA1000718//Human Xp22 BAC CT-285I15 (from CalTech/Research Genetics) , PAC RPC11-27C22 (from Roswell Park Cancer Center), and Cosmid U35B5 (from Lawrence Livermore), complete sequence.//3.0e-37:231:91//AC002366
50 R-MAMMA1000720//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//1.4e-35:299:81//AC005781
R-MAMMA1000723//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//3.9e-59:409:79//AL022163
55 R-MAMMA1000731//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//9.4e-29:560:66//AC005077
R-MAMMA1000732//Homo sapiens clone DJ0539M06, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.4e-14:309:68//AC004832

- R-MAMMA1000733//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING DRAFT SEQUENCE.//4.1e-29:377:71//AL008722
- R-MAMMA1000734//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191J18, WORKING DRAFT SEQUENCE.//2.0e-108:420:99//AL024507
- 5 R-MAMMA1000738//Human V beta T-cell receptor (TCRBV) gene locus.//6.6e-41:347:82//U03115
- R-MAMMA1000744//T27O8-T7 TAMU Arabidopsis thaliana genomic clone T27O8, genomic survey sequence.//0.095:367:60//B20150
- R-MAMMA1000746//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0135005; HTGS phase 1, WORKING DRAFT SEQUENCE, 23 unordered pieces.//7.4e-95:569:87//AC004661
- 10 R-MAMMA1000752//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//1.3e-48:295:84//AC003071
- R-MAMMA1000760//Human DNA sequence from clone B79B4 on chromosome 22 Contains CA repeat and GSS, complete sequence.//5.7e-45:347:82//Z82178
- R-MAMMA1000761//Homo sapiens cosmid clone LUCA16 from 3p21.3, complete sequence.//1.1e-32:292:80//U73169
- 15 R-MAMMA1000775//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//2.5e-50:467:79//AC005412
- R-MAMMA1000776//Human BAC clone GS552A01 from 7q21-q22, complete sequence.//1.0e-63:429:79//AC002454
- 20 R-MAMMA1000778//Human DNA sequence from 4PTEL, Huntington's Disease Region, chromosome 4p16.3.//3.5e-25:234:81//Z95704
- R-MAMMA1000782//Human DNA sequence from clone 459L4 on chromosome 6p22.3-24.1 Contains EST, STS, GSS, complete sequence.//0.0021:119:74//AL031120
- R-MAMMA1000798//Homo sapiens 959 kb contig between AML1 and CBR1 on chromosome 21q22, segment 2/3.//6.3e-08:269:64//AJ229042
- 25 R-MAMMA1000802//Homo sapiens chromosome 19, cosmid R33729, complete sequence.//1.1e-36:261:80//AC005339
- R-MAMMA1000831//CIT-HSP-2387J3.TF.1 CIT-HSP Homo sapiens genomic clone 2387J3, genomic survey sequence.//0.68:156:65//AQ240807
- 30 R-MAMMA1000839//Homo sapiens chromosome 17, clone hRPK.726_O_12, WORKING DRAFT SEQUENCE, 6 unordered pieces.//4.6e-50:335:86//AC005517
- R-MAMMA1000841//Human Chromosome 16 BAC clone CIT987SK-A-972D3, complete sequence.//1.3e-40:322:77//U91323
- R-MAMMA1000842//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//4.1e-44:471:74//Z97985
- 35 R-MAMMA1000843//Homo sapiens clone 82F9, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.85:394:60//AC004815
- R-MAMMA1000845//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//0.54:303:63//AL031744
- 40 R-MAMMA1000851//Homo sapiens chromosome X, MeCP2 locus, complete sequence.//1.7e-10:115:83//AF030876
- R-MAMMA1000855//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//5.0e-44:352:83//AC004263
- R-MAMMA1000856//Homo sapiens chromosome 19, cosmid F24200, complete sequence.//1.8e-10:149:74//AC00461
- 45 R-MAMMA1000862//Hepatitis C virus genomic RNA, 3' nontranslated region, partial sequence. clone #16.//8.1e-05:205:66//AF009075
- R-MAMMA1000863//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore human cosmid library) complete sequence.//2.9e-49:421:80//AC002364
- 50 R-MAMMA1000865//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-328A3, complete sequence.//9.1e-41:302:83//AC002301
- R-MAMMA1000867//Human BRCA1, Rho7 and vat1 genes, complete cds, and ipf35 gene, partial cds.//1.9e-17:500:61//L78833
- R-MAMMA1000875//Homo sapiens chromosome 16, cosmid clone RT99 (LANL), complete sequenced.//1.2e-17:211:74//AC004653
- 55 R-MAMMA1000876//Homo sapiens Xp22 BAC GS-607H18 (Genome Systems Human BAC library) complete sequence.//4.7e-09:160:65//AC003658
- R-MAMMA1000877//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains

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ESTs STS and CpG island.//3.2e-34:354:75//Z93023
R-MAMMA1000880//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-575C2, complete sequence.//1.4e-41:411:74//AC002425
R-MAMMA1000883
5 R-MAMMA1000897
R-MAMMA1000905//Homo sapiens chromosome 5, P1 clone 274A11 (LBNL H66), complete sequence.//1.3e-73:304:91//AC004506
R-MAMMA1000906//Human DNA from chromosome 19-specific cosmid F14150, genomic sequence, complete sequence.//8.4e-23:194:83//AC003110
10 R-MAMMA1000908//Human Chromosome 15q26.1 PAC clone pDJ416i6, complete sequence.//1.5e-09:170:71//AC003024
R-MAMMA1000914//Homo sapiens PAC clone DJ0740L10 from 7p13-p14, complete sequence.//8.3e-13:323:67//AC005247
R-MAMMA1000921//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//6.8e-28:333:72//AL034379
15 R-MAMMA1000931//HS_3227_B1_B03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3227 Col=5 Row=D, genomic survey sequence.//1.4e-55:443:79//AQ191777
R-MAMMA1000940//Homo sapiens clone RG013F03, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.0e-43:340:84//AC005046
20 R-MAMMA1000941//Homo sapiens chromosome 17, clone 297N7, complete sequence.//1.8e-53:330:84//AC002347
R-MAMMA1000942//Human Chromosome X clone bWXD187, complete sequence.//1.2e-39:391:74//AC004383
R-MAMMA1000943//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//4.6e-75:566:81//AC002477
25 R-MAMMA1000956//Plasmodium falciparum MAL3P7, complete sequence.//0.013:285:59//AL034559
R-MAMMA1000957//Homo sapiens clone RG339C12, WORKING DRAFT SEQUENCE, 10 unordered pieces.//5.2e-45:288:90//AC005096
R-MAMMA1000962//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.9e-108:561:96//AC006001
30 R-MAMMA1000968//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//3.9e-41:287:87//AC004263
R-MAMMA1000975//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//9.4e-65:542:79//Z95152
35 R-MAMMA1000979//Homo sapiens chromosome 21q22.3, PAC clones 314N7, 225L15, BAC clone 7B7, complete sequence bases 1..333303.//3.2e-34:296:80//AJ011930
R-MAMMA1000987//Homo sapiens CC chemokine gene cluster, complete sequence.//1.7e-40:255:87//AF088219
R-MAMMA1000998//Homo sapiens PAC clone DJ1152D16 from Xq23, complete sequence.//2.5e-39:315:73//AC005190
40 R-MAMMA1001003//Homo sapiens chromosome 10 clone CIT-HSP-1338F24 map 10p11.2-10p12.1, complete sequence.//2.4e-52:296:84//AC006101
R-MAMMA1001008//Homo sapiens *** SEQUENCING IN PROGRESS *** , WORKING DRAFT SEQUENCE.//7.9e-88:432:98//AJ011929
45 R-MAMMA1001021//Homo sapiens PAC clone DJ0859M06 from 7q11, complete sequence.//3.8e-39:286:87//AC004910
R-MAMMA1001024//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.0e-31:274:80//AC004913
R-MAMMA1001030//Homo sapiens full-length insert cDNA clone ZD96C01.//3.2e-99:469:99//AF088074
50 R-MAMMA1001035//RPCI-1-46G8Sp6 RPCI-1 Homo sapiens genomic clone RPCI-1-46G8Sp6, genomic survey sequence.//3.5e-49:270:90//AQ275285
R-MAMMA1001038//Homo sapiens chromosome 3, olfactory receptor pseudogene cluster 1, complete sequence, and myosin light chain kinase (MLCK) pseudogene, partial sequence.//1.1e-41:285:87//AF042089
R-nnnnnnnnnnnnn
55 R-MAMMA1001050//Homo sapiens genomic DNA, 237 kb segment from 6p21.3 region including HLA genes, WORKING DRAFT SEQUENCE.//1.3e-55:334:91//D84394
R-MAMMA1001059//Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete cds.//1.7e-51:481:77//L25125

- R-MAMMA1001067//CIT-HSP-2371K20.TF CIT-HSP Homo sapiens genomic clone 2371K20, genomic survey sequence.//7.2e-65:946:95//AQ111326
- R-MAMMA1001073
- 5 R-MAMMA1001074//Homo sapiens BAC clone NH0400O10 from Y, complete sequence.//8.6e-33:457:69//AC006040
- R-MAMMA1001075//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//0.15:325:62//AC004605
- R-MAMMA1001078//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence.//1.6e-45:344:84//AC005609
- 10 R-MAMMA1001082//Human genomic DNA sequence from clone 308O1 on chromosome Xp11.3-11.4. Contains EST, CA repeat, STS, GSS, CpG island.//8.5e-15:413:64//Z93403
- R-MAMMA1001091//Sequence 7 from patent US 5468610.//0.0027:159:64//I15499
- R-MAMMA1001092//Homo sapiens chromosome 17, clone hRPK.372_K_20, complete sequence.//2.0e-51:267:82//AC005951
- 15 R-MAMMA1001105//Homo sapiens DNA sequence from PAC 119E23 on chromosome Xq25-q27.1. Contains glypican-3 precursor (intestinal protein OCI-5) (GTR2-2),5'UTR. ESTs, STS.//6.9e-22:178:85//Z99570
- R-MAMMA1001110//Homo sapiens chromosome 17, clone HRPK1169K15, complete sequence.//3.0e-19:141:81//AC003963
- 20 R-MAMMA1001126//Human DNA from overlapping chromosome 7 PAC and P1 clones containing the XRCC2 gene, genomic sequence, complete sequence.//2.2e-46:462:75//AC003109
- R-MAMMA1001133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORKING DRAFT SEQUENCE.//1.8e-68:455:86//AL031847
- R-MAMMA1001139//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//7.1e-09:100:84//AL022345
- 25 R-MAMMA1001143//Papio hamadryas lipoprotein lipase (LPL) gene, intron 7.//1.9e-49:362:85//U73684
- R-MAMMA1001145//Homo sapiens chromosome 17, clone hRPK.235_L_10, complete sequence.//9.5e-49:512:74//AC005922
- R-MAMMA1001154//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-88D1 ~complete genomic sequence, complete sequence.//1.5e-29:305:76//AC002289
- 30 R-MAMMA1001161//Human DNA sequence from clone 681J21 on chromosome 1q23.2-24.3 Contains CpG island, complete sequence.//1.1e-64:339:90//AL031286
- R-MAMMA1001162//Human DNA from cosmid DNA MMDb (f10080) and MMDC (f13544) from chromosome 19q13.3 (obtained by automated sequence analysis).//3.4e-09:243:64//M89651
- R-MAMMA1001181//Human Chromosome X clone bWDXD173, WORKING DRAFT SEQUENCE, 2 ordered pieces.//3.7e-29:351:74//AC004387
- 35 R-MAMMA1001186//Homo sapiens chromosome 19, cosmid R28778, complete sequence.//2.2e-25:415:68//AC006125
- R-MAMMA1001191//Homo sapiens T-cell receptor alpha delta locus from bases 1000498 to 1071650 (section 5 of 5) of the Complete Nucleotide Sequence.//0.99:243:61//AE000662
- 40 R-MAMMA1001198//Mus musculus eps15R mRNA, complete cds.//8.0e-57:223:86//U29156
- R-MAMMA1001202//Mus musculus clone OST13722, genomic survey sequence.//1.0e-30:220:85//AF046748
- R-MAMMA1001203//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2 ordered pieces.//8.9e-61:567:78//AC005412
- 45 R-MAMMA1001206//Homo sapiens chromosome 5, P1 clone 854b11 (LBNL H44), complete sequence.//4.6e-08:442:61//AC004763
- R-MAMMA1001215//Homo sapiens chromosome 19, CIT-HSP BAC 470n8, complete sequence.//1.3e-117:564:97//AC005393
- R-MAMMA1001220//HS-1023-A1-G10-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 802 Col=19 Row=M, genomic survey sequence.//6.0e-16:276:68//B33708
- 50 R-MAMMA1001222//F17E12TFB IGF Arabidopsis thaliana genomic clone F17E12, genomic survey sequence.//0.041:277:61//B97762
- R-MAMMA1001243
- R-MAMMA1001244//HS-1058-A2-G01-MF.abi CIT Human Genomic Sperm Library C Homo-sapiens genomic clone Plate=CT 780 Col=2 Row=M, genomic survey sequence.//3.5e-05:104:74//B43862
- 55 R-MAMMA1001249//H.sapiens DNA for matrix attachment region.//0.0013:95:75//Z54221
- R-MAMMA1001256//Human BAC clone GS188P18, complete sequence.//3.4e-32:356:74//AC000115
- R-MAMMA1001259
- R-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds.//6.3e-20:226:75//AB014561

R-MAMMA1001268//Human DNA sequence from PAC 225D2 on chromosome Xq21. Contains ESTs, CA repeat.//1.1e-47:352:85//Z95124
R-MAMMA1001271
5 R-MAMMA1001274//H.sapiens DNA for trapped exon (ID HMC07C06), genomic survey sequence.//3.1e-40:232:93//X88457
R-MAMMA1001280//Homo sapiens full-length insert cDNA clone YW26C09.//1.9e-112:574:95//AF087976
R-MAMMA1001292//Human DNA sequence from clone 1170K4 on chromosome 22q12.2-13.1. Contains three novel genes, one of which codes for a Trypsin family protein with class A LDL receptor domains, and the IL2RB gene for Interleukin 2 Receptor, Beta (IL-2 Receptor, CD122 antigen). Contains a putative CpG island, ESTs, and
10 GSSs, complete sequence.//2.9e-114:582:96//AL022314
R-MAMMA1001296//Human DNA sequence from PAC 487J7 on chromosome 6q21-22.1. Contains an unknown gene coding for three alternative mRNAs. Contains ESTs, STSs, a BAC end-sequence (GSS) and a CA repeat polymorphism.//1.9e-64:268:88//AL008730
R-MAMMA1001298//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//1.5e-38:306:83//AC005703
15 R-MAMMA1001305//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat.//1.5e-37:306:82//Z83838
R-MAMMA1001322//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs,
20 complete sequence.//2.4e-15:260:71//AL022398
R-MAMMA1001324//Homo sapiens chromosome 19, cosmid F23269, complete sequence.//4.0e-06:90:83//AC005614
25 R-MAMMA1001330//Human BAC clone RG066D11 from 7q22, complete sequence.//1.4e-45:439:74//AC002430
R-MAMMA1001341//Human DNA sequence from PAC 211D12 on chromosome 20q12-13.2. Contains Krs-2, K+ channel protein, stress responsive.//1.3e-24:137:81//Z93016
R-MAMMA1001343//Human Chromosome 16 BAC clone CIT987SK-A-17E1, complete sequence.//5.4e-51:197:89//AC002041
30 R-MAMMA1001346//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-233A8, complete sequence.//0.99:182:64//AC004685
R-MAMMA1001383//Homo sapiens clone 82F9, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.9e-42:303:86//AC004815
35 R-MAMMA1001388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 508I15, WORKING DRAFT SEQUENCE.//1.5e-44:324:83//AL021707
R-MAMMA1001397//Homo sapiens genomic DNA, chromosome 21q11.1, segment 15/28, WORKING DRAFT SEQUENCE.//2.0e-39:254:89//AP000044
R-MAMMA1001408//Homo sapiens chromosome 12q24.1, WORKING DRAFT SEQUENCE, 33 unordered pieces.//9.4e-36:251:88//AC005805
40 R-MAMMA1001411//T15F1-T7.1 TAMU Arabidopsis thaliana genomic clone T15F1, genomic survey sequence.//1.0:98:71//AQ248928
R-MAMMA1001419//Homo sapiens translation initiation factor 4e mRNA, complete cds.//4.8e-18:117:96//AF038957
45 R-MAMMA1001420//Homo sapiens chromosome 5, P1 clone 1041F10 (LBNL H88), complete sequence.//2.8e-09:377:63//AC005179
R-MAMMA1001435//S.pombe chromosome I cosmid c26H5.//1.0:356:59//Z99126
R-MAMMA1001442//Homo sapiens chromosome 4 clone B150J4 map 4q25, complete sequence.//3.4e-17:259:72//AC004047
50 R-MAMMA1001446//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//2.9e-17:231:71//AC004491
R-MAMMA1001452//Human DNA sequence from clone 452M16 on chromosome Xq21.1-21.33 Contains capping protein alpha subunit isoform 1 pseudogene, STS, GSS, and CA repeat, complete sequence.//6.1e-50:558:73//AL024493
55 R-MAMMA1001465//cSRL-2F3-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-2F3, genomic survey sequence.//3.0e-23:141:96//B04295
R-MAMMA1001476//Mus musculus uridine kinase mRNA, partial cds.//3.4e-09:309:64//L31783
R-MAMMA1001487//Homo sapiens chromosome 17, clone hRPC.1108_L_11, complete sequence.//5.1e-30:286:79//AC005206

- R-MAMMA1001501
 R-MAMMA1001502//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 356B7, WORKING DRAFT SEQUENCE.//4.3e-19:349:64//AL031714
 R-MAMMA1001510
 5 R-MAMMA1001522//Homo sapiens chromosome 5, BAC clone 24h24 (LBNL H194), complete sequence.//1.5e-09:136:75//AC005352
 R-MAMMA1001547//Human Chromosome X, complete sequence.//3.5e-40:300:84//AC002418
 R-MAMMA1001551//Human DNA sequence from PAC 42616 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.1e-57:282:89//AL020997
 10 R-MAMMA1001575
 R-MAMMA1001576//Human gamma-tubulin mRNA, complete cds.//7.6e-60:530:78//M61764
 R-MAMMA1001590//Homo sapiens Bruton's tyrosine kinase (BTK), alpha-D-galactosidase A (GLA), L44-like ribosomal protein (L44L) and FTP3 (FTP3) genes, complete cds.//1.3e-29:161:86//U78027
 R-MAMMA1001600//Homo sapiens 12q24 PAC RPC11-66E7 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.1e-18:390:66//AC004216
 15 R-MAMMA1001604//Human DNA sequence from clone 1042K10 on chromosome 22q13.1-13.2. Contains the ADSL gene for Adenylosuccinate lyase (EC 4.3.2.2, Adenylosuccinase, ASL) and 4 novel genes (one with probable rabGAP domains and Src homology domain 3). Contains ESTs, STSs, GSSs and a putative CpG island, complete sequence.//1.0:227:62//AL022238
 20 R-MAMMA1001606//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.3e-17:219:69//AL031985
 R-MAMMA1001620//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING DRAFT SEQUENCE.//2.1e-51:298:84//AL031650
 R-MAMMA1001627//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING DRAFT SEQUENCE.//7.8e-45:328:85//Z86090
 25 R-MAMMA1001630//, complete sequence.//2.5e-08:170:72//AC005399
 R-MAMMA1001633//Homo sapiens chromosome 10 clone CIT987SK-1057L21 map 10q25, complete sequence.//2.2e-21:241:70//AC005386
 30 R-MAMMA1001635//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence.//1.1e-32:346:74//Z84466
 R-MAMMA1001649
 R-MAMMA1001663//Homo sapiens clone 162B15, complete sequence.//9.4e-68:267:89//AC004811
 R-MAMMA1001670//Human DNA sequence from PAC 75N13 on chromosome Xq21.1. Contains ZNF6 like gene, ESTs, STSs and CpG islands.//1.7e-49:322:88//Z82216
 35 R-MAMMA1001671//Homo sapiens chromosome 19, cosmid F23269, complete sequence.//2.4e-114:575:96//AC005614
 R-MAMMA1001679//CIT-HSP-2335N4.TF CIT-HSP Homo sapiens genomic clone 2335N4, genomic survey sequence.//2.4e-82:400:99//AQ037393
 R-MAMMA1001683//Homo sapiens Chromosome 7 BAC Clone 239c10, WORKING DRAFT SEQUENCE, 9 unordered pieces.//5.7e-47:533:72//AC004166
 40 R-MAMMA1001686//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//6.6e-12:194:72//AC005261
 R-MAMMA1001692//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//9.6e-44:414:77//AL022345
 45 R-MAMMA1001711//Homo sapiens clone BAC 9H13 chromosome 8 map 8q21, complete sequence.//3.1e-31:436:70//AF110324
 R-MAMMA1001715//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 73E16, WORKING DRAFT SEQUENCE.//8.8e-76:524:84//Z95330
 R-MAMMA1001730
 50 R-MAMMA1001735//Cricetulus griseus (chinese hamster) mRNA for beta tubulin (clone B9T), partial.//2.7e-13:382:63//X60786
 R-MAMMA1001740//Homo sapiens genomic DNA, chromosome 21q11.1, segment 21/28, WORKING DRAFT SEQUENCE.//3.9e-47:318:87//AP000050
 R-MAMMA1001743//Homo sapiens clone DJ0981O07, complete sequence.//4.0e-108:566:95//AC006017
 55 R-MAMMA1001744
 R-MAMMA1001745//Homo sapiens BAC clone 529F11 from 8q21, complete sequence.//3.5e-113:564:97//AF070718
 R-MAMMA1001751//Homo sapiens chromosome 19, cosmid R27328, complete sequence.//3.6e-30:312:75//

AC005625
R-MAMMA1001754//Bos taurus vacuolar proton pump subunit SFD alpha isoform (SFD) mRNA, complete cds.//
4.7e-34:320:77//AF041338
R-MAMMA1001757//Homo sapiens chromosome 17, clone hRPC.4_G_17, complete sequence.//4.7e-10:244:67//
5 AC003688
R-MAMMA1001760//RPCI11-38L16.TV RPCI-11 Homo sapiens genomic clone RPCI-11-38L16, genomic survey
sequence.//1.3e-10:236:64//AQ029432
R-MAMMA1001764//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
DRAFT SEQUENCE, 14 unordered pieces.//0.74:361:60//AC005140
10 R-MAMMA1001768//Homo sapiens chromosome 17, clone hRPK.147_L_13, complete sequence.//1.6e-42:416:
76//AC005332
R-MAMMA1001769//Homo sapiens chromosome 17, clone hRPC.1073_F_15, complete sequence.//1.4e-13:129:
83//AC004686
R-MAMMA1001771//M.musculus mRNA for semaphorin B.//1.1e-34:530:69//X85991
15 R-MAMMA1001783//Homo sapiens Chromosome 2 BAC Clone 376a1, WORKING DRAFT SEQUENCE, 17 un-
ordered pieces.//1.1e-42:282:85//AC000360
R-MAMMA1001785//Human chromosome 16p13.11 BAC clone CIT987SK-98H8 complete sequence.//3.0e-49:
282:86//U91319
R-MAMMA1001788
20 R-MAMMA1001790//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//
9.8e-43:530:71//AC004913
R-MAMMA1001806//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-319E8, complete sequence.//1.8e-
43:324:79//AC004020
R-MAMMA1001812//Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence.//0.65:
25 183:63//AE001432
R-MAMMA1001815//Homo sapiens clone GS223D04, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
1.1e-10:417:62//AC005018
R-MAMMA1001817//Homo sapiens Xp22-83 BAC GSHB-324M7 (Genome Systems Human BAC Library) com-
plete sequence.//2.6e-40:313:84//AC005859
30 R-MAMMA1001818
R-MAMMA1001820//Homo sapiens, WORKING DRAFT SEQUENCE, 52 unordered pieces.//2.2e-45:340:82//
AC004086
R-MAMMA1001824//Homo sapiens clone DJ1107K15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//
1.9e-53:291:85//AC004966
35 R-MAMMA1001836//HS_3164_B1_A02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3164 Col=3 Row=B, genomic survey sequence.//6.5e-08:79:89//AQ185484
R-MAMMA1001837//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and
R32804, complete sequence.//8.4e-55:309:85//AC003682
R-MAMMA1001848//Homo sapiens PAC clone DJ0296G17 from Xq23, complete sequence.//1.6e-16:125:90//
40 AC006144
R-MAMMA1001851//Genomic sequence from Human 9q34, WORKING DRAFT SEQUENCE, 2 unordered piec-
es.//2.4e-50:516:74//AC002099
R-MAMMA1001854//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-575C2, complete sequence.//1.7e-
38:308:82//AC002425
45 R-MAMMA1001858//Human Xq13 3' end of PAC 92E23 containing the X inactivation transcript (XIST) gene, com-
plete sequence.//6.5e-50:283:86//U80460
R-MAMMA1001864//Human Chromosome 15q26.1 PAC clone pDJ398g19, WORKING DRAFT SEQUENCE, 21
unordered pieces.//3.4e-36:224:86//AC005143
R-nnnnnnnnnnn//Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence.//1.4e-11:
50 495:63//AE001417
R-MAMMA1001874//Human chromosome 1 BAC 308G1 genomic sequence, WORKING DRAFT SEQUENCE, 3
unordered pieces.//3.2e-42:446:76//AC003117
R-MAMMA1001878//Human DNA sequence from PAC 431A14 on chromosome 6p21. Contains CYCLOPHILIN
(Peptidylprolyl isomerase) like and CIP1 (WAF1, CDKN1A, CDKN1, MDA-6, SDI1, PIC1, CAP20) genes.
55 Contains probable GTPase and receptor genes and ESTs, STSs and CpG islands.//6.9e-44:391:78//Z85996
R-MAMMA1001880//Human DNA sequence from fosmid F77D12 on chromosome 22q12-qter contains ESTs,
tRNA.//1.3e-15:181:76//Z82097
R-MAMMA1001890//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-670B5 ~complete genomic se-

quence, complete sequence.//1.7e-43:283:86//AC002303
 R-MAMMA1001907//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 385E7, WORKING
 DRAFT SEQUENCE.//1.4e-48:420:79//AL031720
 R-nnnnnnnnnnnnn//Saccharomyces cerevisiae chromosome IV cosmid 9481.//2.9e-14:505:60//U28373
 5 R-MAMMA1001931//Homo sapiens NACP/alpha-synuclein gene, allele A0, intron 4, partial sequence.//0.51:162:
 63//AF041008
 R-MAMMA1001956//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50O24, WORKING
 DRAFT SEQUENCE.//1.4e-51:422:79//AL034380
 R-MAMMA1001963//Homo sapiens clone HS19.3 Alu-Ya5 sequence.//1.9e-31:163:91//AF015149
 10 R-MAMMA1001969//Human DNA from chromosome 19 cosmid F19410, genomic sequence, complete se-
 quence.//8.7e-10:186:76//AC002128
 R-MAMMA1001970//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//1.0e-62:298:
 86//AC003071
 R-MAMMA1001992//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3
 15 unordered pieces.//1.8e-44:525:72//AC004581
 R-MAMMA1002009//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 109G6, WORKING
 DRAFT SEQUENCE.//1.4e-43:282:79//AL023879
 R-MAMMA1002011
 R-MAMMA1002032//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING
 DRAFT SEQUENCE.//1.1e-39:310:84//AL031284
 20 R-MAMMA1002033//Homo sapiens chromosome 5, Pac clone 162o17 (LBNL H147), complete sequence.//2.5e-
 17:170:81//AC003954
 R-MAMMA1002041//Homo sapiens PAC clone DJ0728D04, complete sequence.//8.7e-79:296:85//AC004865
 R-MAMMA1002042//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//8.8e-46:386:
 25 80//U91318
 R-MAMMA1002047//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//1.9e-32:326:
 75//U91318
 R-MAMMA1002056//Homo sapiens chromosome 17, clone hRPK.506_H_21, complete sequence.//6.6e-48:367:
 82//AC005962
 30 R-MAMMA1002058//Homo sapiens clone RG038K21, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 0.25:139:69//AC005052
 R-MAMMA1002068//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered
 pieces.//2.2e-45:406:78//AC004676
 R-MAMMA1002078//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//2.3e-22:357:
 35 64//AC005291
 R-MAMMA1002082//Homo sapiens PAC clone 278C19 from 12q, complete sequence.//2.5e-38:304:82//
 AC004263
 R-MAMMA1002084//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1174N9, WORKING
 DRAFT SEQUENCE.//8.9e-41:319:83//AL031602
 40 R-MAMMA1002093//CIT-HSP-2060J9.TF CIT-HSP Homo sapiens genomic clone 2060J9, genomic survey se-
 quence.//9.7e-17:129:88//B69983
 R-MAMMA1002108
 R-MAMMA1002118//Human DNA sequence from cosmid E116C6, on chromosome 22 Contains ESTs, complete
 sequence.//0.94:168:64//Z73495
 45 R-MAMMA1002125//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//4.8e-40:313:83//
 AC005670
 R-MAMMA1002132//Homo sapiens PAC clone DJ1059M17 from 7q21-q31.1, complete sequence.//2.0e-70:461:
 83//AC004953
 R-MAMMA1002140//Human DNA sequence from PAC 465G10 on chromosome X contains Menkes Disease
 50 (ATP7A) putative Cu⁺⁺-transporting P-type ATPase exons 2 to 21, PGAM-B, ESTs.//1.1e-32:477:73//Z94801
 R-MAMMA1002143//Homo sapiens platelet-activating factor acetylhydrolase gene, promoter region and exon 1.//
 6.6e-06:130:73//AF027357
 R-MAMMA1002145//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING
 DRAFT SEQUENCE.//6.0e-19:242:73//AL031447
 55 R-MAMMA1002153//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0281M17;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.1e-51:291:75//AC006052
 R-MAMMA1002155//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 608E8, WORKING
 DRAFT SEQUENCE.//1.2e-53:461:79//AL022343

EP 1 074 617 A2

R-MAMMA1002156//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter, complete sequence.//5.1e-37:305:82//AC004997

R-MAMMA1002158//Human DNA sequence from clone 1049G16 on chromosome 20q12-13.2 Contains gene similar to GLUCOSAMINE-6-SULFATASE, a nuclear receptor coactivator gene, ESTs, STSs, GSSs, complete sequence.//8.1e-34:296:81//AL034418

5 R-MAMMA1002170//Human DNA sequence from clone 1163J1 on chromosome 22q13.2-13.33. Contains the 3' part of a gene for the ortholog of mouse transmembrane receptor Celsr1, a novel gene for a protein similar to C. elegans B0035.16 and bacterial tRNA (5-Methylaminomethyl-2-thiouridylate)-Methyltransferases, and the 3' part of a novel gene for a protein similar to mouse B99. Contains ESTs, GSSs and putative CpG islands, complete sequence.//7.9e-39:332:82//AL031588

10 R-MAMMA1002174//Homo sapiens chromosome 10 clone CIT987SK-1109P11, complete sequence.//4.4e-12:189:72//AC005871

R-MAMMA1002198//Homo sapiens clone DJ0800G07, complete sequence.//1.1e-48:338:81//AC004890

R-MAMMA1002209//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//1.2e-23:269:74//AC005821

15 R-MAMMA1002215//Homo sapiens clone GS250N06, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.2e-12:243:68//AC005158

R-MAMMA1002219//Homo sapiens 12p13.3 RPCI4-773N5 (Roswell Park Cancer Institute Human PAC library) complete sequence.//3.3e-45:295:88//AC004802

20 R-MAMMA1002230//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//7.3e-41:385:78//AL034379

R-MAMMA1002236//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds.//7.3e-45:363:79//U38253

25 R-MAMMA1002243//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//2.8e-119:582:98//AC005666

R-MAMMA1002250//Homo sapiens chromosome 16, P1 clone 109-9G (LANL), complete sequence.//4.7e-42:319:84//AC005600

R-MAMMA1002267//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//1.5e-33:571:67//AC006120

30 R-MAMMA1002268//Mus musculus sphingosine kinase (SPHK1b) mRNA, complete cds.//2.3e-35:462:70//AF068749

R-MAMMA1002269//345117.TV CIT978SKA1 Homo sapiens genomic clone A-345117, genomic survey sequence.//4.7e-05:153:69//B15590

R-MAMMA1002282//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 112K5, WORKING DRAFT SEQUENCE.//8.5e-37:467:71//Z85987

35 R-MAMMA1002292//Hordeum vulgare lipoxxygenase 2 (LoxC) mRNA, complete cds.//0.074:178:61//L37358

R-MAMMA1002293//Homo sapiens chromosome 16, cosmid clone RT167 (LANL), complete sequence.//5.8e-26:355:71//AC005568

R-MAMMA1002294//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//1.2e-35:281:82//AC004231

40 R-MAMMA1002297//Human DNA sequence from cosmid L174G8, Huntington's Disease Region, chromosome 4p16.3.//6.7e-48:381:80//Z69375

R-MAMMA1002298//Homo sapiens BAC clone RG208H19 from 7q11.23, complete sequence.//.8e-17:296:70//AC005074

45 R-MAMMA1002299//HS_3116_A2_F07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3116 Col=14 Row=K, genomic survey sequence.//4.1e-60:354:91//AQ140526

R-MAMMA1002308

R-MAMMA1002310//Human DNA sequence from cosmid B10B1 on chromosome 22 Contains ESTs, CA repeat and STS, complete sequence.//9.9e-35:283:83//Z73979

50 R-MAMMA1002311//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) complete sequence.//1.3e-86:503:90//AC006210

R-MAMMA1002312//H.sapiens gene encoding La autoantigen.//1.3e-23:382:67//X97869

R-MAMMA1002317//Human DNA sequence from clone 48G12 on chromosome Xq27.1-27.3. Contains STSs and GSSs, complete sequence.//1.3e-59:323:87//AL031054

55 R-MAMMA1002319//Homo sapiens chromosome 19, fosmid 39347, complete sequence.//2.2e-106:522:98//AC005756

R-MAMMA1002322//Homo sapiens genomic DNA, chromosome 21q11.1, segment 13/28, WORKING DRAFT SEQUENCE.//2.3e-48:452:76//AP000042

R-MAMMA1002329//M.musculus mRNA for semaphorin B.//2.0e-12:210:73//X85991
 R-MAMMA1002332//Homo sapiens PAC clone DJ1139I01 from Xq23, complete sequence.//3.4e-46:393:71//AC004973
 5 R-MAMMA1002333//HS_3245_A1_B04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3245 Col=7 Row=C, genomic survey sequence.//3.1e-21:146:92//AQ205759
 R-MAMMA1002339//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//9.7e-39:310:79//AF001549
 R-MAMMA1002347//Homo sapiens 12q24.1 PAC RPCI3-305I20 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.2e-46:443:76//AC006088
 10 R-MAMMA1002351//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1059H15, WORKING DRAFT SEQUENCE.//1.1e-90:553:89//AL022100
 R-MAMMA1002352//Homo sapiens mRNA for leukemia associated gene 2.//8.8e-81:388:92//Y15228
 R-MAMMA1002353//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer Institute Human BAC library) complete sequence.//5.5e-35:302:80//AC002996
 15 R-MAMMA1002355//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 222E13, WORKING DRAFT SEQUENCE.//5.4e-52:361:76//Z93241
 R-MAMMA1002356//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//8.3e-28:187:91//AC004662
 R-MAMMA1002359//Human DNA sequence from cosmid L118D5, Huntington's Disease Region, chromosome 4p16.3 contains CpG islands.//6.3e-47:297:85//Z68869
 20 R-MAMMA1002360//HS_2163_B2_C08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2163 Col=16 Row=F, genomic survey sequence.//1.5e-20:374:66//AQ125213
 R-MAMMA1002361//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING DRAFT SEQUENCE.//2.2e-35:264:85//AL033520
 25 R-MAMMA1002362//H.sapiens PEX gene.//1.8e-40:243:86//Y10196
 R-MAMMA1002380//RPCI11-73J4.TJ RPCI11 Homo sapiens genomic clone R-73J4, genomic survey sequence.//1.7e-38:295:77//AQ268168
 R-MAMMA1002384//Homo sapiens 12q13.1 PAC RPCI1-228P16 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.5e-37:311:81//AC004801
 30 R-MAMMA1002385
 R-MAMMA1002392//Human BAC clone RG066D11 from 7q22, complete sequence.//2.0e-37:365:77//AC002430
 R-MAMMA1002411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 64K7, WORKING DRAFT SEQUENCE.//9.4e-22:496:65//AL031668
 R-MAMMA1002413//Homo sapient 12q24.2 PAC RPCI1-157K6 (Roswell Park Cancer Institute Human PAC library) complete sequence.//2.3e-15:153:77//AC005146
 35 R-MAMMA1002417//Human DNA sequence from PAC 426I6 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.8e-23:508:62//AL020997
 R-MAMMA1002427//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//2.5e-37:288:84//U91321
 40 R-MAMMA1002428//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//6.0e-05:130:75//AL034423
 R-MAMMA1002434//Homo sapiens DNA sequence from PAC 380E11 on chromosome 6p22.3-p24. Contains HB15 gene, ESTs, CA repeat, STS and GSS.//4.8e-18:205:78//AL022396
 R-MAMMA1002446//CIT-HSP-2021L14.TR CIT-HSP Homo sapiens genomic clone 2021L14, genomic survey sequence.//4.6e-41:387:72//B65379
 45 R-MAMMA1002454//Homo sapiens chromosome 19, cosmid F23259, complete sequence.//1.2e-67:491:82//AC005512
 R-MAMMA1002461//Homo sapiens PAC clone 166H1 from 12q, complete sequence.//1.4e-28:188:85//AC003982
 R-MAMMA1002470//Saccharomyces cerevisiae chromosome VIII cosmid 9205.//6.3e-09:280:61//U10556
 50 R-MAMMA1002475//Human DNA sequence from PAC 306D1 on chromosome X contains ESTs.//1.5e-25:310:74//Z83822
 R-MAMMA1002480//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.2e-98:533:93//AC005077
 R-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds.//2.7e-114:560:97//AF055460
 55 R-MAMMA1002494//Human DNA sequence from cosmid L174G8, Huntington's Disease Region, chromosome 4p16.3.//2.1e-46:329:84//Z69375
 R-MAMMA1002498//Rat mRNA.//0.0068:223:64//M59859
 R-MAMMA1002524//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING

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DRAFT SEQUENCE, 5 unordered pieces.//0.012:460:60//AC005139
R-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.//
1.2e-101:529:95//AF065214
5 R-MAMMA1002545//Homo sapiens ribosomal protein s4 Y isoform gene, complete cds.//6.6e-50:471:77//
AF041427
R-MAMMA1002554//Homo sapiens chromosome 4 clone B227H22 map 4q25, complete sequence.//5.7e-38:279:
84//AC004056
R-MAMMA1002556//Homo sapiens chromosome 10 clone CIT-HSP-1255F20 map 10p11.2-10p12.1, complete
sequence.//9.6e-13:237:67//AC005878
10 R-MAMMA1002566//CITBI-E1-2509P21.TR CITBI-E1 Homo sapiens genomic clone 2509P21, genomic survey
sequence.//9.7e-14:216:73//AQ261427
R-MAMMA1002571//CITBI-E1-2516L21.TF CITBI-E1 Homo sapiens genomic clone 2516L21, genomic survey
sequence.//4.6e-25:142:99//AQ279542
15 R-MAMMA1002573//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 811H13, WORKING
DRAFT SEQUENCE.//1.1e-30:250:82//AL023805
R-MAMMA1002585//Rabbit angiotensin-converting enzyme (ACE) gene, 5' end.//1.0:196:61//M58580
R-MAMMA1002590//H.sapiens CpG island DNA genomic Mse1 fragment, clone 8d5, forward read cpg8d5.f1g.//
1.0:114:64//Z63758
20 R-MAMMA1002597//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1103G7, WORKING
DRAFT SEQUENCE.//9.0e-96:459:98//AL034548
R-MAMMA1002598//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 120G22, WORK-
ING DRAFTSEQUENCE.//0.79:362:58//AL031847
R-MAMMA1002603//Homo sapiens chromosome 17, clone hRPK.214_C_8, complete sequence.//1.3e-46:333:
80//AC005803
25 R-MAMMA1002612//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 269M15, WORK-
ING DRAFT SEQUENCE.//7.4e-41:283:86//AL021395
R-MAMMA1002617//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 591N18, WORKING
DRAFT SEQUENCE.//1.7e-20:308:71//AL031594
R-MAMMA1002618//Homo sapiens clone RG122E10, complete sequence.//1.2e-31:230:76//AC005067
30 R-MAMMA1002619//Homo sapiens chromosome 21 PAC RPCIP704E14135Q2.//9.0e-113:551:98//AJ010598
R-MAMMA1002622//Homo sapiens chromosome 4 clone B207D4 map 4q25, complete sequence.//2.8e-43:324:
83//AC004050
R-MAMMA1002623//Homo sapiens chromosome 17, clone hRPC.1171_I_10, complete sequence.//2.7e-80:344:
84//AC004687
35 R-MAMMA1002625//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1056L3, WORKING
DRAFT SEQUENCE.//2.6e-34:391:72//AL031727
R-MAMMA1002629//Human DNA from overlapping chromosome 19-specific cosmids R32543,, and F15613 con-
taining ZNF gene family member, genomic sequence, complete sequence.//5.5e-58:346:81//AC003006
R-MAMMA1002636//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//
40 1.1e-52:285:92//AC004895
R-MAMMA1002637//Mus musculus kinesin light chain 2 (Klc2) mRNA, complete cds.//2.1e-13:359:64//AF055666
R-MAMMA1002646//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 39417, WORKING
DRAFT SEQUENCE.//2.5e-24:285:68//AL023585
45 R-MAMMA1002650//Human IGF-II gene exon 2 for insulin-like growth factor II located on chromosome 11.//0.64:
237:61//X03424
R-MAMMA1002655//Homo sapiens mini satellite ceb1 repeat region.//0.18:152:65//AF048727
R-MAMMA1002662//Homo sapiens clone DJ0739M23, complete sequence.//2.5e-46:370:82//AC004870
R-MAMMA1002665//Human DNA sequence from PAC 435C23 on chromosome X. Contains ESTs.//7.4e-55:298:
92//Z92844
50 R-MAMMA1002671//RPC11-45M10.TK RPC11 Homo sapiens genomic clone R-45M10, genomic survey se-
quence.//0.99:151:66//AQ194411
R-MAMMA1002673//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the
OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete
sequence.//3.1e-38:410:76//AL022162
55 R-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds.//1.4e-107:544:96//D86987
R-MAMMA1002685//HS_2052_A1_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2052 Col=3 Row=O, genomic survey sequence.//1.2e-23:255:75//AQ231087
R-MAMMA1002698//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library)

complete sequence.//1.1e-38:299:83//AC004673
R-MAMMA1002699//Mus musculus intersectin-EH binding protein lbp1 mRNA, partial cds.//3.3e-05:61:93//
AF057285
R-MAMMA1002701//Homo sapiens gene for AF-6, complete cds.//3.5e-39:317:81//AB011399
5 R-MAMMA1002708//Homo sapiens 12p13.3 PAC RPCI5-977L1 (Roswell Park Cancer Institute Human PAC li-
brary) complete sequence.//0.26:365:62//AC005293
R-MAMMA1002711//Homo sapiens chromosome 21 PAC LLNLP704F18108Q13.//2.5e-31:304:77//AJ006995
R-MAMMA1002721//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING
DRAFT SEQUENCE.//2.3e-40:279:87//Z83826
10 R-MAMMA1002727//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
DRAFT SEQUENCE, 2 unordered pieces.//0.45:183:64//AC004710
R-MAMMA1002728//Human Chromosome 11 Overlapping Cosmids cSRL72g7 and cSRL140b8, complete se-
quence.//1.1e-42:410:74//AC002037
R-MAMMA1002744//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//1.6e-19:473:63//
15 U96629
R-MAMMA1002746//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence.//2.2e-108:544:
97//AC005856
R-MAMMA1002748//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human
PAC Library) complete sequence.//5.9e-106:551:95//AC006055
20 R-MAMMA1002754//Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces.//
1.7e-34:305:79//AC005020
R-MAMMA1002758//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds,
and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//0.00014:130:74//U95626
R-MAMMA1002764//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//8.7e-10:118:81//
25 AC005781
R-MAMMA1002765//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//1.2e-31:290:78//
AC006128
R-MAMMA1002769//Human DNA sequence from PAC 36J3, between markers DXS1192 and DXS102 on chro-
mosome X.//0.94:260:62//Z82975
30 R-MAMMA1002780//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING
DRAFT SEQUENCE.//2.6e-21:529:62//AL031667
R-MAMMA1002782//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 199H16, WORKING
DRAFT SEQUENCE.//2.8e-30:234:72//AL022320
R-MAMMA1002796//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 237J2, WORKING
35 DRAFT SEQUENCE.//1.0:155:66//AL021394
R-MAMMA1002807//Human DNA sequence from BAC 941F9 on chromosome 22q11.2-qter. Contains ESTs, STSs
and 3' part of FIBULIN-1 D PRECURSOR like gene, part of a Brain Protein E46 like gene and a CpG island,
complete sequence.//5.0e-42:443:75//Z95331
R-MAMMA1002820//345M16.TVB CIT978SKA1 Homo sapiens genomic clone A-345M16, genomic survey se-
40 quence.//1.3e-14:95:87//B17487
R-MAMMA1002830//Human PAC clone DJ515N1 from 22q11.2-q22, complete sequence.//4.1 e-20:223:74//
AC002073
R-MAMMA1002833//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer Institute Human PAC
Library) containing Arylsulfatase D and E genes, complete sequence.//1.8e-37:295:84//AC005295
45 R-MAMMA1002835
R-MAMMA1002838//Human gene hY3 encoding a cytoplasmic Ro RNA.//4.4e-14:108:92//V00585
R-MAMMA1002842//CIT-HSP-2017022.TRB CIT-HSP Homo sapiens genomic clone 2017022, genomic survey
sequence.//5.2e-43:168:85//B67141
R-MAMMA1002843//Homo sapiens clone GS051M12, complete sequence.//8.7e-44:525:71//AC005007
50 R-MAMMA1002844
R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end.//2.8e-99:361:91//X79067
R-MAMMA1002868//Homo sapiens clone DJ0852024, WORKING DRAFT SEQUENCE, 2 unordered pieces.//
9.6e-39:288:81//AC004906
R-MAMMA1002871//Homo sapiens BAC clone NH0539B24 from 7p15.1-p14, complete sequence.//0.0022:490:
55 57//AC006044
R-MAMMA1002880//Homo sapiens Xp22 Bins 35-37 BAC GSHB-214D18 (Genome Systems Human BAC Library)
complete sequence.//1.3e-09:143:76//AC005296
R-MAMMA1002881//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial

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cds for thymopoietin beta.//5.1e-41:264:87//U18271
R-MAMMA1002886//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//4.7e-32:216:90//AL022069
R-MAMMA1002887
5 R-MAMMA1002890
3.4e-49:376:81//AG006257
R-MAMMA1002892//Homo sapiens PAC clone DJ0765G07 from 7q11, complete sequence.//6.0e-60:344:79//AC004881
R-MAMMA1002895//RPCI11-90K13.TV RPCI11 Homo sapiens genomic clone R-90K13, genomic survey sequence.//2.1e-34:300:77//AQ283502
10 R-MAMMA1002908//Human Chromosome X, complete sequence.//4.2e-39:297:85//AC004070
R-MAMMA1002909//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0442P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.4e-23:344:74//AC005798
R-MAMMA1002930//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//5.2e-39:261:88//AC006019
15 R-MAMMA1002938//C.pasteurianum gap gene.//1.0:343:59//X72219
R-MAMMA1002941//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//6.3e-88:556:87//AC006120
R-MAMMA1002947
20 0.48:156:69//AC005469
R-MAMMA1002964//Human DNA sequence from PAC 42616 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat.//1.2e-39:473:73//AL020997
R-MAMMA1002970//Homo sapiens chromosome 5, P1 clone 793c5 (LBNL H57), complete sequence.//4.7e-47:420:77//AC005200
25 R-MAMMA1002972//alpha 1 syntrophin [human, mRNA Partial, 1771 nt] .//0.97:305:62//S81737
R-MAMMA1002973//Human DNA sequence from cosmid V210E9, between markers DXS366 and DXS87 on chromosome X.//2.6e-35:256:85//Z70280
R-MAMMA1002982 1.0e-27:110:85//AG005524
R-MAMMA1002987//Homo sapiens PAC clone DJ1086D14, complete sequence.//1.4e-28:527:66//AC004460
30 R-MAMMA1003003//Homo sapiens chromosome 10 clone CRI-JC2059 map 10q24.1-10q24.2, WORKING DRAFT SEQUENCE, 1 ordered pieces.//7.9e-48:418:78//AC006109
R-MAMMA1003004//, complete sequence.//2.0e-12:442:61//AC005406
R-MAMMA1003007//Homo sapiens chromosome 10 clone CRI-JC2059 map 10q24.1-10q24.2, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.7e-48:293:91//AC006109
35 R-MAMMA1003011//A-306G8.TP CIT978SK Homo sapiens genomic clone A-306G8, genomic survey sequence.//0.45:168:64//B18092
R-MAMMA1003015//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//2.9e-44:399:77//AC005740
R-MAMMA1003019//RPCI11-9J9.TV RPCI-11 Homo sapiens genomic clone RPCI-11-9J9, genomic survey sequence.//2.7e-14:294:68//B71583
40 R-MAMMA1003026//HS_2166_B2_C12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2166 Col=24 Row=F, genomic survey sequence.//0.021:189:64//AQ125639
R-MAMMA1003031//Homo sapiens chromosome 5, BAC clone 319C17 (LBNL H159), complete sequence.//1.8e-98:525:95//AC005214
45 R-MAMMA1003035//Homo sapiens 12q13.1 Cosmid C174F5 (Lawrence Livermore LL12NC01 or LL12NC02 human cosmid libraries) complete sequence.//6.7e-06:297:63//AC004550
R-MAMMA1003039//RPCI11-56J17.TJ RPCI11 Homo sapiens genomic clone R-56J17, genomic survey sequence.//0.21:375:59//AQ081889
R-MAMMA1003040//Human DNA sequence from cosmid L108f12, Huntington's Disease Region, chromosome 4p16.3.//2.7e-29:298:67//Z49235
50 R-MAMMA1003044//Homo sapiens chromosome 19, cosmid R30676, complete sequence.//2.9e-14:113:91//AC004560
R-MAMMA1003047
R-MAMMA1003049
55 R-MAMMA1003055//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 377F16, WORKING DRAFT SEQUENCE.//2.3e-45:317:86//Z93783
R-MAMMA1003056//Homo sapiens chromosome 19, cosmid R34275, complete sequence.//1.0:229:63//AC005305

R-MAMMA1003057//M.domesticus MD6 mRNA.//6.2e-42:326:82//X54352
 R-MAMMA1003066//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING
 DRAFT SEQUENCE.//3.1e-49:299:87//Z83826
 R-MAMMA1003089//Homo sapiens BAC clone RG298G08 from 7p15-p21, complete sequence.//2.7e-30:520:67//
 5 AC005084
 R-MAMMA1003099//RPCI11-8N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-8N9, genomic survey se-
 quence.//4.2e-44:338:82//B71494
 R-MAMMA1003104//Mus musculus rostral cerebellar malformation protein (rcm) mRNA, complete cds.//3.4e-48:
 423:79//U72634
 10 R-MAMMA1003113//Homo sapiens chromosome 12p13.3 clone RPCI11-433J6, WORKING DRAFT SEQUENCE,
 100 unordered pieces.//4.8e-114:567:97//AC006087
 R-MAMMA1003127//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING
 DRAFT SEQUENCE.//1.4e-34:283:83//Z99716
 R-MAMMA1003135//P.knowlesi Mbn-cutting sites in lambda KBS50.//0.010:243:62//M38776
 15 R-MAMMA1003140//Homo sapiens chromosome 17, clone HCIT87G17, complete sequence.//6.7e-34:288:81//
 AC003663
 R-MAMMA1003146//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, com-
 plete cds.//4.8e-08:438:59//M97514
 R-nnnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 598F2, WORKING
 20 DRAFT SEQUENCE.//1.7e-63:149:94//AL021579
 R-MAMMA1003166//HS_3128_A1_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3128 Col=1 Row=C, genomic survey sequence.//3.0e-17:261:70//AQ140766
 R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence.//2.6e-111:593:94//AF070640
 R-NT2RM4000024
 25 R-NT2RM4000027//Homo sapiens PAC clone DJ1194E14 from 7p21, complete sequence.//0.026:476:56//
 AC004993
 R-NT2RM4000030//Mus musculus musculus sex determining protein (Sry) gene, complete cds.//0.00044:378:59//
 U70653
 R-NT2RM4000046//M.mulatta MHC DR beta 6 gene encoding major histocompatibility complex.//0.27:130:64//
 30 Z26239
 R-NT2RM4000061
 R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds.//7.2e-112:550:97//AF070639
 R-NT2RM4000086//RPCI11-6J23.TV RPCI-11 Homo sapiens genomic clone RPCI-11-6J23, genomic survey se-
 quence.//7.2e-18:277:71//B49463
 35 R-NT2RM4000104//F.rubripes GSS sequence, clone 063K10aG5, genomic survey sequence.//3.6e-08:287:61//
 Z88817
 R-NT2RM4000139//Homo sapiens chromosome 16, cosmid clone 330D11 (LANL), complete sequence.//9.4e-08:
 336:65//AC005199
 R-NT2RM4000155
 40 R-NT2RM4000156//Homo sapiens chromosome 17, clone hRPK.136_H_19, complete sequence.//3.4e-23:335:
 72//AC005856
 R-nnnnnnnnnnnn//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//1.6e-87:551:87//
 D12646
 R-NT2RM4000169//Human ribosomal protein L37a mRNA sequence.//5.9e-14:122:88//L22154
 45 R-NT2RM4000191
 R-NT2RM4000197//HS_3241_A2_H05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3241 Col=10 Row=O, genomic survey sequence.//2.8e-86:430:97//AQ206812
 R-NT2RM4000199//Mus musculus Yp BAC GSMB-368G7 (Genome Systems Mouse BAC Library) complete se-
 quence.//0.0047:193:63//AC006056
 50 R-NT2RM4000200
 R-NT2RM4000202//Homo sapiens chromosome 16, cosmid clone 378E2 (LANL), complete sequence.//2.1e-40:
 334:76//AC004035
 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds.//5.2e-102:546:94//AB018255
 R-NT2RM4000215
 55 R-nnnnnnnnnnnn//Homo sapiens chromosome 10 clone CIT987SK-1144G6 map 10q25.1, complete sequence.//
 2.1e-55:303:86//AC005383
 R-NT2RM4000233//Struthio camelus microsatellite sequence OSM 7.//1.2e-07:198:67//AF003735
 R-NT2RM4000244//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//1.7e-

49:322:88//AC006116
R-NT2RM4000251//Homo sapiens Chromosome 22q11.2 BAC Clone 72f8 In DGCR Region, complete sequence.//
0.97:184:66//AC000085
R-NT2RM4000265//Human PAC clone DJ073F11 from Xq23, complete sequence.//6.2e-66:552:78//AC000055
5 R-NT2RM4000290//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 394I7, WORKING
DRAFT SEQUENCE.//1.4e-05:229:65//AL023585
R-NT2RM4000324
R-NT2RM4000327//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 75N14, WORKING
DRAFT SEQUENCE.//3.3e-42:443:75//Z97199
10 R-NT2RM4000344//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//
6.4e-64:433:84//AC004826
R-NT2RM4000349//Human mRNA for KIAA0005 gene, complete cds.//7.7e-11:210:69//D13630
R-NT2RM4000354//Caenorhabditis elegans cosmid T14A8.//0.084:257:60//U50066
R-NT2RM4000356
15 R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds.//8.7e-112:577:95//AB014542
R-NT2RM4000368
1.6e-48:348:85//AG006257
R-NT2RM4000386//Rat mRNA for growth potentiating factor, complete cds.//4.4e-35:141:87//D42148
R-NT2RM4000395//RPCI11-8N9.TP RPCI-11 Homo sapiens genomic clone RPCI-11-8N9, genomic survey se-
20 quence.//1.4e-25:207:75//871494
R-NT2RM4000414//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING
DRAFT SEQUENCE.//7.1e-17:492:64//AL031985
R-NT2RM4000421//RPCI11-66B1.TK RPCI11 Homo sapiens genomic clone R-66B1, genomic survey sequence.//
1.8e-40:311:82//AQ241167
25 R-NT2RM4000425//Homo sapiens chromosome Xp22-135-136 clone GSHB-56711, WORKING DRAFT SE-
QUENCE, 35 unordered pieces.//2.5e-47:316:87//AC005867
R-NT2RM4000433//Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete cds.//1.6e-17:133:
78//AF062476
R-NT2RM4000457
30 R-NT2RM4000471//Homo sapiens mRNA for putative tRNA splicing protein, partial.//4.6e-113:559:96//AJ010952
R-NT2RM4000486//Homo sapiens mRNA, complete cds, clone:RES4-22C.//0.00015:170:67//AB000461
R-NT2RM4000496
R-NT2RM4000511//Rat troponin T cardiac isoform gene, complete cds.//0.21:290:58//M80829
R-NT2RM4000514//CIT-HSP-2169K4.TR CIT-HSP Homo sapiens genomic clone 2169K4, genomic survey se-
35 quence.//1.5e-20:150:89//B95717
R-nnnnnnnnnnnnn//HS-1024-B2-G01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
Plate=CT 803 Col=2 Row=N, genomic survey sequence.//6.3e-10:74:98//B34556
R-NT2RM4000520//Caenorhabditis elegans cosmid F36H12.//0.15:406:61//AF078790
R-NT2RM4000531
40 R-NT2RM4000532//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence.//1.0:119:
66//AE001391
R-NT2RM4000534//paramecium species 4.51er mt dna dimer: replication init. region, clone 2.//9.8e-05:326:60//
K00909
R-NT2RM4000585//HS_3252_A2_G08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
45 nomic clone Plate=3252 Col=16 Row=M, genomic survey sequence.//1.9e-69:376:93//AQ219890
R-NT2RM4000590//CIT-HSP-539O24.TV CIT-HSP Homo sapiens genomic clone 539O24, genomic survey se-
quence.//1.7e-38:226:93//B50657
R-NT2RM4000595//Human Chromosome X clone bWDX342, complete sequence.//1.0:239:61//AC004072
R-NT2RM4000603//RPCI11-49P13.TK RPCI11 Homo sapiens genomic clone R-49P13, genomic survey se-
50 quence.//0.77:139:64//AQ051950
R-nnnnnnnnnnnnn
R-NT2RM4000616//HS_3107_A2_B03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3107 Col=6 Row=C, genomic survey sequence.//1.3e-54:272:99//AQ210034
R-NT2RM4000674
55 R-NT2RM4000689//Mus musculus pericentrin mRNA, complete cds.//3.5e-70:551:80//U05823
R-NT2RM4000698
R-nnnnnnnnnnnnn
R-NT2RM4000712//Homo sapiens clone NH0512E16, complete sequence.//0.54:294:58//AC005039

- R-NT2RM4000717//Plasmodium falciparum MAL3P8, complete sequence.//0.050:387:58//AL034560
 R-NT2RM4000733//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING
 DRAFT SEQUENCE.//1.0e-107:566:95//AL034379
 R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds.//1.1e-103:536:95//AB018303
 5 R-NT2RM4000741//CIT-HSP-2294N4.TR CIT-HSP Homo sapiens genomic clone 2294N4, genomic survey se-
 quence.//5.2e-41:244:93//AQ006361
 R-NT2RM4000751//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 537K23, WORKING
 DRAFT SEQUENCE.//2.7e-28:416:67//AL034405
 R-NT2RM4000764//Human HepG2 3' region Mbol cDNA, clone hmd3g01m3.//2.1e-33:199:96//D17217
 10 R-NT2RM4000778//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//
 0.00060:241:62//AC002980
 R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds.//2.9e-104:546:94//AB007920
 R-NT2RM4000787//Homo sapiens, clone hRPK.3_A_1, complete sequence.//5.3e-32:321:77//AC006198
 R-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216, complete sequence.//1.9e-111:552:97//
 15 AC005306
 R-NT2RM4000795//Homo sapiens Chromosome 17p13 Cosmid Clone cos39, complete sequence.//0.74:364:57//
 U58675
 R-NT2RM4000796//Homo sapiens full-length insert cDNA clone ZD62D10.//2.7e-105:510:98//AF086348
 R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3' end.//7.7e-27:158:96//M21868
 20 R-NT2RM4000813
 R-NT2RM4000820//, complete sequence.//2.0e-104:432:97//AC005406
 R-NT2RM4000833//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MXI22, complete sequence.//
 2.0e-07:166:68//AB012248
 R-NT2RM4000848//Rabies virus matrix (M) protein mRNA, complete cds.//0.073:70:84//M22013
 25 R-NT2RM4000852//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces.//1.0:237:62//AC004709
 R-NT2RM4000855
 R-nnnnnnnnnnnn//HS_3189_B2_B08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genom-
 ic clone Plate=3189 Col=16 Row=D, genomic survey sequence.//2.1e-06:114:73//AQ300597
 30 R-NT2RM4000895//Pan troglodytes HS19.8-similar locus and Y Alu element, genomic survey sequence.//3.8e-
 46:207:91//AF077058
 R-NT2RM4000950//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//1.0:336:60//AC002530
 R-NT2RM4000971//Human Xq28 cosmids U126G1, U142F2, U69B6, U145C10, U169A5, U84H1, U24D12,
 U80A7, U153E6, L35485, and R7-163A8 containing iduronate 2-sulfatase gene and pseudogene, complete se-
 35 quence.//7.1e-09:259:64//AF011889
 R-NT2RM4000979
 R-NT2RM4000996//HS_3164_A1_E02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3164 Col=3 Row=I, genomic survey sequence.//2.0e-82:443:94//AQ141622
 R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds.//1.2e-112:545:97//AB018272
 40 R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds.//7.9e-113:556:97//AB014539
 R-NT2RM4001032//Homo sapiens Surf-5 and Surf-6 genes.//1.2e-10:120:82//AJ224639
 R-NT2RM4001047//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 163G9, WORKING
 DRAFT SEQUENCE.//1.0:158:67//AL008733
 R-NT2RM4001054//CIT-HSP-2292N8.TR CIT-HSP Homo sapiens genomic clone 2292N8, genomic survey se-
 45 quence.//5.8e-19:118:97//AQ004096
 R-nnnnnnnnnnnn//Mouse DNA with homology to EBV IR3 repeat, segment 1, clone Mu2.//1.0e-05:271:64//
 M10296
 R-NT2RM4001092//CITBI-E1-2524J20.TR CITBI-E1 Homo sapiens genomic clone 2524J20, genomic survey se-
 quence.//1.0:186:63//AQ277294
 50 R-NT2RM4001116
 R-NT2RM4001140//Homo sapiens PAC clone DJ0964C11 from 7p14-p15, complete sequence.//3.6e-79:468:90//
 AC004593
 R-NT2RM4001151//HS_2270_B1_E05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2270 Col=9 Row=J, genomic survey sequence.//5.5e-62:312:98//AQ163739
 55 R-NT2RM4001155//Homo sapiens chromosome 12p13.3 clone RPCI4-816N1, WORKING DRAFT SEQUENCE,
 31 unordered pieces.//1.4e-107:536:97//AC005841
 R-NT2RM4001160//HS_3015_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3015 Col=19 Row=P, genomic survey sequence.//7.1e-35:201:95//AQ118712

R-NT2RM4001187//X.laevis xUBFbeta2 mRNA for upstream binding factor 1.//0.019:177:63//X57201
 R-NT2RM4001191//HS_3002_A1_F05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3002 Col=9 Row=K, genomic survey sequence.//3.9e-33:230:75//AQ088791
 R-NT2RM4001200//Homo sapiens full-length insert cDNA clone YL35H03.//7.5e-69:335:99//AF085857
 5 R-NT2RM4001203
 R-NT2RM4001204
 R-NT2RM4001217
 R-NT2RM4001256
 R-NT2RM4001258
 10 R-NT2RM4001309
 R-NT2RM4001313//Homo sapiens 12q24.1 PAC RPCI1-71H24 (Roswell Park Cancer Institute Human PAC li-
 brary) complete sequence.//0.00055:183:63//AC004551
 R-NT2RM4001316//Homo sapiens chromosome 17, clone hCIT.117_K_16, complete sequence.//4.5e-21:212:79//
 AC004757
 15 R-NT2RM4001320//CIT-HSP-2303E22.TR CIT-HSP Homo sapiens genomic clone 2303E22, genomic survey se-
 quence.//3.8e-30:86:89//AQ021084
 R-NT2RM4001340
 0.0027:493:60//AC005133
 R-NT2RM4001344
 20 R-NT2RM4001347//CITBI-E1-2506I20.TR CITBI-E1 Homo sapiens genomic clone 2506I20, genomic survey se-
 quence.//6.5e-16:1.01:99//AQ262797
 R-NT2RM4001371//CITBI-E1-2503G21.TR CITBI-E1 Homo sapiens genomic clone 2503G21, genomic survey
 sequence.//0.063:140:65//AQ265776
 R-NT2RM4001382//HS_3044_A1_F02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3044 Col=3 Row=K, genomic survey sequence.//0.96:103:66//AQ098668
 25 R-NT2RM4001384//R.norvegicus mRNA for dendrin.//8.5e-07:120:75//Y09000
 R-NT2RM4001410//Bovine cytochrome P450-scc mRNA fragment.//2.3e-15:199:75//M25920
 R-NT2RM4001411//Rattus norvegicus FceRI gamma-chain interacting protein SH2-B (SH2-B) mRNA, complete
 cds.//1.7e-55:235:83//U57391
 30 R-NT2RM4001412
 R-NT2RM4001414//Homo sapiens Xp22 Cosmids U98B4 and U24F2 (Lawrence Livermore human cosmid library)
 complete sequence.//1.7e-80:489:89//U69730
 R-NT2RM4001437//RPCI11-56D2.TJ RPCI11 Homo sapiens genomic clone R-56D2, genomic survey sequence.//
 3.8e-43:250:93//AQ081969
 35 R-NT2RM4001444//Homo sapiens Xp22-171-173 BAC GSHB-312I4 (Genome Systems Human BAC Library)
 complete sequence.//0.0034:224:63//AC005926
 R-NT2RM4001454//Homo Sapiens Chromosome X clone bWXD90, complete sequence.//2.4e-33:360:68//
 AC004075
 R-NT2RM4001455//HS_3229_B1_E04_MR CIT Approved-Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3229 Col=7 Row=J, genomic survey sequence.//1.0:183:61//AQ191289
 40 R-NT2RM4001483//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//
 2.2e-51:451:79//AC005282
 R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds.//2.2e-102:547:93//AB014585
 R-NT2RM4001519//HS_2208_A1_F07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2208 Col=13 Row=K, genomic survey sequence.//0.25:214:63//AQ091836
 45 R-NT2RM4001522//H.sapiens gene for Cu/Zn-superoxide dismutase.//3.6e-13:246:70//Z29336
 R-NT2RM4001557//Plasmodium falciparum MAL3P4, complete sequence.//0.055:320:58//AL008970
 R-NT2RM4001565//Homo sapiens chromosome 12p13.3 clone RPCI11-189M20, WORKING DRAFT SE-
 QUENCE, 39 unordered pieces.//3.9e-26:329:72//AC005910
 50 R-NT2RM4001566//Human trophinin mRNA, complete cds.//6.3e-38:296:86//U04811
 R-NT2RM4001569//Human DNA sequence from clone 461P17 on chromosome 20q12-13.2. Contains four novel
 (pseudo)genes for proteins with Kunitz/Bovine pancreatic trypsin inhibitor and/or WAP-type (Whey Acidic Protein)
 'four-disulfide core' domains, COX6C (Cytochrome C Oxidase Polypeptide VIC, EC 1.9.3.1) and RPL5 (60S Ri-
 bosomal Protein L5) pseudogenes, a pseudogene similar to part of the HSPD1 (HSP60, Mitochondrial Matrix
 Protein P1 precursor, Heat Shock Protein 60, GROEL protein, HUCHA60) gene, and the Major Epididymis-specific
 55 protein E4 precursor (HE4, Epididymis Secretory protein E4, WAP-type (Whey Acidic Protein) 'four-disulfide core'
 domain) gene. Contains ESTs, an STS, GSSs and a putative CpG island, complete sequence.//2.0e-35:213:89//
 AL031663

R-NT2RM4001582//Mus musculus COP9 complex subunit 7b (COPS7b) mRNA, complete cds.//5.4e-60:558:77//AF071317
 R-ntnnnnnnnnnn//M.musculus mRNA of enhancer-trap-locus 1.//4.8e-86:565:85//X69942
 R-NT2RM4001594//Human interleukin-13 (IL-13) precursor gene, complete cds.//0.083:283:61//U31120
 5 R-NT2RM4001597//HS_2059_A1_G11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2059 Col=21 Row=M, genomic survey sequence.//4.4e-09:105:83//AQ245136
 R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds.//6.7e-111:565:95//AB018334
 R-NT2RM4001611//Homarus americanus ryanodine receptor (RyR) mRNA, partial cds.//1.0:364:61//AF051936
 10 R-NT2RM4001629//RPC111-54G14.TJ RPC111 Homo sapiens genomic clone R-54G14, genomic survey sequence.//0.0018:347:61//AQ083173
 R-NT2RM4001650
 R-NT2RM4001662//Homo sapiens DNA sequence from PAC 159A15 on chromosome Xp11.21-p11.23. Contains inter-alpha-trypsin inhibitor heavy chain H3 precursor-like protein.//0.75:212:62//AL022575
 R-NT2RM4001666//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-233A8, complete sequence.//2.6e-26:461:65//AC004685
 15 R-NT2RM4001682//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence.//1.5e-107:544:96//AL031775
 20 R-NT2RM4001710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE.//1.8e-110:580:95//AL031447
 R-NT2RM4001714//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//3.1e-10:543:59//AC004153
 R-ntnnnnnnnnnn//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs, complete sequence.//8.7e-111:577:94//AL034430
 25 R-NT2RM4001731//Ovis aries dinucleotide repeat polymorphism at MAF92 locus.//0.017:93:73//M80527
 R-NT2RM4001741//Mouse mRNA for talin.//2.4e-34:273:83//X56123
 R-NT2RM4001746//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316G12, WORKING DRAFT SEQUENCE.//1.7e-112:567:96//AL031709
 30 R-NT2RM4001754//Homo sapiens PAC clone 248O15 from 13q12-q13, complete sequence.//1.4e-64:475:83//AC002483
 R-NT2RM4001758//R.norvegicus mRNA for serine/threonine kinase MARK1.//1.9e-18:202:78//Z83868
 R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds.//2.0e-22:236:80//AB018270
 R-NT2RM4001783//Homo sapiens clone DJ0981O07, complete sequence.//4.4e-106:551:95//AC006017
 35 R-NT2RM4001810//T28D3TF TAMU Arabidopsis thaliana genomic clone T28D3, genomic survey sequence.//0.76:279:60//B27099
 R-NT2RM4001813
 R-NT2RM4001823
 R-NT2RM4001828//HS_3073_A2_E01_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3073 Col=2 Row=I, genomic survey sequence.//1.6e-46:255:96//AQ121030
 40 R-NT2RM4001836//Sus scrofa microsatellite S0398 sequence.//9.4e-06:141:69//U78024
 R-NT2RM4001841//Salmo salar microsatellite Ssa65 DNA.//1.5e-06:175:65//AF019184
 R-NT2RM4001842//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.0e-07:332:61//AC005077
 45 R-NT2RM4001856//Mus musculus clone OST16642, genomic survey sequence.//4.8e-30:235:85//AF046633
 R-ntnnnnnnnnnn//Hs_3244_B1_F10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3244 Col=19 Row=L, genomic survey sequence.//3.0e-40:263:89//AQ252798
 R-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC.//5.0e-119:592:97//Y17711
 R-NT2RM4001876//Megastigmus wachtl dinucleotide microsatellite, clone
 50 MWA47CT.//0.13:134:64//AJ001069
 R-NT2RM4001880
 R-NT2RM4001905//HS_2016_B1_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2016 Col=21 Row=P, genomic survey sequence.//0.0066:264:59//AQ226877
 R-NT2RM4001922//HS_2228_B2_B07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2228 Col=14 Row=D, genomic survey sequence.//2.5e-35:205:96//AQ065498
 55 R-NT2RM4001930//Homo sapiens chromosome 17, clone hRPC.34_M_24, complete sequence.//0.26:325:63//AC004562
 R-NT2RM4001938//Homo sapiens chromosome 17, clone hRPC.1081_P_3, complete sequence.//2.9e-85:421:

98//AC005207
 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds.//6.2e-109:556:95//AF098162
 R-NT2RM4001953//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 473B4, WORKING
 DRAFT SEQUENCE.//1.3e-08:175:70//Z83826
 5 R-NT2RM4001965//CIT-HSP-385N14.TR CIT-HSP Homo sapiens genomic clone 385N14, genomic survey se-
 quence.//5.7e-69:532:81//B55044
 R-nnnnnnnnnnnnn//R.norvegicus mRNA for IP63 protein.//1.9e-61:352:83//X99330
 R-NT2RM4001979//Homo sapiens full-length insert cDNA clone ZD29F04.//1.1e-98:465:100//AF086241
 R-NT2RM4001984//Borrelia burgdorferi (section 47 of 70) of the complete genome.//0.14:461:60//AE001161
 10 R-NT2RM4001987
 R-NT2RM4002013
 R-NT2RM4002018
 R-NT2RM4002034//Homo sapiens chromosome 5, BAC clone 24p24 (LBNL H195), complete sequence.//3.6e-
 42:277:89//AC005353
 15 R-NT2RM4002044//Homo sapiens PAC clone DJ1102B04 from 7q11.23-7q21, complete sequence.//0.83:476:57//
 AC006204
 R-NT2RM4002054
 R-NT2RM4002062//Human microsomal epoxide hydrolase gene, exons 5 and 6.//0.11:136:67//U06659
 R-NT2RM4002063//Oryctolagus cuniculus sarcosine oxidase (SOX) mRNA, complete cds.//2.9e-99:503:96//
 20 U82267
 R-nnnnnnnnnnnnn//Homo sapiens CAGH45 mRNA, complete cds.//9.6e-41:554:68//U80742
 R-NT2RM4002067//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329A5, WORKING
 DRAFT SEQUENCE.//7.7e-64:476:81//Z97832
 R-NT2RM4002073//Mus musculus fatty acid transport protein 3 mRNA, partial cds.//1.1e-33:238:85//AF072758
 25 R-NT2RM4002075//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces.//0.0031:403:57//AC005504
 R-NT2RM4002093//Human Chromosome 11 pac pDJ227b23, WORKING DRAFT SEQUENCE, 19 unordered
 pieces.//9.4e-07:322:62//AC000383
 R-nnnnnnnnnnnnn//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//5.6e-44:432:74//
 30 D12646
 R-NT2RM4002128//Human HepG2 partial cDNA, clone hmd2e12m5.//2.0e-26:186:90//D17000
 R-NT2RM4002140
 R-NT2RM4002145//Homo sapiens full-length insert cDNA clone ZD38E12.//1.4e-15:193:76//AF086247
 R-NT2RM4002146//Human ABL gene, intron 1b, partial sequence.//0.66:170:63//U07562
 35 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds.//4.5e-110:560:96//AF084535
 R-NT2RM4002174//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//8.0e-43:302:85//
 AC005696
 R-NT2RM4002189
 R-NT2RM4002194//Human Cosmid g5129g129 from 7q31.3, complete sequence.//0.29:382:60//AC003960
 40 R-NT2RM4002205//Spiroplasma virus (SpV1-R8A2 B) complete genome.//3.5e-05:432:56//X51344
 R-NT2RM4002213
 R-NT2RM4002226//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//0.94:198:61//
 AC004448
 R-NT2RM4002251
 45 R-NT2RM4002256//Homo sapiens PAC clone DJ0570D02 from 7p13-p14, complete sequence.//2.3e-58:299:85//
 AC004837
 R-NT2RM4002266//H.sapiens CpG island DNA genomic Mse1 fragment, clone 179f11, forward read
 cpg179f11.ft1a.//0.72:97:69//Z57487
 R-NT2RM4002278//Homo sapiens clone RG140B11, WORKING DRAFT SEQUENCE, 1 unordered pieces.//7.5e-
 50 49:405:84//AC005069
 R-NT2RM4002281//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING
 DRAFT SEQUENCE.//1.7e-13:168:77//AL033531
 R-NT2RM4002287
 R-NT2RM4002294//Homo Sapiens Chromosome X clone bWXD171, WORKING DRAFT SEQUENCE, 1 ordered
 55 pieces.//0.98:208:65//AC004676
 R-NT2RM4002301//HS_2028_A1_E10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2028 Col=19 Row=1, genomic survey sequence.//0.94:321:57//AQ233262
 R-NT2RM4002323//Human DNA sequence from clone 59B16 on chromosome 6p22.1-22.3. Contains a pseudo-

- gene similar to GPIISG20 and other exonucleases). Contains ESTs, STSs, GSSs, genomic markers D6S1691 and D6S299 and a ca repeat polymorphism, complete sequence.//1.9e-35:265:84//AL032822
- R-nnnnnnnnnnnn//Human mRNA for KIAA0319 gene, complete cds.//2.4e-42:569:68//AB002317
- 5 R-NT2RM4002344//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.013:391:59//AC004709
- R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds.//8.6e-121:593:97//AB014549
- R-NT2RM4002374//Human DNA sequence from cosmid U131B10, between markers DXS366 and DXS87 on chromosome X contains XK membrane transport protein, ESTs and STS.//3.8e-44:258:86//Z73417
- 10 R-NT2RM4002383//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence.//0.00084:345:60//AC005316
- R-NT2RM4002390
- R-NT2RM4002409//RPCI11-45M10.TK RPCI11 Homo sapiens genomic clone R-45M10, genomic survey sequence.//0.99:151:66//AQ194411
- R-NT2RM4002438
- 15 R-NT2RM4002446//Human DNA sequence from clone 360A4 on chromosome 16. Contains ESTs, complete sequence.//2.8e-103:533:95//AL031008
- R-NT2RM4002452
- R-NT2RM4002457//Homo sapiens chromosome 16, cosmid clone 321D4 (LANL), complete sequence.//0.99:171:64//AC004034
- 20 R-NT2RM4002460//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//0.96:94:71//Z92545
- R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds.//2.9e-102:508:97//AF083255
- 25 R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds.//7.0e-31:172:98//AB014591
- R-NT2RM4002493//CIT-HSP-2296C24.TF CIT-HSP Homo sapiens genomic clone 2296C24, genomic survey sequence.//0.46:182:62//AQ006882
- R-NT2RM4002499//Human v-fos transformation effector protein (Fte-1), mRNA complete cds.//7.3e-24:134:99//M84711
- 30 R-NT2RM4002504//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//3.9e-11:334:63//AC002368
- R-nnnnnnnnnnnn
- R-NT2RM4002532//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//3.4e-17:171:79//Z97985
- 35 R-NT2RM4002534
- R-NT2RM4002567//Homo sapiens chromosome 7 clone UWGC:g1564a040 from 7p14-15, complete sequence.//2.2e-26:181:76//AC005271
- R-NT2RM4002571
- 40 R-NT2RM4002593//CIT-HSP-2303L15.TF CIT-HSP Homo sapiens genomic clone 2303L15, genomic survey sequence.//0.034:73:82//AQ015579
- R-NT2RM4002623//Homo sapiens clone UWGC:g1564a209 from 7p14-15, complete sequence.//0.0014:670:55//AC005862
- R-NT2RP2000001//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete sequence.//0.00087:251:59//AE001422
- 45 R-NT2RP2000006//Human DNA sequence from PAC 155D22 on chromosome 6q27. Contains EST, STSs and a GSS.//2.7e-37:259:86//Z97205
- R-NT2RP2000008//RPCI11-41G16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-41G16, genomic survey sequence.//4.1e-25:365:70//AQ029090
- R-NT2RP2000027//Homo sapiens chromosome 17, clone HCIT305D20, complete sequence.//6.0e-05:307:62//AC004098
- 50 R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds.//8.4e-41:223:96//AB018290
- R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//5.8e-63:325:96//AF061749
- R-NT2RP2000054//Human tyrosinase gene, 5'-flanking region (containing enhancer element responsible for pigment cell-specific transcription).//0.88:210:60//D26163
- 55 R-NT2RP2000056//Mus musculus epsilon tyrosine phosphatase cytoplasmic isoform (Ptpre) mRNA, complete cds.//4.7e-38:377:78//U36758
- R-NT2RP2000067//Rat mRNA for growth potentiating factor, complete cds.//6.0e-10:137:79//D42148

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R-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//3.1e-76:381:98//AC005754

R-NT2RP2000076//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//2.3e-06:380:60//AE001372

5 R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds.//3.5e-77:379:97+++F050079

R-NT2RP2000079//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//6.5e-32:314:78//AL034549

R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds.//5.6e-74:378:96//AB018338

10 R-NT2RP2000091//Homo sapiens clone RG015P03, complete sequence.//9.3e-21:226:76//AC005048

R-NT2RP2000097//Human DNA sequence from cosmid U209G1 on chromosome X.//9.2e-40:278:81//Z68873

R-NT2RP2000098//Human BAC clone RG333F24 from 7q11.2-q21, complete sequence.//0.34:132:65//AC004015

R-NT2RP2000108//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//3.1e-09:259:67//AC003973

15 R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds.//1.8e-74:386:95//AB018356

R-NT2RP2000120//CITBI-E1-2503M8.TR CITBI-E1 Homo sapiens genomic clone 2503M8, genomic survey sequence.//5.1e-05:87:77//AQ263909

R-nnnnnnnnnnnnnnnnn

R-nnnnnnnnnnnnnnnnn//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//4.9e-11:153:69//AC004827

20 R-NT2RP2000147

R-NT2RP2000153//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and lactoferrin (lactoferrin) gene, partial cds, complete sequence.//0.0058:261:57//U95626

R-NT2RP2000157//Homo sapiens Chr.14 PAC RPCI4-794B2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//2.5e-119:603:96//AC005924

25 R-NT2RP2000161//CIT-HSP-2045P7.TR CIT-HSP Homo sapiens genomic clone 2045P7, genomic survey sequence.//0.89:173:63//B79728

R-NT2RP2000175

R-NT2RP2000183

30 R-NT2RP2000195//Homo sapiens chromosome 17, clone hRPK.60_A_24, complete sequence.//4.3e-39:306:83//AC005325

R-NT2RP2000205//Human DNA sequence from clone 302L24 on chromosome Xq21-22, complete sequence.//7.5e-05:101:78//AL022155

R-NT2RP2000224//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-152E5, complete sequence.//7.3e-55:306:94//AC004382

35 R-NT2RP2000232

R-NT2RP2000233//Mus musculus tumor metastasis associated gene product (MAG) mRNA, complete cds.//7.6e-13:144:75//U88401

R-NT2RP2000239//Homo sapiens chromosome 4 clone B353C18 map 4q25, complete sequence.//9.6e-63:410:86//AC004066

40 R-NT2RP2000248//Caenorhabditis elegans cosmid T01C8.//1.0:282:58//U58726

R-NT2RP2000257//Homo sapiens PAC clone DJ0808G16 from 7q11.23-q21, complete sequence.//2.5e-11:163:72//AC004894

R-NT2RP2000258//Arabidopsis thaliana chromosome II BAC T31E10 genomic sequence, complete sequence.//0.58:442:58//AC004077

45 R-NT2RP2000270//Homo sapiens DNA sequence from PAC 97D16 on chromosome 6p21.3-22.2. Contains an unknown pseudogene, a 60S Ribosomal protein L24 (L30) LIKE pseudogene and histone genes H2BFC (H2B/c), H4FFP (H4/f pseudogene), H2AFC (H2A/c), H3F1K (H3.1/k) and a tRNA-Val pseudogene and tRNA-Thr gene. Contains ESTs, STSs, GSSs and genomic marker D6S464, complete sequence.//1.1e-39:292:84//AL009179

50 R-NT2RP2000274//CIT-HSP-237901.TR CIT-HSP Homo sapiens genomic clone 237901, genomic survey sequence.//6.9e-10:121:81//AQ109409

R-NT2RP2000288

R-NT2RP2000289

R-NT2RP2000297//Homo sapiens full-length insert cDNA clone ZB81C03.//7.7e-109:519:99//AF086165

55 R-NT2RP2000298

R-NT2RP2000310//Homo sapiens p53 induced protein mRNA, partial cds.//1.5e-38:224:93//AF010310

R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-.41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE

pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete sequence.//4.3e-113:580:96//AL022398

R-NT2RP2000329//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
7,4e-47;367.77//AC006039

5 R-NT2RP2000337//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxidase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large and small subunits).//4.9e-08:494:58//L04272

10 R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds.//3.4e-46:262:94//U83981

R-NT2RP2000369//Homo sapiens chromosome 17, clone HCIT169H9, WORKING DRAFT SEQUENCE, 6 unordered pieces.//3.0e-07:334:61//AC002993

R-NT2RP2000414//Mouse DNA sequence *** SEQUENCING IN PROGRESS *** from clone BAC394, WORKING
DRAFT SEQUENCE //7.0e-08:98:83//AJ004828

15 R-NT2RP2000420//Homo sapiens chromosome 17, clone hRPK.640_I_15, complete sequence.//0.99:150:62//
AC005324

R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//4.6e-19:142:90//AF102265

R-NT2RP2000438//RPC111-62113.TK RPC111 Homo sapiens genomic clone R-62113, genomic survey sequence.//
3.1e-06:103:79//AQ199572

R-NT2RP2000448//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//2.0e-22:276:73//AC004691

R-NT2RP2000459//CIT-HSP-2013N9.TR CIT-HSP Homo sapiens genomic clone 2013N9, genomic survey sequence.//5.5e-27:205:87//853940

25 R-NT2RP2000498//Homo sapiens Chromosome 11q23 PAC clone pDJ149k2 containing PLZF gene encoding
kruppel-like zinc finger protein, complete sequence.//6.0e-12:119:84//AC001234

R-NT2RP2000503//Human CYP11B2 gene for steroid 18-hydroxylase (P-450 C18), 5'-flanking region and exon 1//0.48:201:64//D10170

R-NT2RP200510//Bactrocera dorsalis strain Tahiti mitochondrial D-loop region, complete sequence.//3.6e-07:472:59//AF033929

R-oooooooooooo

R-NT2RP2000523//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE //2.3e-61:317:97//AL022318

R-NT2RP2000603//Homo sapiens mRNA for MCM3 import factor, complete cds.//6.6e-29:167:97//AB005543

R-NT2RP2000617

R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds.//2.5e-64:335:96//AB014514

R-NT2RP2000644//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs. Contains polymorphic CA repeat.//1.8e-28:383:70/Z92545

40 R-NT2RP2000656//Homo sapiens DNA sequence from PAC 874C20 on chromosome 6p22.1-22.3. Contains a Zinc Finger Protein ZFP47 LIKE gene, a Zinc Finger Protein pseudogene and a Zinc Finger Protein SRE-ZBP pseudogene. Contains ESTs, STSs and GSSs. complete sequence//0.0093:110:70//AL021997

R-NT2RP2000658//*Bacillus thuringiensis* chitinase (chi) gene, complete cds.//0.73:301:60//U89796

R-NT2RP2000668

45 R-NT2RP2000678/Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 8/15,
WORKING DRAFT SEQUENCE.//2.8e-11:256:66//AP000015

R-NT2RP2000710//Genomic sequence from Human 17, WORKING DRAFT SEQUENCE, 9 unordered pieces.
0.036:176:69//AC002346

R-NT2RP2000715//Homo sapiens PAC clone DJ1066K24 from 7p15, complete sequence.//2.7e-110:555:96//AC004540

R-NT2RP2000731//Human DNA sequence from clone 497J21 on chromosome 6q26-27. Contains a KOC (KH-domain containing transcript overexpressed in cancer) pseudogene, genomic marker D6S193, ESTs, STSs and GSSs, and a ca repeat polymorphism. complete sequence.//2.6e-18:319:68//AL023775

R-NT2RP2000758//CIT-HSP-507A14.TP CIT-HSP Homo sapiens genomic clone 507A14, genomic survey sequence.//1.0:189:60//B50590

R-NT2RP2000764

R-NT2RP2000809//Human BAC clone RG356F09 from 7p21, complete sequence.//1.7e-24:215:81//AC004002

R-NT2RP2000812//CIT-HSP-2281C3.TR CIT-HSP Homo sapiens genomic clone 2281C3, genomic survey se-

quence.//9.5e-32:176:97//B99575
 R-nnnnnnnnnnnn//paramecium species 5,87 mt dna dimer: replication init. region.//0.0077:418:57//K00916
 R-NT2RP2000816//F.rubripes GSS sequence, clone 011H02aA6, genomic survey sequence.//0.61:52:73//
 AL011013
 5 R-NT2RP2000819
 R-NT2RP2000841//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 43408, WORKING
 DRAFT SEQUENCE.//0.00012:181:70//AL033504
 R-NT2RP2000842//Mus musculus (C57BL/10 X C3H)F2 clone 4.9 novel mRNA from reninexpressing kidney tumor
 cell line, partial sequence.//3.7e-27:388:72//U13370
 10 R-NT2RP2000845//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//0.0022:200:
 68//AC005703
 R-NT2RP2000863
 R-NT2RP2000880//Homo sapiens mRNA for putative GTP-binding protein, partial.//2.3e-43:279:89//AJ006412
 R-NT2RP2000892//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer , segment 7/10.//
 15 0.0028:221:62//AB020875
 R-NT2RP2000931//Homo sapiens mRNA for KIAA0723 protein, complete cds.//2.2e-55:290:96//AB018266
 R-NT2RP2000938//Homo sapiens full-length insert cDNA clone ZD55G12.//2.1e-37:215:93//AF086336
 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds.//3.0e-96:494:96//AB018298
 R-NT2RP2000965
 20 R-NT2RP2000970//Homo sapiens DNA sequence from BAC 747E2 on chromosome 22q12.1. Contains ESTs,
 STSs and GSSs and genomic marker D22S56, complete sequence.//4.5e-87:440:97//AL021393
 R-NT2RP2000985//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//5.4e-93:484:
 95//AC005277
 R-NT2RP2000987//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//2.1e-06:
 25 318:62//AE001372
 R-NT2RP2001036//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 41018, WORKING
 DRAFT SEQUENCE.//2.0e-24:273:73//AL031732
 R-NT2RP2001044//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces.//3.3e-07:365:65//AC005140
 30 R-NT2RP2001065//Caenorhabditis elegans cosmid F10G7.//9.2e-06:273:59//U40029
 R-NT2RP2001070//CITBI-E1-2503F4.TF CITBI-E1 Homo sapiens genomic clone 2503F4, genomic survey se-
 quence.//0.13:97:72//AQ265973
 R-NT2RP2001094//Mycoplasma mycoides mycoides SC immunodominant protein P72 (p72) gene, complete cds,
 mannitol-1-phosphate dehydrogenase (mt1D) gene, partial cds and insertion sequence IS1296, complete se-
 35 quence.//0.018:373:57//U61140
 R-NT2RP2001119
 R-NT2RP2001127//Homo sapiens HRIHFB2060 mRNA, partial cds.//4.5e-55:304:94//AB015348
 R-NT2RP2001137//Homo sapiens DNA sequence from clone 511B24 on chromosome 20q11.2-12. Contains the
 TOP1 gene for Topoisomerase I, the PLCG1 gene for 1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase
 40 Gamma 1 (EC 3.1.4.11, PLC-Gamma-1, Phospholipase C-Gamma-1 PLC-II, PLC-148), the KIAA0395 gene for a
 probable Zinc Finger Homeobox protein and a 60S Ribosomal Protein L23 LIKE pseudogene. Contains a predicted
 CpG island, ESTs, STSs and GSSs, complete sequence.//0.69:129:65//AL022394
 R-NT2RP2001149//Sequence 5 from Patent US 4798885.//8.5e-28:322:77//I01838
 R-NT2RP2001168
 45 R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds.//4.8e-95:490:96//AB 007949
 R-NT2RP2001174//CIT-HSP-2170B18.TR CIT-HSP Homo sapiens genomic clone 2170B18, genomic survey se-
 quence.//1.3e-33:204:93//B89680
 R-NT2RP2001196//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-65, complete
 sequence.//1.7e-06:413:61//AL010134
 50 R-NT2RP2001218//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS,
 GSS, complete sequence.//8.5e-15:278:68//AL022153
 R-NT2RP2001226//Human DNA sequence from clone 1170D6 on chromosome Xq22.3-23. Contains a pseudog-
 ene similar to U-SNRNP associated Cyclophilin (USA-CYP, EC 5.2.1.8), ESTs, an STS and a GSS, complete
 sequence.//0.0020:462:57//AL030995
 55 R-NT2RP2001233//CIT-HSP-2356P23.TR CIT-HSP Homo sapiens genomic clone 2356P23, genomic survey se-
 quence.//8.0e-108:547:96//AQ081110
 R-NT2RP2001245//Spodoptera frugiperda 16S rRNA gene, Val-tRNA, and Leu-tRNA genes, and ND-1 protein
 gene, 5' end.//0.0052:350:58//M76713

R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds.//4.6e-111:544:97//AB018353
 R-NT2RP2001277//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y59A8,
 WORKING DRAFT SEQUENCE.//0.0058:327:59//Z98870
 R-NT2RP2001290//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces.//0.96:187:65//AC004709
 5 R-NT2RP2001295//Homo sapiens BAC clone NH0491B03 from 7p21-p15, complete sequence.//0.59:218:62//
 AC006041
 R-NT2RP2001312//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 349A12, WORKING
 DRAFT SEQUENCE.//0.12:117:64//AL033520
 10 R-NT2RP2001327//Caenorhabditis elegans cosmid R04D3, complete sequence.//0.31:119:66//Z70212
 R-NT2RP2001328//HS_2213_A1_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2213 Col=13 Row=G, genomic survey sequence.//1.7e-22:200:83//AQ136874
 R-NT2RP2001347//Plasmodium falciparum MAL3P8, complete sequence.//0.81:509:56//AL034560
 R-NT2RP2001378//H.sapiens DNA sequence.//0.94:147:63//Z22404
 15 R-NT2RP2001381//Homo sapiens cyclin E2 mRNA, complete cds.//3.2e-09:75:97//AF091433
 R-NT2RP2001392//Myxococcus xanthus ATP-dependent protease (bsgA) gene, complete cds.//0.079:178:62//
 L19301
 R-NT2RP2001394//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands
 and polymorphic CA repeat.//3.4e-60:351:90//Z93242
 20 R-NT2RP2001397//Hamster mRNA for cyclinB2, complete cds.//5.4e-55:320:83//D17294
 R-NT2RP2001420//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1108D11, WORKING
 DRAFT SEQUENCE.//1.0e-44:246:85//AL034419
 R-NT2RP2001423//Human DNA sequence from clone 726F20 on chromosome 1p36.11-36.23. Contains ESTs
 and a GSS, complete sequence.//3.7e-05:417:61//AL031273 R-NT2RP2001427//Human Chromosome 11 Cosmid
 25 cSRL34e5, complete sequence.//0.94:287:59//U73643
 R-NT2RP2001436//Mus musculus clone OST1784, genomic survey sequence.//5.2e-31:299:77//AF046702
 R-NT2RP2001440//Rattus norvegicus mRNA for 14-3-3 protein gamma-subtype, complete cds.//7.8e-75:548:83//
 D17447
 R-NT2RP2001445//Homo sapiens 12q13.1 PAC RPC1-228P16 (Roswell Park Cancer Institute Human PAC Li-
 30 brary) complete sequence.//1.0e-06:452:59//AC004801
 R-NT2RP2001449//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//
 5.1e-08:218:67//AC004846
 R-NT2RP2001450
 R-NT2RP2001467//Human BAC clone RG343P13 from 7q31, complete sequence.//3.8e-31:254:83//AC002465
 35 R-NT2RP2001506//C.barati p-47, nttnh, bonT genes.//1.2e-06:415:60//Y12091
 R-NT2RP2001511//Plasmodium falciparum MAL3P7, complete sequence.//0.11:155:63//AL034559
 R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1.//2.1e-104:545:95//Y14494
 R-NT2RP2001526//Homo sapiens chromosome 17, clone hCIT.175_E_5, complete sequence.//7.0e-16:283:68//
 AC004596
 40 R-NT2RP2001536//Human DNA from chromosome 14-specific cosmid containing XRCC3 DNA repair gene, ge-
 nomic sequence, complete sequence.//7.7e-16:108:96//AF037222
 R-NT2RP2001560//CIT978SK-A-56H4.TP CIT978SK Homo sapiens genomic clone A-56H4, genomic survey se-
 quence.//0.052:112:66//B73597
 R-NT2RP2001569//CIT-HSP-2335F8.TF CIT-HSP Homo sapiens genomic clone 2335F8, genomic survey se-
 45 quence.//6.0e-78:383:98//AQ042029
 R-NT2RP2001576//Homo sapiens sulfonylurea receptor (SUR2) gene, exon 37.//0.33:135:66//AF061322
 R-NT2RP2001581//Homo sapiens (clone MFD220) PCR primer.//2.7e-07:240:63//L15407
 R-NT2RP2001597//HS_3016_B2_F06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3016 Col=12 Row=L, genomic survey sequence.//5.3e-45:310:87//AQ118854
 50 R-NT2RP2001601//Homo sapiens chromosome 17, clone hRPK.855_D_21, complete sequence.//0.015:445:58//
 AC006079
 R-NT2RP2001613//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence.//3.5e-16:
 413:63//AF009326
 R-NT2RP2001628//Phytomonas serpens kinetoplast maxicircle ribosomal protein S12 (G6) edited mRNA, com-
 55 plete cds.//0.11:190:63//AF034626
 R-NT2RP2001663//Homo sapiens Chromosome 16 BAC clone CIT987SK-625P11, complete sequence.//3.0e-26:
 157:81//AC004125
 R-NT2RP2001677//Homo sapiens chromosome 9, P1 clone 11659, complete sequence.//3.0e-58:305:96//

AC004472
R-NT2RP2001678//Human BAC clone RG222A16 from 7q31, complete sequence.//0.95:107:66//AC002385
R-NT2RP2001699//Mus musculus erythroid ankyrin and two alternatively spliced erythroid ankyrins (Ank1) gene, putative exon 41 and partial cds.//8.8e-05:211:63//U76758
5 R-NT2RP2001720//Homo sapiens PAC clone DJ0167F23 from 7p15, complete sequence.//4.7e-68:352:97//AC004079
R-NT2RP2001721//HS-1052-B1-G06-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 774 Col=11 Row=N, genomic survey sequence.//7.7e-05:346:59//B40914
10 R-NT2RP2001740//HS_3213_A2_D02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3213 Col=4 Row=G, genomic survey sequence.//1.1e-16:162:82//AQ175104
R-NT2RP2001748//Human gene for L-histidine decarboxylase, complete cds.//2.0e-33:312:77//D16583
R-NT2RP2001762//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482), complete sequence.//2.3e-100:435:97//AC004783
15 R-NT2RP2001813//Human leukocyte common antigen T200 (CD45, LCA) gene, exon 9.//0.031:261:60//M23468
R-NT2RP2001861
R-NT2RP2001869//Sequence 5 from patent US 5595900.//4.2e-21:194:77//I34189
R-NT2RP2001876
R-NT2RP2001883//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//5.0e-111:485:97//AL031864
20 R-NT2RP2001900
R-NT2RP2001907//Human proto-oncogene tyrosine-protein kinase (ABL) gene, exon 1a and exons 2-10, complete cds.//5.4e-42:382:77//U07563
R-NT2RP2001926//HS_3180_B2_F02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3180 Col=4 Row=L, genomic survey sequence.//2.8e-25:138:80//AQ185415
25 R-NT2RP2001936//Plasmodium falciparum 3D7 chromosome 12 PFYAC1383 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:320:60//AC005504
R-NT2RP2001943//Dictyostelium discoideum PkgA (pkgA) gene, partial cds.//1.4e-08:378:59//AF020280
R-NT2RP2001946//Homo sapiens clone NH0140K04, complete sequence.//3.6e-85:409:100//AC005033
30 R-NT2RP2001947//Human mRNA for KIAA0390 gene, complete cds.//0.85:140:64//AB002388
R-NT2RP2001969
R-NT2RP2001976//CIT-HSP-2281C3.TR CIT-HSP Homo sapiens genomic clone 2281C3, genomic survey sequence.//2.0e-60:307:98//B99575
R-NT2RP2001985//Arabidopsis thaliana DNA chromosome 4, BAC clone F1N20 (ESSAII project).//0.031:282:61//AL022140
35 R-NT2RP2002025
R-NT2RP2002032//CITBI-E1-2502C19.TF CITBI-E1 Homo sapiens genomic clone 2502C19, genomic survey sequence.//1.2e-52:285:95//AQ264715
R-NT2RP2002033//Human (lambda) DNA for immunoglobulin light chain.//1.1e-08:389:61//D88270
40 R-NT2RP2002041//Homo sapiens 12p13.3 BAC RPCI11-319E16 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//1.1e-49:264:97//AC006206
R-NT2RP2002046//Human BAC clone GS119P05 from 7q21, complete sequence.//0.0023:429:61//AC004011
R-NT2RP2002047//P.falciparum PK1 gene.//0.00015:239:62//X83707
R-NT2RP2002058//HS_2183_A1_G01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=1 Row=M, genomic survey sequence.//1.2e-21:185:84//AQ022560
45 R-NT2RP2002066//G.gallus microsatellite DNA (LEI0222 (=T15ivD04)).//0.18:102:70//Z83792
R-NT2RP2002070//P.falciparum major merozoite surface antigen (PMMSA) mRNA, complete cds, isolate FC27.//0.95:192:61//M19143
R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence.//3.8e-25:182:86//AF052183
50 R-NT2RP2002079//Human DNA sequence from clone 431P23 on chromosome 6q27. Contains the first coding exon of the MLLT4 gene for myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 4 (AF-6, Afadin, MLLT-4, ALL-1 fusion partner), and a Serine Palmitoyltransferase 2 (EC 2.3.1.50, Long Chain Base Biosynthesis protein 2, LCB-2, SPT-2) pseudogene. Contains ESTs, STss, GSSs, and a putative CpG island, complete sequence.//1.7e-10:97:90//AL009178
55 R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein.//4.6e-59:376:89//AJ007509
R-NT2RP2002105
R-NT2RP2002124//RPCI11-75J16.TJ RPCI11 Homo sapiens genomic clone R-75J16, genomic survey sequence.//0.58:191:64//AQ266779

- R-NT2RP2002137//Homo sapiens Xp22-175-176 BAC GSHB-484O17 (Genome Systems Human BAC Library) complete sequence.//0.0065:294:61//AC005913
R-NT2RP2002154
5 R-NT2RP2002172//RPC11-90C20.TJ RPC11 Homo sapiens genomic clone R-90C20, genomic survey sequence.//0.049:160:65//AQ282591
R-NT2RP2002185//CIT-HSP-2341115.TF CIT-HSP Homo sapiens genomic clone 2341115, genomic survey sequence.//6.0e-36:230:90//AQ053355
R-NT2RP2002192//HS_2222_B1_F08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2222 Col=15 Row=L, genomic survey sequence.//1.9e-15:249:71//AQ178491
10 R-NT2RP2002193//Rattus norvegicus potassium channel regulatory protein KChAP mRNA, complete cds.//4.7e-35:438:73//AF032872
R-NT2RP2002208//Hansenula wingei mitochondrial DNA, complete sequence.//0.00057:468:57//D31785
R-NT2RP2002219//HS_2058_A1_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=17 Row=E, genomic survey sequence.//3.4e-55:512:77//AQ234380
15 R-NT2RP2002231//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-31, complete sequence.//1.5e-06:398:61//Z98557
R-nnnnnnnnnnn//Sequence 11 from patent US 5624818.//3.3e-91:553:87//I41141
R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds.//3.0e14:132:84//AF005418
R-NT2RP2002259//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 118J21, WORKING
20 DRAFT SEQUENCE.//1.6e-96:548:91//AL033527
R-NT2RP2002270//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//5.1e-06:391:60//AC004605
R-NT2RP2002292//Genomic sequence from Human 13, complete sequence.//0.91:159:64//AC001226
R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds.//1.3e-101:527:94//
25 AF069532
R-NT2RP2002316//Plasmodium falciparum chromosome 2, section 45 of 73 of the complete sequence.//0.00052:389:59//AE001408
R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds.//2.3e-112:567:95//AF093668
30 R-NT2RP2002333//Rat POU domain factor (Brn-5) mRNA.//1.5e-22:323:73//L23204
R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds.//3.7e-102:600:89//AF038958
R-NT2RP2002394//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
DRAFT SEQUENCE, 5 unordered pieces.//0.039:399:59//AC005308
35 R-NT2RP2002408//HS_2212_A1_E09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2212 Col=17 Row=I, genomic survey sequence.//9.6e-35:231:88//AQ184632
R-NT2RP2002426//Human DNA sequence from clone 101G11 on chromosome 22q12. Contains an ACO2 (Mitochondrial Aconitate Hydratase (Aconitase, Citrate Hydro-Lyase, EC 4.2.1.3)) pseudogene, ESTs, STSs, GSSs and a putative CpG island, complete sequence.//2.8e-39:308:82//AL021877
40 R-NT2RP2002439//Leishmania tarentolae mitochondrial electron transport chain component mRNA.//0.022:102:71//M74225
R-NT2RP2002457//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21. Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced transcripts, a Tubulin Beta LIKE pseudogene, a
45 Connective tissue growth factor (NOV, GIG) LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete sequence.//0.00099:354:59//Z99289
R-NT2RP2002464//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 6/15, WORKING DRAFT SEQUENCE.//0.0015:219:67//AP000013
R-NT2RP2002475
R-nnnnnnnnnnn//Homo sapiens mRNA for ABC transporter 7 protein, complete cds.//3.1e-113:605:92//
50 AB005289
R-NT2RP2002498//Human DNA sequence from PAC 162H14 on chromosome 22. Contains 3' part of a FIBULIN 1 like gene and ESTs, complete sequence.//0.32:210:64//Z98047
R-NT2RP2002503//Homo sapiens, clone hRPK.15_A_1, complete sequence.//4.0e-86:429:98//AC006213
R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds.//2.7e-105:583:91//AB018334
55 R-NT2RP2002520//Saccharomyces cerevisiae mitochondrial tRNA-Tyr, tRNA-Asn, & amp; tRNA-Met genes.//0.14:406:58//AJ223323
R-NT2RP2002537//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 500L14, WORKING
DRAFT SEQUENCE.//2.8e-16:188:78//AL023583

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R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA.//4.7e-108:571:93//AF009314
R-NT2RP2002549//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence.//1.1e-103:422:95//AC005316
R-NT2RP2002591//Human DNA binding protein (HPF2) mRNA, complete cds.//1.8e-36:526:67//M27878
5 R-NT2RP2002595
R-NT2RP2002606//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 2705, WORKING DRAFT SEQUENCE.//7.2e-10:211:71//AL033529
R-NT2RP2002609
R-NT2RP2002618//Plasmodium falciparum MAL3P6, complete sequence.//2.9e-05:566:60//Z98551
10 R-NT2RP2002621//Human DNA sequence from PAC 341110 on chromosome 6q22.2-22.33. Contains 60S ribosomal protein L5 like (pseudo)gene, ESTs and STSs.//1.1e-38:348:78//Z97352
R-NT2RP2002643//Homo sapiens chromosome 11 clone pTWB15.28 map 11p15.4-p15.5, genomic survey sequence.//1.2e-35:414:66//AF074030
R-NT2RP2002672//Homo sapiens chromosome 10 clone CIT-HSP-1326H7 map 10q24.3-10q25.1, complete sequence.//1.3e-77:403:95//AC005384
15 R-NT2RP2002701
R-NT2RP2002706//Homo sapiens chromosome 19, cosmid F22676, complete sequence.//4.0e-42:147:90//AC005778
R-NT2RP2002710//P.falciparum serine rich protein (SERP I) gene.//0.84:135:67//J03983
20 R-NT2RP2002727//, complete sequence.//1.0:363:59//AC005815
R-NT2RP2002736//Arabidopsis thaliana chromosome II BAC T17M13 genomic sequence, complete sequence.//0.44:267:60//AC004138
R-NT2RP2002740//Homo sapiens Xp22 BAC GSHB-600G8 (Genome Systems Human BAC library) complete sequence.//0.0016:474:60//AC004674
25 R-NT2RP2002741//HS_3051_B1_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=21 Row=P, genomic survey sequence.//1.1e-38:217:86//AQ106283
R-NT2RP2002750//Homo sapiens 12q24.1 PAC RPCI1-315L5 (Roswell Park Cancer Institute Human PAC library) complete sequence.//5.0e-36:430:75//AC002395
R-NT2RP2002752//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 366L4, WORKING DRAFT SEQUENCE.//8.2e-41:437:76//AL023494
30 R-NT2RP2002753//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//6.8e-100:496:97//AC004882
R-NT2RP2002769//paramecium species 5,311 mt dna dimer: replication init. region.//7.4e-10:404:60//K00917
R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence.//1.2e-63:341:94//AF070537
35 R-NT2RP2002800//RPCI11-37G8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-37G8, genomic survey sequence.//4.9e-60:321:95//AQ029850
R-NT2RP2002839//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//2.9e-100:492:98//AC006078
R-NT2RP2002857//HS_3026_B2_H07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3026 Col=14 Row=P, genomic survey sequence.//8.9e-06:242:62//AQ 128697
40 R-NT2RP2002862//RPCI11-42I15.TJ RPCI11 Homo sapiens genomic clone R-42I15, genomic survey sequence.//1.5e-44:270:85//AQ052700
R-NT2RP2002880//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING DRAFT SEQUENCE.//1.0:295:58//AL022318
45 R-NT2RP2002891
R-NT2RP2002925//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 243L18, WORKING DRAFT SEQUENCE.//2.0e-24:395:67//AL034395
R-NT2RP2002928//Plasmodium falciparum MAL3P5, complete sequence.//0.044:461:55//AL034556
R-NT2RP2002929//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.35:491:56//AC005140
50 R-NT2RP2002954//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//1.0:275:61//AC005701
R-NT2RP2002959//Mus musculus ubiquitin conjugating enzyme (ubc4) mRNA, complete cds.//2.7e-61:508:79//U62483
55 R-NT2RP2002979//RPCI11-20F13.TPK RPCI-11 Homo sapiens genomic clone RPCI-11-20F13, genomic survey sequence.//0.88:110:72//AQ008132
R-NT2RP2002980//Homo sapiens PAC clone DJ0841B21 from 7q21.1-q31.1, complete sequence.//1.1e-102:433:95//AC004140

- R-NT2RP2002986//Human DNA sequence from clone 1147O16 on chromosome Xp21.1-21.3. Contains 13 exons of the DMD muscular dystrophy gene. Contains an STS and GSSs, complete sequence.//0.31:219:62//AL031542
- R-NT2RP2002987//Homo sapiens chromosome 18, clone hRPK.24_A_23, complete sequence.//1.3e-51:283:88//AC005968
- 5 R-NT2RP2002993//Human DNA sequence from PAC 106B9 on chromosome Xq21://4.3e-11:430:63//AL021307
- R-NT2RP2003000//Saccharomyces cerevisiae mitochondrion transfer RNA- Leu, Gln, Lys, Arg, Gly, Asp, Ser2, Arg2, Ala, Ile, Tyr, Asn genes.//0.00088:347:62//L36887
- R-NT2RP2003034//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment 2/10.//3.5e-33:271:82//AB020870
- 10 R-NT2RP2003073
- R-NT2RP2003099//Homo sapiens PAC clone DJ0886O08 from 7q32-q35, complete sequence.//1.5e-45:548:69//AC004914
- R-NT2RP2003108
- R-NT2RP2003117//Homo sapiens clone DJ1137M13, complete sequence.//2.0e-51:323:88//AC005378
- 15 R-NT2RP2003121//HS_2238_A1_E08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2238 Col=15 Row=I, genomic survey sequence.//0.00055:324:61//AQ293058
- R-NT2RP2003125
- R-NT2RP2003129
- R-NT2RP2003137//Human BAC clone RG084D04 from 7q31, complete sequence.//1.1e-46:521:74//AC003084
- 20 R-NT2RP2003161//Homo sapiens chromosome 10 clone CIT-HSP-1287C20, complete sequence.//1.0:368:59//AC005879
- R-NT2RP2003164//Dictyostelium discoideum actin 4 gene, 3' UTR.//1.0:120:64//M25581
- R-NT2RP2003165//Homo sapiens chromosome 17, clone hRPK.1018_N_14, complete sequence.//2.2e-71:467:86//AC005823
- 25 R-NT2RP2003177
- R-NT2RP2003194//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 996D20, WORKING DRAFT SEQUENCE.//1.1e-95:585:88//AL031597
- R-NT2RP2003206//P.falciparum interspersed repeat antigen (FIRA) gene.//0.039:338:60//M17877
- R-NT2RP2003230//Plasmodium falciparum MAL3P6, complete sequence.//1.9e-11:542:60//Z98551
- 30 R-NT2RP2003237//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MDH9, complete sequence.//1.0:311:60//AB016888
- R-NT2RP2003243//CIT-HSP-2368D12.TR CIT-HSP Homo sapiens genomic clone 2368D12, genomic survey sequence.//0.39:112:66//AQ077738
- R-NT2RP2003265//Muridae sp. (mouse-rat, neuroblastoma-glioma hybrid cell line NGD5) mRNA, complete cds.//1.3e-38:273:83//L38481
- 35 R-NT2RP2003272//Homo sapiens clone UWGC:y17c131 from 6p21, complete sequence.//4.4e-15:181:66//AC004187
- R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds.//4.2e-110:565:95//AB014525
- R-NT2RP2003280//Homo sapiens 12p13.3 PAC RPCI5-1180D12 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//3.2e-12:221:70//AC005831
- 40 R-NT2RP2003286//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//0.86:379:60//AC005261
- R-NT2RP2003293//Homo sapiens clone RG252P22, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0e-39:418:74//AC005079
- 45 R-NT2RP2003295//HS_2053_B1_A10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2053 Col=19 Row=B, genomic survey sequence.//0.0016:346:61//AQ235251
- R-NT2RP2003297//Arabidopsis thaliana chromosome II BAC F4P9 genomic sequence, complete sequence.//0.74:397:56//AC002332
- R-NT2RP2003308//Homo sapiens PAC clone DJ1098B01 from 7q11.23-q21, complete sequence.//0.99:447:60//AC004960
- 50 R-NT2RP2003329//C.reinhardtii psbB 5' flanking region.//0.79:161:59//X59731
- R-NT2RP2003339//RPCI11-57H15.TK RPCI11 Homo sapiens genomic clone R-57H15, genomic survey sequence.//0.13:184:64//AQ116039
- R-NT2RP2003347//RPCI11-15B19.TV RPCI-11 Homo sapiens genomic clone RPCI-11-15B19, genomic survey sequence.//6.4e-31:218:89//B76357
- 55 R-NT2RP2003367//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//9.0e-11:101:84//U91321
- R-NT2RP2003391//HS_2255_B2_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-

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nomic clone Plate=2255 Col=8 Row=D, genomic survey sequence.//1.6e-38:247:90//AQ068937
 R-NT2RP2003393//RPCI11-44K6.TJ RPCI11 Homo sapiens genomic clone R-44K6, genomic survey sequence.//
 3.9e-31:290:79//AQ202481
 R-NT2RP2003394//Yeast mitochondrial oxi3 gene exon 1 for cytochrome c oxidase subunit I.//5.1e-14:579:61//
 5 X14910
 R-NT2RP2003401//Caprine arthritis-encephalitis virus tat protein (tat) and envelope glycoprotein (env) gene, par-
 tial cds.//0.32:174:66//U81429
 R-NT2RP2003433//Ascidian mRNA for HRSec61, complete cds.//1.5e-10:193:69//D25536
 R-NT2RP2003445//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING
 10 DRAFT SEQUENCE.//4.4e-99:585:89//AL023808
 R-NT2RP2003446
 R-NT2RP2003456//Plasmodium falciparum MAL3P7, complete sequence.//0.98:399:57//AL034559
 R-NT2RP2003480//Homo sapiens full-length insert cDNA clone ZE09A11.//4.7e-111:540:98//AF086540
 R-NT2RP2003499
 15 R-NT2RP2003506
 R-NT2RP2003511
 R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds.//4.1e-107:566:93//D87460
 R-NT2RP2003517//Human c-sis/platelet-derived growth factor 2 (SIS/PDGF2) mRNA, complete cds.//1.5e-60:
 518:79//M12783
 20 R-NT2RP2003522//HS_2182_A1_D05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2182 Col=9 Row=G, genomic survey sequence.//0.053:251:60//AQ024304
 R-NT2RP2003533//Homo sapiens chromosome 12p13.3 clone RPCI4-816N1, WORKING DRAFT SEQUENCE,
 31 unordered pieces.//1.5e-37:328:80//AC005841
 R-NT2RP2003543//HS_3028_A2_C12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=3028 Col=24 Row=E, genomic survey sequence.//2.0e-39:203:100//AQ094957
 R-NT2RP2003559//Homo sapiens full-length insert cDNA clone ZD65E09.//2.3e-59:325:95//AF088055
 R-NT2RP2003564
 R-NT2RP2003581
 R-NT2RP2003596//HS_2163_B1_D11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 30 nomic clone Plate=2163 Col=21 Row=H, genomic survey sequence.//0.0011:212:67//AQ125143
 R-NT2RP2003604//Homo sapiens alpha-catenin-like protein mRNA, complete cds.//5.4e-102:501:97//U97067
 R-NT2RP2003629//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0012:363:61//AC005507
 R-NT2RP2003643//Mus musculus mRNA for CMP-N-acetylneuraminic acid synthetase.//5.1e-37:561:68//
 35 AJ006215
 R-NT2RP2003668//Human DNA sequence from PAC 24608, between markers DXS6791 and DXS8038 on chro-
 mosome X contains ESTs.//0.0053:395:58//Z76735
 R-NT2RP2003687//Human BAC clone RG222A16 from 7q31, complete sequence.//8.0e-10:205:67//AC002385
 R-NT2RP2003691//HS_3252_A2_A11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 40 nomic clone Plate=3252 Col=22 Row=A, genomic survey sequence.//5.3e-05:332:60//AQ219783
 R-NT2RP2003702//CIT-HSP-2333P5.TF CIT-HSP Homo sapiens genomic clone 2333P5, genomic survey se-
 quence.//3.9e-43:431:75//AQ035000
 R-NT2RP2003704
 R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds.//2.6e-45:265:93//AB011097
 45 R-NT2RP2003713//Human DNA sequence from PAC 411B6 on chromosome X *.//0.64:169:67//Z84470
 R-NT2RP2003714//Human DNA sequence from 4PTL, Huntington's Disease Region, chromosome 4p16.3.//
 4.6e-11:152:73//295704
 R-nnnnnnnnnnnn//H.sapiens mRNA for PIBF1 protein, complete.//0.94:443:59//Y09631
 R-NT2RP2003737//Homo sapiens clone DJ1022114, WORKING DRAFT SEQUENCE, 14 unordered pieces.//
 50 2.2e-109:547:96//AC004951
 R-NT2RP2003751//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-427H10, complete sequence.//4.1e-
 109:545:97//AC004626
 R-NT2RP2003760//B. taurus mRNA for gamma-COP.//6.3e-28:400:69//X70019
 R-NT2RP2003764//Mouse preprosomatostatin gene.//0.90:285:62//X51468
 55 R-NT2RP2003769//Schizosaccharomyces pombe gene for protein involved in sexual development, complete
 cds.//0.96:446:58//D87956
 R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds.//1.8e-104:531:96//AF047437
 R-NT2RP2003777

R-NT2RP2003781//HS_3109_B1_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3109 Col=7 Row=D, genomic survey sequence.//1.3e-60:346:92//AQ186749
R-NT2RP2003793
R-NT2RP2003840
5 R-NT2RP2003857//HS_2205_A2_H12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2205 Col=24 Row=O, genomic survey sequence.//8.1e-22:127:99//AQ151299
R-NT2RP2003859//RPCI11-37G8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-37G8, genomic survey sequence.//8.3e-60:320:95//AQ029850
10 R-NT2RP2003871//HS_3210_A1_C08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3210 Col=15 Row=E, genomic survey sequence.//8.6e-09:322:61//AQ175028
R-NT2RP2003885//RPCI11-7M10.TP RPCI-11 Homo sapiens genomic clone RPCI-11-7M10, genomic survey sequence.//4.7e-67:380:92//B72214
R-NT2RP2003912//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//1.2e-33:379:75//AL023693
15 R-NT2RP2003952
R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds.//2.3e-114:568:97//AB014458
R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds.//1.1e-107:540:97//AB007916
R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds.//7.7e-114:568:96//AB018347
20 R-NT2RP2003984
R-NT2RP2003986//Human Chromosome 11 pac pDJ197h17, WORKING DRAFT SEQUENCE, 11 unordered pieces.//6.6e-99:551:92//AC0003 82
R-NT2RP2003988
R-NT2RP2004014
25 R-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127, complete sequence.//4.9e-114:568:97//AC004780
R-NT2RP2004042//nbxb0020F03r CUGI Rice BAC Library Oryza sativa genomic clone nbxb0020F03r, genomic survey sequence.//0.11:195:64//AQ258389
R-nnnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 134019, WORKING DRAFT SEQUENCE.//7.6e-110:564:95//AL034555
30 R-NT2RP2004081//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.012:503:57//AC005308
R-NT2RP2004098//H.sapiens CpG island DNA genomic MseI fragment, clone 133h3, reverse read cpg133h3.rt1a.//7.9e-25:140:100//Z64530
35 R-NT2RP2004124
R-NT2RP2004142//CIT-HSP-2316F21.TR CIT-HSP Homo sapiens genomic clone 2316F21, genomic survey sequence.//2.8e-83:409:98//AQ034964
R-NT2RP2004152//HS_3065_A2_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3065 Col=8 Row=G, genomic survey sequence.//2.5e-62:304:100//AQ137776
40 R-NT2RP2004165//Anthocidaris crassispina mRNA for dynein beta-heavy chain, complete cds.//3.4e-20:343:65//D01021
R-NT2RP2004170//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B33108; HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//2.5e-89:587:86//AC004064
R-NT2RP2004172//Dictyostelium discoideum LTR-retrotransposon Skipper, partial genomic sequence, 3' end.//0.24:440:60//AF017047
45 R-NT2RP2004187//RPCI11-59E12.TK RPCI11 Homo sapiens genomic clone R-59E12, genomic survey sequence.//3.1e-05:175:66//AQ198120
R-NT2RP2004194
R-NT2RP2004196//Fugu rubripes GSS sequence, clone 076D01bE2, genomic survey sequence.//1.6e-22:178:71//AL026601
50 R-NT2RP2004207//Homo sapiens BAC clone GS421I03 from Xq25-q26, complete sequence.//0.19:175:64//AC005023
R-NT2RP2004226//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//6.1e-17:445:64//AL023808
55 R-NT2RP2004232//M.musculus (Balb/c) mRNA for serine/threonine protein kinase.//3.2e-25:326:71//Z34524
R-NT2RP2004239//Homo sapiens lok mRNA for protein kinase, complete cds.//8.7e-108:563:94//AB015718
R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cds.//1.1e-101:530:93//AF039687

- R-NT2RP2004242
R-NT2RP2004245//Homo sapiens DNA sequence from PAC 455H14 on chromosome Xq21.3-22.3. Contains genomic marker DXS1203 with a CA repeat polymorphism, STSs and GSSs, complete sequence.//5.1e-08:236:65//AL023280
- 5 R-NT2RP2004270//Lycopersicon esculentum Idh2 gene.//0.98:259:61//Y10603
R-NT2RP2004300//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1068F16, WORKING DRAFT SEQUENCE.//5.0e-14:396:65//AL023913
R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds.//1.5e-108:544:96//AF000416
R-NT2RP2004321//Caenorhabditis elegans cosmid F47B8, complete sequence.//0.0078:333:61//Z77662
- 10 R-NT2RP2004339//Homo sapiens PAC clone DJ1136G13 from 7q35-q36, complete sequence.//1.4e-75:306:86//AC005229
R-NT2RP2004347//RPC11-90N11.TJ RPC11 Homo sapiens genomic clone R-90N11, genomic survey sequence.//2.9e-87:494:92//AQ284548
R-NT2RP2004364//Human DNA sequence from clone 422F24 on chromosome 6q24.1-25.2. Contains a novel gene similar to C. elegans C02C2.5. Contains ESTs, STSs and GSSs, complete sequence.//4.2e-10:161:76//AL031010
- 15 R-NT2RP2004365//Plasmodium falciparum chromosome 2, section 70 of 73 of the complete sequence.//3.6e-08:483:57//AE001433
R-NT2RP2004366//F.rubripes GSS sequence, clone 013B16aF3, genomic survey sequence.//2.1e-05:128:67//AL000528
- 20 R-NT2RP2004373//Homo sapiens 12q24.2 BAC RPC11-407A16 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//0.81:205:62//AC006065
R-NT2RP2004389//HS_2183_B2_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=8 Row=P, genomic survey sequence.//3.9e-06:82:84//AQ063969
- 25 R-NT2RP2004392//Ceratovacuna sp. mitochondrial cytochrome oxidase I (3' end), cytochrome oxidase II (complete cds) and transfer RNA-Leu gene.//2.7e-06:495:58//L39993
R-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21, complete sequence.//6.4e-111:572:96//AC005164
R-NT2RP2004399//Arabidopsis thaliana chromosome I BAC F11M15 genomic sequence, complete sequence.//0.13:253:64//AC006085
- 30 R-NT2RP2004400//HS_3238_A2_H11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3238 Col=22 Row=O, genomic survey sequence.//5.1e-23:162:89//AQ211412
R-NT2RP2004412//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds.//2.6e-09:458:60//M97514
- 35 R-NT2RP2004425//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs, complete sequence.//0.99:481:56//AL022718
R-NT2RP2004476//Rattus norvegicus activity and neurotransmitter-induced early gene 6 (ania-6) mRNA, 3'UTR.//5.3e-99:600:90//AF030091
- 40 R-NT2RP2004490//Homo sapiens chromosome 16, P1 clone 94-10H (LANL), complete sequence.//3.9e-115:575:97//AC005591
R-NT2RP2004512//Plasmodium falciparum MAL3P3, complete sequence.//0.00034:517:58//Z98547
R-NT2RP2004523//Homo sapiens clone DJ0800G07, complete sequence.//1.8e-115:571:97//AC004890
- 45 R-NT2RP2004538//Homo sapiens BAC clone RG318C11 from 7p14-p15, complete sequence.//1.7e-47:322:87//AC005091
R-NT2RP2004551//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence.//0.035:511:58//AC005184
R-NT2RP2004568//T7C20-Sp6 TAMU Arabidopsis thaliana genomic clone T7C20, genomic survey sequence.//0.70:446:54//B08766
- 50 R-NT2RP2004580//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 136B1, WORKING DRAFT SEQUENCE.//2.2e-53:397:74//AL031768
R-NT2RP2004587//CIT-HSP-2376P22.TF CIT-HSP Homo sapiens genomic clone 2376P22, genomic survey sequence.//0.0079:223:63//AQ108976
- 55 R-NT2RP2004594//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//5.3e-10:493:62//AC004605
R-NT2RP2004600//Homo sapiens full-length insert cDNA clone ZE04E06.//2.1e-70:343:99//AF086522
R-NT2RP2004602//Homo sapiens full-length insert cDNA clone YW26E09.//2.0e-96:528:93//AF086033

R-NT2RP2004614
R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein.//7.3e-117:587:96//AJ006291
R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds.//1.8e-105:520:96//AB007929
R-NT2RP2004675//Human elastin (ELN) gene, partial cds, and LIM-kinase (LIMK1) gene, complete cds.//3.4e-22:197:79//U63721
R-NT2RP2004681//Rat notch 2 mRNA.//8.0e-30:276:78//M93661
R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds.//1.6e-118:600:96//AB014525
R-NT2RP2004709//Homo sapiens full-length insert cDNA clone ZD42A08.//3.5e-14:139:86//AF086259
R-NT2RP2004710//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 126A5, WORKING DRAFT SEQUENCE.//6.9e-117:592:96//AL031447
R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds.//4.2e-117:594:96//AB007947
R-NT2RP2004743//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.53:403:59//AC005505
R-NT2RP2004767//Human DNA sequence from PAC 491M17 on chromosome 1p36.2-1p36.3.//2.0e-81:568:84//Z97988
R-NT2RP2004775//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxidase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large and small subunits).//4.0e-08:365:62//L04272
R-NT2RP2004791//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//7.8e-111:541:98//AC005216
R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//2.5e-114:564:96//AF058953
R-NT2RP2004802
R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds.//2.7e-118:584:97//AF054179
R-NT2RP2004841//Human BAC clone RG308B22 from 7q22-q31, complete sequence.//4.0e-46:447:72//AC002089
R-NT2RP2004861//Plasmodium falciparum MAL3P5, complete sequence.//0.19:189:66//AL034556
R-NT2RP2004897//Human Chromosome X clone bWXD187, complete sequence.//1.1e-08:330:61//AC004383
R-NT2RP2004936//CIT-HSP-2374L4.TF CIT-HSP Homo sapiens genomic clone 2374L4, genomic survey sequence.//0.99:129:65//AQ110571
R-ntnnnnnnnnnn//Plasmodium falciparum MAL3P6, complete sequence.//0.014:402:61//Z98551
R-NT2RP2004961//RPC111-45P2.TK RPC111 Homo sapiens genomic clone R-45P2, genomic survey sequence.//9.3e-90:453:97//AQ202282
R-NT2RP2004962//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y40H4, WORKING DRAFT SEQUENCE.//0.017:291:61//AL022573
R-NT2RP2004967//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//4.6e-52:496:77//AC005077
R-NT2RP2004978//Homo sapiens chromosome 19, cosmid F23269, complete sequence.//0.088:322:63//AC005614
R-NT2RP2004982//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//0.025:339:61//AC003071
R-NT2RP2004985//T31H24TF TAMU Arabidopsis thaliana genomic clone T31H24, genomic survey sequence.//0.40:111:70//B78148
R-NT2RP2004999//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30 unordered pieces.//0.23:157:68//AC005682
R-NT2RP2005000
R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds.//3.0e-111:577:95//AB014515
R-NT2RP2005003//Homo sapiens Xp22-132-134 BAC GSHB-590J15 (Genome Systems Human BAC library) complete sequence.//2.4e-21:246:77//AC004673
R-ntnnnnnnnnnn//Homo sapiens SEC63 (SEC63) mRNA, complete cds.//9.5e-115:568:97//AF100141
R-NT2RP2005018//HS_3108_B1_E09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3108 Col=17 Row=J, genomic survey sequence.//1.9e-31:222:89//AQ104050
R-NT2RP2005020//Rattus norvegicus cationic amino acid transporter-1 (CAT-1) mRNA, complete cds.//6.6e-41:566:73//U70476
R-NT2RP2005031//CIT-HSP-516A2.TV CIT-HSP Homo sapiens genomic clone 516A2, genomic survey sequence.//4.1e-31:357:75//B49897
R-NT2RP2005037

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R-NT2RP2005038//Sequence 5 from patent US 5552281.//2.2e-32:178:98//I25644
R-NT2RP2005108//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence.//3.7e-23:475:67//AF009326
R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds.//8.4e-104:518:97//AB014564
5 R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein).//1.4e-67:464:85//X98743
R-NT2RP2005139
R-NT2RP2005140//Leishmania mexicana amazonensis kinetoplast (clone 29) maxicircle A+T-rich repetitive DNA sequence.//7.9e-08:460:60//U00101
10 R-NT2RP2005144//Homo sapiens chromosome 12p13.3 clone RPC111-372B4, WORKING DRAFT SEQUENCE, 129 ordered pieces.//2.5e-103:519:96//AC005911
R-NT2RP2005147//Homo sapiens clone DJ1125K23, WORKING DRAFT SEQUENCE, 21 unordered pieces.//0.068:100:75//AC004971
R-NT2RP2005159//CITBI-E1-2506A8.TF CITBI-E1 Homo sapiens genomic clone 2506A8, genomic survey sequence.//0.90:113:71//AQ262104
15 R-NT2RP2005162//Homo sapiens chromosome 17, clone HCIT307A16, complete sequence.//5.0e-14:183:75//AC003041
R-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein.//7.5e-100:513:95//AJ007509
R-NT2RP2005204
20 R-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//7.2e-119:583:97//AC005189
R-NT2RP2005239//Homo sapiens mRNA for putative tRNA splicing protein, partial.//8.4e-62:312:98//AJ010952
R-NT2RP2005254//Homo sapiens DNA sequence from PAC 262D12 on chromosome 1q23.3-24.3. Contains a Tenascin (Hexabrachion, Cytotactin, Neuronectin, Myotendinous antigen)-LIKE gene and a mitochondrial/chloroplast 30S ribosomal protein S14-LIKE gene preceded by a CpG island. Contains ESTs, genomic marker D1S2691 and STSs.//5.7e-09:328:62//Z99297
25 R-NT2RP2005270//Plasmodium falciparum MAL3P8, complete sequence.//2.3e-05:355:61//AL034560
R-NT2RP2005276//Genomic sequence for Arabidopsis thaliana BAC F17F8, complete sequence.//0.0014:541:58//AC000107
30 R-NT2RP2005287//Cavia porcellus zinc finger protein (zfoC1) mRNA, complete cds.//4.4e-69:459:86//L26335
R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds.//7.4e-124:594:98//AF060219
R-NT2RP2005289//Homo sapiens mRNA for XRP2 protein.//1.5e-110:545:96//AJ007590
R-NT2RP2005293//Leishmania mexicana amazonensis kinetoplast (clone 29) maxicircle A+T-rich repetitive DNA sequence.//1.1e-12:554:61//U00101
35 R-NT2RP2005315//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3 gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//9.5e-15:218:77//AL022069
R-NT2RP2005325//Rattus norvegicus LIM homeodomain protein (LH-2) mRNA sequence.//2.0e-72:478:88//L06804
40 R-NT2RP2005336//***ALU WARNING: Human Alu-J subfamily consensus sequence.//7.3e-33:139:82//U14567
R-NT2RP2005344//Human DNA sequence from PAC 128N22 on chromosome Xq25-Xq26.3. contains STS.//0.094:451:60//297629
R-NT2RP2005354//Homo sapiens mRNA for putative thioredoxin-like protein.//1.3e-11:89:96//AJ010841
R-NT2RP2005360//Homo sapiens clone RG023I15, WORKING DRAFT SEQUENCE, 1 unordered pieces.//0.046:266:60//AC005049
45 R-NT2RP2005393//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//6.0e-41:226:86//AC005695
R-NT2RP2005407
R-NT2RP2005436//Polistes annularis (clone pan117AAT) tandem repeat region.//0.039:169:63//L10835
50 R-NT2RP2005441//CIT-HSP-2338P5.TR CIT-HSP Homo sapiens genomic clone 2338P5, genomic survey sequence.//3.0e-38:263:88//AQ055548
R-NT2RP2005453//CIT-HSP-2367N1.TR CIT-HSP Homo sapiens genomic clone 2367N1, genomic survey sequence.//0.67:409:59//AQ079845
R-NT2RP2005457//Homo sapiens partial XPGC gene, exon 2.//2.0e-42:315:82//X71342
55 R-NT2RP2005464//CIT-HSP-2359C16.TF CIT-HSP Homo sapiens genomic clone 2359C16, genomic survey sequence.//1.0:251:60//AQ075816
R-NT2RP2005465//Drosophila melanogaster, chromosome 2R, region 44D1-44D2, P1 clone DS08616, complete sequence.//01251288:62//AC005457

- R-NT2RP2005472//Chlorarachnion CCMP621 small subunit ribosomal RNA, 5.8S ribosomal RNA, large subunit ribosomal RNA, U6 small nuclear RNA, small subunit ribosomal protein S13 (RPS13), pre-mRNA splicing factor PRP 6 homolog, small subunit ribosomal protein 4 (RPS4), small nucleolar ribonucleoprotein E homolog (snRNPE), ATP-dependent clp protease proteolytic subunit homolog (CLPP), putative RNA polymerase II subunit (RNA POLII), and RNA helicase homolog (RNAHEL) genes, complete cds.//1.0:356:59//U58510
- 5 R-NT2RP2005476//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE.//0.00092:421:60//AL031746
- R-NT2RP2005490//Homo sapiens clone NH0001P09, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.2e-71:187:100//AC006030
- 10 R-NT2RP2005491//paramecium species 5,311 mt dna dimer: replication init. region.//1.6e-10:403:62//K00917
- R-NT2RP2005495//Homo sapiens clone RG037F03, WORKING DRAFT SEQUENCE, 12 unordered pieces.//1.3e-25:208:82//AC005051
- 15 R-NT2RP2005496//Human DNA sequence from clone 354N19 on chromosome 6q22. Contains the 3' part of the gene for Mannosyl-Oligosaccharide Alpha-1,2-Mannosidase (Man(9)-alpha-mannosidase, EC 3.2.1.113), a Cytochrome C Oxidase Polypeptide I (EC 1.9.3.1) pseudogene and a pseudogene similar to 60S Ribosomal Protein L13A. Contains genomic markers D6S287 and D6S1696, ESTs, STSs, GSSs and two CA repeat polymorphisms, complete sequence.//1.5e-22:196:84//AL022722
- R-NT2RP2005498
- 20 R-NT2RP2005501//Homo sapiens chromosome 17, clone hRPK.269_G_24, complete sequence.//7e-29:252:76//AC005828
- R-NT2RP2005509//CIT-HSP-2060J6.TR CIT-HSP Homo sapiens genomic clone 2060J6, genomic survey sequence.//3.1e-53:402:84//B69979
- R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds.//9.9e-109:570:94//AF092563
- 25 R-NT2RP2005525//Human clone JkA2 mRNA induced upon T-cell activation, 3' end.//5.1e-32:175:98//U38432
- R-NT2RP2005531//Homo sapiens PAC clone DJ0870F17 from 7q33-q36, complete sequence.//0.94:288:61//AC004911
- R-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP).//2.7e-106:560:94//AJ012449
- 30 R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds.//5.3e-114:583:96//AB007963
- R-NT2RP2005549//Homo sapiens *** SEQUENCING IN PROGRESS *** , WORKING DRAFT SEQUENCE.//0.91:287:58//AJ011929
- R-NT2RP2005555//Homo sapiens 12p13.3 PAC RPCIS-927J10 (Roswell Park Cancer Institute Human PAC library) complete sequence.//3.6e-05:222:66//AC004804
- 35 R-NT2RP2005557//Homo sapiens PAC clone DJ1200I23 from 7p15, complete sequence.//8.2e-22:236:76//AC004996
- R-NT2RP2005581//Homo sapiens clone DJ0693M11, WORKING DRAFT SEQUENCE, 7 unordered pieces.//7.2e-45:286:85//AC006146
- R-NT2RP2005600//Human polymorphic microsatellite DNA.//0.043:304:58//M99148
- 40 R-NT2RP2005605//Human Cosmid g1572c190, complete sequence.//2.4e-17:163:77//AC000126
- R-NT2RP2005620
- R-NT2RP2005622//jd432 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 11B7, genomic survey sequence.//0.010:308:58//B13538
- R-NT2RP2005637//Homo sapiens PAC clone DJ0555L14 from 7q34-q36, complete sequence.//2.5e-26:322:72//AC005996
- 45 R-NT2RP2005640//Mus musculus squamous cell carcinoma antigen 2 (Scca2) gene, complete cds.//0.030:370:60//AF063937
- R-NT2RP2005645//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//3.2e-08:355:62//AE001398
- R-NT2RP2005651
- 50 R-NT2RP2005654//Leishmania major Friedlin cosmid L5769, complete sequence.//0.96:216:66//AL031908
- R-NT2RP2005669//Homo sapiens nitrilase homolog 1 (NIT1) gene, alternatively spliced product, complete cds.//6.7e-117:594:95//AF069984
- R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds.//1.8e-89:434:98//AF089814
- 55 R-NT2RP2005683//jd432 Trypanosome Shotgun M13 genomic Trypanosoma brucei brucei genomic clone 11B7, genomic survey sequence.//0.037:283:58//B13538
- R-NT2RP2005690//Homo sapiens clone DJ0425I02, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.5e-38:295:83//AC005478

R-NT2RP2005694//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-106, complete sequence.//0.0026:414:57//AL010210
R-NT2RP2005701
5 R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds.//4.1e-104:503:98//AB018342
R-NT2RP2005719//Caenorhabditis elegans cosmid LLC1, complete sequence.//0.83:275:61//Z82277
R-NT2RP2005722//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.2e-21:199:75//AL031985
R-NT2RP2005723
10 R-NT2RP2005726//Homo sapiens clone DJ0609N19, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.6e-64:503:82//AC004842
R-NT2RP2005741//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//2.5e-09:261:64//AC000384
R-NT2RP2005748//RPC111-64K11.TK RPC111 Homo sapiens genomic clone R-64K11, genomic survey sequence.//0.00039:215:66//AQ239313
15 R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds.//1.3e-40:223:96//AF068868
R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds.//3.7e-103:494:98//AF082516
R-NT2RP2005763//Homo sapiens DNA sequence from PAC 510L9 on chromosome 6p24.1-p25.3.//9.7e-34:172:86//AL022098
20 R-NT2RP2005767//Human clone H3 mRNA.//2.5e-21:179:87//U03672
R-NT2RP2005773//HS_2168_B1_G12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2168 Col=23 Row=N, genomic survey sequence.//0.99:212:63//AQ086414
R-NT2RP2005775//Rabbit mRNA for endopeptidase, complete cds.//4.8e-98:591:88//D13310
25 R-NT2RP2005781//Streptomyces sp. genomic DNA for sarcosine oxidase.//0.019:384:59//D10623
R-NT2RP2005784//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//1.8e-102:490:99//AL034423
R-NT2RP2005804//Homo sapiens chromosome 17, clone hRPK.147_L_13, complete sequence.//6.3e-16:481:63//AC005332
30 R-NT2RP2005812//Caenorhabditis elegans cosmid F15810.//0.81:147:63//AF036696
R-NT2RP2005815
R-NT2RP2005835
R-NT2RP2005841//Human DNA sequence from cosmid U209G1 on chromosome X.//1.5e-26:512:64//Z68873
R-NT2RP2005853//Human DNA sequence from clone 1156N12 on chromosome X. Contains an STS and GSSs, complete sequence.//3.7e-16:340:64//AL009047
35 R-NT2RP2005857//Human DNA sequence from cosmid U246D9 on chromosome X. Contains a histone H2B like pseudogene.//1.3e-09:331:65//AL021308
R-NT2RP2005859//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-83, complete sequence.//0.0097:363:59//AL010152
40 R-NT2RP2005868//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-18, complete sequence.//1.1e-07:508:60//AL008971
R-NT2RP2005890//Mouse oncogene (ect2) mRNA, complete cds.//2.7e-31:500:67//AL11316
R-NT2RP2005901//Homo sapiens T-cell receptor alpha delta locus from bases 752679 to 1000555 (section 4 of 5) of the Complete Nucleotide Sequence.//0.89:276:60//AE000661
45 R-NT2RP2005908
R-NT2RP2005933//Rattus norvegicus nucleoporin p54 mRNA, complete cds.//1.2e-40:285:80//U63840
R-NT2RP2005942//Homo sapiens DNA sequence from PAC 142L7 on chromosome 6q21. Contains a Laminin Alpha 4 (LAMA4) LIKE gene coding for two alternatively spliced transcripts, a Tubulin Beta LIKE pseudogene, a Connective tissue growth factor (NOV, GIG) LIKE gene, A predicted CpG island, ESTs, STSs and genomic marker D6S416, complete sequence.//0.0011:480:58//Z99289
50 R-NT2RP2005980//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete sequence.//8.9e-21:136:78//AC004616
R-NT2RP2006023//HS_2176_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2176 Col=19 Row=F, genomic survey sequence.//2.5e-66:369:95//AQ023148
55 R-NT2RP2006038//Plasmodium falciparum chromosome 2, section 6 of 73 of the complete sequence.//0.00029:408:58//AE001369
R-NT2RP2006043//Polistes annularis (clone pan117AAT) tandem repeat region.//0.032:195:62//L10835
R-NT2RP2006052//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING

DRAFT SEQUENCE, 14 unordered pieces.//0.11:263:61//AC005140
 R-NT2RP2006069
 R-NT2RP2006071//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING
 DRAFT SEQUENCE, 3 unordered pieces.//0.00044:333:61//AC004709
 5 R-NT2RP2006098//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-77, complete
 sequence.//4.1e-09:393:62//AL010151
 R-NT2RP2006100//HS_2020_A2_H02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2020 Col=4 Row=O, genomic survey sequence.//8.3e-53:304:92//AQ228761
 R-NT2RP2006103//Rat sodium-hydrogen exchange protein-isoform 3 (NHE-3) mRNA, complete cds.//1.5e-16:
 10 199:79//M85300
 R-NT2RP2006141
 R-NT2RP2006166//Human Chromosome 16 BAC clone CIT987SK-A-589H1, complete sequence.//8.2e-48:329:
 76//AC002045
 R-NT2RP2006184//RPCI11-6O16.TP RPCI-11 Homo sapiens genomic clone RPCI-11-6O16, genomic survey se-
 15 quence.//0.52:273:61//B49539
 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds.//1.9e-108:553:95//AB014554
 R-NT2RP2006196//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-57, complete
 sequence.//4.2e-05:420:59//AL008981
 R-NT2RP2006200//Homo sapiens chromosome 12p13.3 clone RPCI1-96H9, WORKING DRAFT SEQUENCE,
 20 66 unordered pieces.//2.1e-100:409:96//AC006057
 R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein.//3.8e-93:532:90//X96484
 R-NT2RP2006237//P.falciparum PK1 gene.//2.9e-08:481:59//X83707
 R-NT2RP2006238//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//3.5e-79:405:
 89//U91318
 25 R-NT2RP2006258//Human PAC clone DJ0899B21 from 7p15-p21, complete sequence.//2.2e-08:283:63//
 AC004008
 R-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK.//6.2e-13:234:68//X97630
 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds.//2.0e-108:542:97//AF035262
 R-NT2RP2006320//347J16.TVB CIT978SKA1 Homo sapiens genomic clone A-347J16, genomic survey se-
 30 quence.//1.2e-27:215:65//B17768
 R-NT2RP2006321//Human karyopherin beta 3 mRNA, complete cds.//1.7e-48:298:90//U72761
 R-NT2RP2006323//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 702J19, WORKING
 DRAFT SEQUENCE.//2.8e-104:524:96//AL033531
 R-NT2RP2006333//Homo sapiens PAC clone DJ0808A01 from 7q21.1-q31.1, complete sequence.//3.9e-33:298:
 35 78//AC004893
 R-NT2RP2006334
 R-NT2RP2006365//RPCI11-72I15.TK RPCI11 Homo sapiens genomic clone R-72I15, genomic survey sequence.//
 2.6e-35:217:92//AQ267043
 R-NT2RP2006393//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B13E4;
 40 HTGS phase 1, WORKING DRAFT SEQUENCE, 10 unordered pieces.//8.0e-40:317:81//AC004046
 R-NT2RP2006436//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING
 DRAFT SEQUENCE.//3.2e-42:184:86//AL022345
 R-NT2RP2006441//Plasmodium falciparum microsatellite TA80 sequence.//0.00021:188:68//AF010568
 R-NT2RP2006454//Plasmodium falciparum chromosome 2, section 60 of 73 of the complete sequence.//0.30:265:
 45 60//AE001423
 R-NT2RP2006456//Homo sapiens clone 23566 mRNA sequence.//2.5e-104:532:96//AF052098
 R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein.//6.6e-108:524:97//AJ006266
 R-NT2RP2006467//Sequence 50 from patent US 5691147.//8.3e-22:235:74//I76222
 R-NT2RP2006472//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1172A22, WORKING
 50 DRAFT SEQUENCE.//5.4e-12:407:62//AL034386
 R-NT2RP2006534//Dictyostelium discoideum actin 8 gene, 3' UTR.//0.44:111:65//M25216
 R-NT2RP2006554//Plasmodium falciparum chromosome 2, section 7 of 73 of the complete sequence.//0.19:392:
 58//AE001370
 R-NT2RP2006565//Sus scrofa SCAMP 1 gene, exon 9.//1.5e-13:292:68//AJ223742
 55 R-NT2RP2006571//Homo sapiens chromosome 19, cosmid F17972, complete sequence.//0.0024:409:58//
 AC004660
 R-nnnnnnnnnnnn//Human BRCA2 region, mRNA sequence CG005.//3.3e-16:334:64//U50532
 R-NT2RP2006598//Mus musculus retinoid X receptor interacting protein (RIP110) mRNA, partial cds.//1.6e-19:

448:64//U22015
R-NT2RP3000002//Human DNA sequence from cosmid N104C7 on chromosome 22, complete sequence.//4.4e-14:501:63//Z82246
R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21).//5.9e-115:560:97//AJ011972
5 R-NT2RP3000046//Homo sapiens clone DJ0042M02, WORKING DRAFT SEQUENCE, 20 unordered pieces.//3.9e-57:402:83//AC005995
R-NT2RP3000047//Homo sapiens chromosome 17, clone hRPK.138_P_22, complete sequence.//1.0:158:66//AC005697
10 R-NT2RP3000050//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 451B21, WORKING DRAFT SEQUENCE.//2.7e-32:411:69//AL033522
R-NT2RP3000055//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1000N6, WORKING DRAFT SEQUENCE.//7.9e-17:309:69//AL034378
R-NT2RP3000072//Brassica rapa DNA for S-locus glycoprotein, complete cds.//2.9e-07:516:60//D88192
15 R-NT2RP3000080//Homo sapiens clone DJ1129D05, complete sequence.//1.7e-27:186:90//AC005630
R-NT2RP3000085//Arabidopsis thaliana acetyl-CoA carboxylase biotin-containing subunit mRNA, nuclear gene encoding chloroplast protein, complete cds.//0.0051:289:59//U-23155
R-NT2RP3000109//HS_3065_A2_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate-3065 Col=8 Row=G, genomic survey sequence.//2.5e-62:304:100//AQ137776
20 R-NT2RP3000134//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING DRAFT SEQUENCE.//0.027:414:57//AL031746
R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds.//3.8e-115:578:96//AB011164
R-NT2RP3000149//Homo sapiens chromosome 17, clone hRPK.332_H_18, complete sequence.//1.3e-67:354:95//AC005746
25 R-NT2RP3000186
R-NT2RP3000197//Human DNA sequence from PAC 181N1 on chromosome X contains ESTs, STS polymorphic CA repeat*.//2.5e-31:295:78//Z82899
R-NT2RP3000207//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-954B10, complete sequence.//0.016:305:61//AC004514
30 R-NT2RP3000220//RPC111-63O7.TJ RPC111 Homo sapiens genomic clone R-63O7, genomic survey sequence.//0.25:118:66//AQ201832
R-NT2RP3000233//Plasmodium falciparum mRNA for major merozoite surface antigen gp195.//3.2e-11:440:59//X15063
R-NT2RP3000235//Mus musculus chromosome 6 clone TB6 subclone TB6pD1//0.81:114:64//U19530
35 R-NT2RP3000247//Homo sapiens DNA sequence from clone 326L12 on chromosome Xq27.1 27.3. Contains the cancer/testis antigen CT7 (melanoma-associated antigen MAGE-C1) gene, two MAGE family pseudogenes, STSs and a CA repeat polymorphism, complete sequence.//4.8e-73:362:86//AL023279
R-NT2RP3000251//Homo sapiens chromosome 17, clone hRPK.192_H_23, complete sequence.//0.025:131:66//AC005726
40 R-NT2RP3000252
R-NT2RP3000255//HS-1025-B2-F08-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 804 Col=16 Row=L, genomic survey sequence.//0.67:119:66//B34879
R-NT2RP3000267
45 R-NT2RP3000299//Rattus norvegicus mRNA for Crk-associated substrate, p130, complete cds.//1.2e-23:424:69//D29766
R-NT2RP3000312//Plasmodium falciparum MAL3P4, complete sequence.//0.55:414:59//AL008970
R-NT2RP3000320//HS_3056_A1_C03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3056 Col=5 Row=E, genomic survey sequence.//4.1e-32:214:89//AQ134064
50 R-NT2RP3000324//Rattus norvegicus potassium channel regulator 1 mRNA, complete cds.//1.5e-22:265:75//U78090
R-NT2RP3000333//Plasmodium falciparum MAL3P6, complete sequence.//0.68:460:57//Z98551
R-NT2RP3000341//H.sapiens mRNA for TIM17 preprotein translocase.//1.4e-19:137:90//X97544
R-NT2RP3000348//CITBI-E1-2513C11.TF CITBI-E1 Homo sapiens genomic clone 2513C11, genomic survey sequence.//0.0014:118:72//AQ278177
55 R-NT2RP3000350
R-NT2RP3000359//Homo sapiens clone NH0319F03, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.8e-55:320:75//AC006039
R-NT2RP3000361//Homo sapiens mRNA for KIAA0552 protein, complete cds.//0.18:275:61//AB011124

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AL005927
R-NT2RP3000665//Human chromosome 11 46b2 cosmid, complete sequence.//2.1e-42:526:72//U73645
R-NT2RP3000685//HS_3007_A2_F02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=4 Row=K, genomic survey sequence.//1.6e-101:506:97//AQ118425
5 R-NT2RP3000690//Plasmodium falciparum MAL3P6, complete sequence.//1.3e-13:411:61//Z98551
R-NT2RP3000736
R-NT2RP3000742//Rattus norvegicus phospholipase C delta-4 mRNA, complete cds.//0.0071:231:65//U16655
R-NT2RP3000753//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted
10 tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//0.88:366:56//AL021368
R-NT2RP3000759//HS_2055_A2_D09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=18 Row=G, genomic survey sequence.//0.45:251:60//AQ234828
15 R-NT2RP3000815//Homo sapiens chromosome 17, clone hRPK.209_J_20, complete sequence.//2.0e-20:293:72//AC005822
R-NT2RP3000825//Plasmodium falciparum MAL3P6, complete sequence.//0.0044:325:62//Z98551
R-NT2RP3000826//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1177I5, WORKING DRAFT SEQUENCE.//5.3e-25:375:72//AL022315
20 R-NT2RP3000836//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORKING DRAFT SEQUENCE.//1.3e-19:181:81//AL022344
R-NT2RP3000841//Homo sapiens, clone hRPK.1_A_1, complete sequence.//0.20:226:61//AC006196
R-NT2RP3000845//Homo sapiens chromosome 19, cosmid R33632, complete sequence.//6.8e-91:512:92//AC005781
25 R-NT2RP3000847//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//7.9e-38:179:86//U14572
R-NT2RP3000850//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//4.4e-48:505:76//AC005014
R-NT2RP3000852//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//2.9e-82:311:98//AL031297
30 R-NT2RP3000859
R-NT2RP3000865//Human DNA sequence from clone 23K20 on chromosome Xq25-26.2 Contains EST, STS, GSS, complete sequence.//1.2e-15:482:63//AL022153 R-NT2RP3000868//Fruitfly strain g20 mitochondrial DNA, A+T-rich region, partial sequence.//0.00045:260:59//AB003097
R-NT2RP3000869//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 330012, WORKING
35 DRAFT SEQUENCE.//0.0058:172:64//AL031731
R-NT2RP3000875//H.sapiens /Hepatitis B virus fusion mRNA for mevalonate kinase.//1.4e-99:531:93//X75311
R-NT2RP3000901
R-NT2RP3000904//Genomic sequence for Arabidopsis thaliana BAC T7N9, complete sequence.//0.32:261:57//AC000348
40 R-NT2RP3000917//Plasmodium falciparum MAL3P7, complete sequence.//0.00092:456:58//AL034559
R-NT2RP3000919
R-NT2RP3000968//H.sapiens mRNA for ribosomal protein S15a.//4.5e-24:375:71//X84407
R-NT2RP3000980//Homo sapiens chromosome 17, clone hRPK.855_D_21, complete sequence.//0.36:186:62//AC006079
45 R-NT2RP3000994//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.00052:413:60//AC005140
R-NT2RP3001004//Saccharomyces cerevisiae VAR1 gene, mitochondrial gene encoding mitochondrial protein, 3' processing site, partial sequence.//1.1e-07:330:64//U32857
R-NT2RP3001007//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-82, complete
50 sequence.//0.045:286:61//AL010255
R-NT2RP3001055//Human DNA sequence from PAC 27K14 on chromosome Xp11.3-Xp11.4. Contains monoamine oxidase B (MAOB), ESTs and polymorphic CA repeats.//2.3e-56:348:91//Z95125
R-NT2RP3001057//H.sapiens HZF4 mRNA for zinc finger protein.//8.2e-84:531:86//X78927
R-NT2RP3001081//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P3, WORKING
55 DRAFT SEQUENCE.//1.1e-08:537:60//AL031746
R-NT2RP3001084
R-NT2RP3001096
R-NT2RP3001107

R-nnnnnnnnnnn//Human Chromosome 15q26.1 PAC clone pDJ10k5 containing human DNA polymerase gamma (polg) gene, complete sequence.//7.4e-62:272:73//AC005316
R-NT2RP3001111
R-NT2RP3001113
5 R-NT2RP3001115//Homo sapiens PAC clone DJ0905J08 from 7p12-p14, complete sequence.//7.2e-112:550:97//AC005189
R-NT2RP3001116//CIT-HSP-2282K23.TR CIT-HSP Homo sapiens genomic clone 2282K23, genomic survey sequence.//0.000.13.160:69//AQ002011
R-NT2RP3001119//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from
10 gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island, complete sequence.//5.9e-99:497:96//AL031864
R-NT2RP3001120
R-NT2RP3001126//Plasmodium falciparum MAL3P7, complete sequence.//0.035:266:56//AL034559
R-NT2RP3001133
15 R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds.//8.1e-114:549:97//AB018305
R-NT2RP3001147//Homo sapiens chromosome 17, clone HCIT187M2, complete sequence.//0.69:198:63//AC004448
R-NT2RP3001150//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING DRAFT SEQUENCE.//2.4e-108:542:97//AL034379
20 R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein.//2.9e-116:563:98//AJ006266
R-NT2RP3001176//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.44:227:62//AC004688
R-NT2RP3001214//Borrelia burgdorferi plasmid lp25, complete plasmid sequence.//0.0023:381:61//AE000785
R-NT2RP3001216//RPCI11-18C15.TPC RPCI-11 Homo sapiens genomic clone RPCI-11-18C15, genomic survey
25 sequence.//7.0e-29:167:97//B88077
R-NT2RP3001221//Homo sapiens clone 14503, WORKING DRAFT SEQUENCE, 1 ordered pieces.//0.020:211:63//AC005827
R-NT2RP3001232//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//2.7e-08:390:62//AL021326
30 R-NT2RP3001236//RPCI11-25C17.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-25C17, genomic survey sequence.//9.5e-41:217:88//AQ014003
R-NT2RP3001239//Human microtubule-associated protein 1B (MAP1B) gene, complete cds.//2.9e-21:438:63//L06237
35 R-NT2RP3001245//Homo sapiens DNA sequence from PAC 964D12 on chromosome 1q24-q25. Contains EST, GSS.//0.00026:439:59//AL021398
R-NT2RP3001253//HS_3002_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3002 Col=24 Row=O, genomic survey sequence.//0.98:190:63//AQ251982
R-NT2RP3001260
40 R-NT2RP3001268//Homo sapiens clone DJ0959C21, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.012:509:57//AC004936
R-NT2RP3001272//Homo sapiens BAC clone NH0161H12 from 7p14-p15, complete sequence.//2.2e-22:134:87//AC005589
R-NT2RP3001274//Sequence 11 from Patent WO9517522.//0.0058:133:66//A45341
45 R-NT2RP3001281//Human DNA sequence from PAC 52D1 on chromosome Xq21. Contains CA repeats, STS.//4.4e-55:558:76//Z96811
R-NT2RP3001307//HS_2058_A1_C06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=11 Row=E, genomic survey sequence.//7.2e-33:260:86//AQ305868
R-NT2RP3001318//Homo sapiens PAC clone DJ0649P17 from 7q11.23-q21, complete sequence.//0.27:210:65//AC004848
50 R-NT2RP3001325
R-NT2RP3001338//Rat tropoelastin gene, intron 17 (partial).//1.0:184:64//M86367
R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds.//1.2e-112:566:96//AB007920
R-NT2RP3001340//Homo sapiens HMG box factor SOX-13 mRNA, complete cds.//3.2e-86:450:95//AF083105
55 R-NT2RP3001355
R-NT2RP3001374//HS_2184_A2_G04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2184 Col=8 Row=M, genomic survey sequence.//3.7e-10:101:84//AQ024647
R-NT2RP3001383//Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence.//7.4e-07:

279:63//AE001397
R-NT2RP3001384//Homo sapiens chromosome 19, cosmid R33907, complete sequence.//4.4e-75:382:97//AC005785
5 R-NT2RP3001392//HS_3078_B2_D05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3078 Col=10 Row=H, genomic survey sequence.//1.0:164:64//AQ140587
R-NT2RP3001396//RPCI11-63N18.TJ RPCI11 Homo sapiens genomic clone R-63N18, genomic survey sequence.//0.14:242:61//AQ238544
R-NT2RP3001398//Mus musculus zinc finger protein (Zfp64) mRNA, complete cds.//1.8e-10:193:72//U49046
10 R-NT2RP3001399
R-NT2RP3001407//Caenorhabditis elegans cosmid D1046, complete sequence.//0.0011:392:60//Z68160
R-NT2RP3001420//Human BAC clone GS165I04 from 7q21, complete sequence.//3.7e-29:412:74//AC002379
R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence.//1.1e-104:550:94//AF052158
R-NT2RP3001427//Caenorhabditis elegans cosmid K11D5.//0.39:174:64//U53152
R-nnnnnnnnnnnn//Human nuclear pore complex-associated protein TPR (tpr) mRNA, complete cds.//1.4e-94:533:
15 91//U69668
R-NT2RP3001432//Homo sapiens DNA sequence from PAC 164C20 on chromosome 6q16.1-22.1. Contains ESTs and GSSs (BAC end sequences), complete sequence.//2.5e-12:415:61//AL009029
R-NT2RP3001447//Homo sapiens PAC clone DJ0828B12 from 7q11.23-q21.1, complete sequence.//5.6e-36:358:77//AC004903
20 R-NT2RP3001449//Homo sapiens clone 24497 mRNA sequence.//1.5e-100:499:97//AF070630
R-NT2RP3001453//Homo sapiens clone DJ0852024, WORKING DRAFT SEQUENCE, 2 unordered pieces.//4.0e-47:295:86//AC004906
R-NT2RP3001457
R-NT2RP3001459
25 R-NT2RP3001472//Crithidia fasciculata kinetoplast apocytochrome b gRNA-mRNA chimera, clone:24.//0.33:150:66//D13030
R-NT2RP3001490//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, complete sequence.//2.3e-08:483:60//AL010208
R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds.//4.4e-60:338:93//U13395
30 R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds.//2.1e-110:549:97//AF064801
R-NT2RP3001527//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//5.3e-32:310:78//AL034549
R-NT2RP3001529//Human Chromosome X, complete sequence.//5.5e-67:280:93//AC002420
35 R-NT2RP3001538
R-NT2RP3001554//Human microtubule-associated protein 1a (MAP1A) mRNA, complete cds.//7.8e-16:391:62//U38292
R-NT2RP3001580//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.00026:456:58//AC004688
40 R-NT2RP3001587//Homo sapiens HRIHFB2115 mRNA, partial cds.//5.6e-08:86:88//AB015337
R-NT2RP3001589//Homo sapiens chromosome 17, clone hRPK.1096_G_20, complete sequence.//0.066:360:60//AC005410
R-NT2RP3001607//CIT-HSP-2010M8.TR CIT-HSP Homo sapiens genomic clone 2010M8, genomic survey sequence.//0.041:194:67//B53490
45 R-NT2RP3001608//Human DNA sequence from PAC 296K21 on chromosome X contains cytokeratin exon, delta-aminolevulinic synthase (erythroid); 5-aminolevulinic acid synthase.(EC 2.3.1.37). 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase (EC 2.7.1.105, EC 3.1.3.46), ESTs and STS.//0.69:151:64//Z83821
R-NT2RP3001621//Human DNA sequence from clone 24o18 on chromosome 6p21:31-22.2 Contains zinc finger protein pseudogene, VNO-type olfactory receptor pseudogene, nuclear envelope pore membrane protein, EST, STS, GSS, complete sequence.//1.4e-46:354:83//AL021808
50 R-NT2RP3001629//H.sapiens simple DNA sequence region clone wg1a10.//0.99:137:63//X76572
R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds.//8.5e-108:541:96//AF099149
R-NT2RP3001642
R-NT2RP3001646//HS_3218_A2_A01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=2 Row=A, genomic survey sequence.//2.6e-32:215:91//AQ303003
55 R-NT2RP3001671//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-88, complete sequence.//0.018:262:61//AL010157
R-NT2RP3001672

- R-NT2RP3001676//Homo sapiens cosmid Q95D4, chromosome 21 5' of IFNAR2.//2.1e-48:413:77//AF039905
- R-NT2RP3001678//RPC111-50C17.TK RPC111 Homo sapiens genomic clone R-50C17, genomic survey sequence.//0.15:232:62//AQ116359
- 5 R-NT2RP3001679//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//7.8e-104:549:95//AB020860
- R-NT2RP3001688//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//6.6e-41:291:86//AC006019
- R-NT2RP3001690//Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence.//3.1e-07:433:59//AE001415
- 10 R-NT2RP3001708//Homo sapiens allele 14 fragile site locus (FRA10B) minisatellite sequence.//6.0e-06:237:64//AF053523
- R-NT2RP3001712//CITBI-E1-2516N9.TF CITBI-E1 Homo sapiens genomic clone 2516N9, genomic survey sequence.//1.5e-95:456:99//AQ279562
- R-NT2RP3001716//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//0.0012:346:58//AC004617
- 15 R-NT2RP3001724//Human HepG2 3' region MboI cDNA, clone hmd6a06m3.//1.3e-27:163:95//D17273
- R-NT2RP3001730//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING DRAFT SEQUENCE.//7.6e-43:409:76//Z98200
- R-NT2RP3001739
- 20 R-NT2RP3001752//Human clone 23774 mRNA sequence.//1.9e-08:104:84//U79279
- R-NT2RP3001753//CIT-HSP-2379P21.TF CIT-HSP Homo sapiens genomic clone 2379P21, genomic survey sequence.//8.8e-06:102:78//AQ113378
- R-NT2RP3001764
- R-NT2RP3001777//Human mRNA for heparan sulfate proteoglycan (glypican).//0.99:166:66//X54232
- 25 R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds.//1.3e-111:549:97//AB007928
- R-NT2RP3001792//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//1.6e-32:266:83//U13262
- R-NT2RP3001799//H.sapiens mRNA for OX40 homologue.//8.5e-44:374:79//X75962
- R-NT2RP3001819
- 30 R-NT2RP3001844//Caenorhabditis elegans cosmid C54G7.//0.0042:231:63//U40410
- R-NT2RP3001854//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2), CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//1.0:404:59//AF030694
- R-NT2RP3001855
- 35 R-NT2RP3001896//CIT978SK-A-686F10.TV CIT978SK Homo sapiens genomic clone A-636F10, genomic survey sequence.//0.0012:68:82//AQ116409
- R-NT2RP3001898//Homo sapiens Chromosome 11p15.5 PAC clone pDJ754h15 containing cdk-inhibitor p57/KIP2 (CDKN1C) gene, complete sequence.//0.37:266:65//AC005950
- R-NT2RP3001915//Human BAC clone RG367O17 from 7p15-p21, complete sequence.//0.018:144:66//AC002486
- 40 R-NT2RP3001926//Human polyadenylate binding protein (TIA-1) mRNA, complete cds.//2.4e-10:77:100//M77142
- R-NT2RP3001929
- R-NT2RP3001931//Homo sapiens full-length insert cDNA clone YU73B11.//1.0e-110:562:96//AF087969
- R-NT2RP3001938//Human DNA sequence from PAC 447B16 on chromosome Xq13.1-Xq13.3.//0.38:386:56//Z95328
- 45 R-NT2RP3001943//Homo sapiens chromosome 5, P1 clone 1076B9 (LBNL H14), complete sequence.//0.87:298:61//AC004500
- R-NT2RP3001944//Bos taurus clone CSSM056 satellite DNA sequence.//0.0095:76:78//U03836
- R-NT2RP3001969//Homo sapiens chromosome 12p13.3 clone RPC111-350L7, WORKING DRAFT SEQUENCE, 72 unordered pieces.//7.0e-109:552:96//AC005844
- 50 R-NT2RP3001989//Caenorhabditis elegans cosmid C01A2, complete sequence.//0.15:111:68//Z81029
- R-NT2RP3002002//Plasmodium falciparum 14-3-3 protein gene, partial cds.//0.016:286:60//AF065987
- R-NT2RP3002004//H.sapiens mRNA for FAST kinase.//5.1e-41:335:82//X86779
- R-NT2RP3002007
- R-NT2RP3002014//Human DNA sequence from clone 228A9 on chromosome 22q12.3-13.32 Contains 85 KDA CALCIUM-INDEPENDENT PHOSPHOLIPASE A2, EST, GSS, CpG island, complete sequence.//6.6e-41:297:86//AL022322
- 55 R-NT2RP3002033
- R-NT2RP3002045//Drosophila melanogaster fat protein (fat) gene, complete cds.//0.77:320:60//M80537

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R-NT2RP3002054//Caenorhabditis elegans cosmid Y69H2, complete sequence.//0.82:362:57//Z98877
 R-NT2RP3002056//F.rubripes GSS sequence, clone 020E22bF7, genomic survey sequence.//0.010:185:63//Z87006
 R-NT2RP3002057
 5 R-NT2RP3002062//Human BAC clone RG356F09 from 7p21, complete sequence.//1.7e-17:164:81//AC004002
 R-nnnnnnnnnnnnn
 R-NT2RP3002081//HS_3082_A1_G09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3082 Col=17 Row=M, genomic survey sequence.//4.2e-25 :344:73//AQ122260
 R-NT2RP3002097//Homo sapiens Xp22-150 BAC GSHB-309P15 (Genome Systems Human BAC Library) com-
 10 plete sequence.//2.6e-23:212:80//AC006210
 R-NT2RP3002102//Homo sapiens BAC clone RG290G13 from 7q21, complete sequence.//0.43:168:64//
 AC004746
 R-NT2RP3002108//CIT-HSP-2346P16.TF CIT-HSP Homo sapiens genomic clone 2346P16, genomic survey se-
 quence.//3.5e-08:110:78//AQ059071
 15 R-NT2RP3002146//Streptococcus gordonii competence factor (comC) and histidine protein kinase (comD) genes,
 complete cds, and response regulator (comE) gene, partial cds.//0.11:534:55//U80077
 R-NT2RP3002147//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329F2, WORKING
 DRAFT SEQUENCE.//4.1e-108:551:96//AL031710
 R-NT2RP3002151//Mus musculus mRNA for Guanine Nucleotide Regulatory Protein, complete cds.//6.8e-62:347:
 20 80//AB003503
 R-NT2RP3002163//Anolis pulchellus vitellogenin mRNA, partial cds.//0.77:281:63//U46857
 R-NT2RP3002165
 R-NT2RP3002166//D.sargus satellite DNA (clone PSE3).//0.81:124:62//Z48711
 R-NT2RP3002173
 25 R-NT2RP3002181//HS-1042-A2-F01-MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone
 Plate=CT 824 Col=2 Row=K, genomic survey sequence.//1.3e-35:305:81//B36980
 R-NT2RP3002244//Caenorhabditis elegans cosmid R11E3.//0.0024:393:61//AF100669
 R-NT2RP3002248//Human DNA sequence from PAC 170A21 on chromosome 22q12-qter contains ESTs.//0.30:
 217:63//Z82189
 30 R-NT2RP3002255
 R-NT2RP3002273//Homo sapiens BAC clone 393I22 from 8q21, complete sequence.//0.84:463:57//AF070717
 R-NT2RP3002276//HS_2260_A1_MF_E07 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2260 Col=13 Row=I, genomic survey sequence.//0.0017:198:63//AQ292491
 R-NT2RP3002303//Human HMG-17 gene for non-histone chromosomal protein HMG-17.//7.4e-93:510:93//
 35 X13546
 R-NT2RP3002304//Human BAC clone GS188P18, complete sequence.//6.3e-09:477:59//AC000115
 R-NT2RP3002330//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
 DRAFT SEQUENCE, 4 unordered pieces.//0.087:388:58//AC004688
 R-NT2RP3002343
 40 R-NT2RP3002351//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//0.20:489:56//AC004617
 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene.//2.4e-104:516:94//Y15164
 R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds.//4.7e-102:524:95//AB014578
 R-NT2RP3002484
 R-NT2RP3002501//Human DNA sequence from PAC 92M18, BRCA2 gene region chromosome 13q12-13 con-
 45 tains BRCA2 exons 25, 26 and 27 ESTs and STS.//5.2e-17:232:75//Z73359
 R-NT2RP3002512
 R-NT2RP3002529//CIT-HSP-2340H2.TR CIT-HSP Homo sapiens genomic clone 2340H2, genomic survey se-
 quence.//0.81:266:58//AQ057387
 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds.//3.3e-82:438:94//AB018272
 50 R-NT2RP3002549//Medicago truncatula ENBP1 gene, exons 1 to 12.//0.95:381:56//AJ002479
 R-NT2RP3002566//HS_2036_A1_D08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2036 Col=15 Row=G, genomic survey sequence.//0.18:162:64//AQ230627
 R-NT2RP3002587//Homo sapiens clone DJ1090E20, WORKING DRAFT SEQUENCE, 4 unordered pieces.//5.1e-
 15:213:73//AC004956
 55 R-NT2RP3002590//Arabidopsis thaliana genomic DNA; chromosome 5, P1 clone: MXK3, complete sequence.//
 0.00010:431:59//AB019236
 R-NT2RP3002602//Mus musculus stannin gene, complete cds.//1.6e-20:339:70//AF030522
 R-NT2RP3002603

R-NT2RP3002631//Homo sapiens chromosome 21 PAC
 RPCIP704A9190Q2.//1.0:241:59//AJ006997
 R-NT2RP3002659//Rat sodium-hydrogen exchange protein-isoform 3 (NHE-3) mRNA, complete cds.//6.8e-24:
 331:76//M85300
 5 R-NT2RP3002660//H.sapiens partial gene for progesterone receptor and Alu element DNA.//9.8e-43:273:82//
 Z49816
 R-NT2RP3002663//Lymnaea stagnalis 16S ribosomal RNA gene, mitochondrial gene encoding ribosomal RNA,
 partial sequence.//0.60:300:59//U82072
 R-NT2RP3002671//S.pombe chromosome III cosmid c553.//1.2e-20:399:66//AL023704
 10 R-NT2RP3002682//RPCI11-44K6.TJ RPCI11 Homo sapiens genomic clone R-44K6, genomic survey sequence.//
 4.7e-09:122:77//AQ202481
 R-NT2RP3002687//P.falciparum complete gene map of plastid-like DNA (IR-B).//1.1e-07:494:59//X95276
 R-NT2RP3002688//Human 7SL RNA sequence.//2.7e-32:290:79//X01037
 R-NT2RP3002701
 15 R-NT2RP3002713//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167A19, WORKING
 DRAFT SEQUENCE.//0.95:334:59//AL031427
 R-NT2RP3002763//***ALU WARNING: Human Alu-J subfamily consensus sequence.//3.9e-40:288:85//U14567
 R-NT2RP3002770//R.prowazekii genomic DNA fragment (clone A615F).//0.21:174:63//Z82710
 R-NT2RP3002785//Homo sapiens PAC clone DJ0170D19 from Xq23, complete sequence.//0.78:354:59//
 20 AC004822
 R-NT2RP3002799//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flank-
 ing repeat regions.//1.1e-20:161:77//AF003528
 R-NT2RP3002810//Caenorhabditis elegans cosmid F10D2.//0.28:441:56//AF022972
 R-NT2RP3002818//HS_3053_A2_A08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=3053 Col=16 Row=A, genomic survey sequence.//0.19:220:60//AQ135025
 R-NT2RP3002861//P.falciparum complete gene map of plastid-like DNA (IR-B).//9.3e-05:414:60//X95276
 R-NT2RP3002869//Homo sapiens chromosome 19, cosmid F21967, complete sequence.//0.14:165:64//
 AC005256
 R-NT2RP3002876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 50024, WORKING
 30 DRAFT SEQUENCE.//2.6e-59:311:96//AL034380
 R-NT2RP3002877//Homo sapiens Xp22 bins 87-93 PAC RPCI1-122K4 (Roswell Park Cancer Institute Human
 PAC Library) complete sequence.//4.6e-24:422:63//AC003035
 R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds.//4.7e-109:570:95//AB018314
 R-NT2RP3002911//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//3.1e-16:471:64//
 35 AC005014
 R-NT2RP3002948//, complete sequence.//4.5e-94:516:93//AC005500
 R-NT2RP3002953//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//3.4e-111:
 566:96//AC005754
 R-NT2RP3002955//Plasmodium falciparum chromosome 2, section 28 of 73 of the complete sequence.//0.19:424:
 40 58//AE001391
 R-NT2RP3002969//Rat mRNA for brain acyl-CoA synthetase II, complete cds.//1.1e-89:562:88//D30666
 R-NT2RP3002972//Stealth virus 5 clone C1311 T7 genomic sequence.//1.0:122:67//AF067482
 R-NT2RP3002978//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 455J7, WORKING
 DRAFT SEQUENCE.//4.8e-05:249:63//AL031733
 45 R-NT2RP3002988//Human DNA sequence from PAC 106H8 on chromosome 1q24. Contains PHOSPHATI-
 DYLINISITOL-GLYCAN class C (PIG-C) and DYNAMIN-3 genes. Contains ESTs and STSs and a CpG island.//
 0.0097:246:67//Z97195
 R-NT2RP3003008//Mus musculus major histocompatibility locus class III regions Hsc70t gene, partial cds; smRNP,
 G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26 genes, complete cds; and unknown genes.//1.9e-24:
 50 188:78//AF109905
 R-NT2RP3003032//Arabidopsis thaliana (clone DW1) DNA retrotransposon Ta11-1 integration site.//5.3e-07:376:
 63//L47211
 R-NT2RP3003059//Homo sapiens chromosome 3, clone hRPK.165_I_16, complete sequence.//1.4e-13:323:66//
 AC005669
 55 R-NT2RP3003061//Homo sapiens mRNA from HIV associated non-Hodgkin's lymphoma (clone hll-10).//3.8e-42:
 265:91//Y16708
 R-NT2RP3003068//HS_3214_B2_G09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3214 Col=18 Row=N, genomic survey sequence.//0.025:207:64//AQ181894

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R-NT2RP3003071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING DRAFT SEQUENCE.//0.00014:329:60//Z98044

R-NT2RP3003078//T26A1TF TAMU Arabidopsis thaliana genomic clone T26A1, genomic survey sequence.//0.95:219:63//B27013

5 R-NT2RP3003101//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.4e-05:285:62//AC004153

R-NT2RP3003121//Homo sapiens full-length insert cDNA clone ZD62D10.//2.1e-47:242:98//AF086348

R-NT2RP3003133//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 228H13, WORKING DRAFT SEQUENCE.//1.4e-21:199:75//AL031985

10 R-NT2RP3003138//Mouse kif4 mRNA for microtubule-based motor protein KIF4, complete cds.//5.1e-14:287:68//D12646

R-NT2RP3003139//Rattus norvegicus kappa opioid receptor gene, exon 4 and complete cds.//1.5e-13:122:80//U17995

R-NT2RP3003150

15 R-NT2RP3003157//Homo sapiens 12q15 BAC GSHB-410F4 (Genome Systems Human Bac Library) complete sequence.//5.5e-42:289:74//AC005294

R-NT2RP3003185//HS_2058_A1_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2058 Col=5 Row=O, genomic survey sequence.//0.025:52:94//AQ231298

R-NT2RP3003193//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//4.8e-40:349:79//AC005701

20 R-NT2RP3003197//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 364I1, WORKING DRAFT SEQUENCE.//5.2e-10:180:71//AL031319

R-NT2RP3003203//Mus musculus IFN alpha-treated embryonic fibroblast mRNA.//1.8e-11:148:77//U51904

R-NT2RP3003204//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 892F13, WORKING DRAFT SEQUENCE.//6.6e-41:282:86//AL009183

25 R-NT2RP3003212//Homo sapiens full-length insert cDNA clone ZB91B11.//1.7e-68:363:95//AF086173

R-NT2RP3003230//Caenorhabditis elegans cosmid T12B5.//0.0018:279:64//AF100307

R-NT2RP3003242//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//1.0:346:57//AC005272

30 R-NT2RP3003251//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence.//2.5e-10:436:62//AC003083

R-NT2RP3003264//CIT-HSP-2296M7.TR CIT-HSP Homo sapiens genomic clone 2296M7, genomic survey sequence.//5.8e-05:308:61//AQ005862

R-NT2RP3003278//Human HepG2 partial cDNA, clone hmd3b11m5.//9.4e-47:302:89//D17022

35 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds.//7.4e-101:550:93//L36983

R-NT2RP3003290//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING DRAFT SEQUENCE.//3.0e-22:228:78//AL031662

R-NT2RP3003301

R-NT2RP3003302//CIT-HSP-2319H19.TF CIT-HSP Homo sapiens genomic clone 2319H19, genomic survey sequence.//1.5e-69:367:95//AQ034950

40 R-NT2RP3003311//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//5.1e-08:398:64//AC005505

R-NT2RP3003313//Caenorhabditis elegans cosmid F39B1, complete sequence.//0.00022:436:58//Z69660

R-NT2RP3003327//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-237H1 ~complete genomic sequence, complete sequence.//1.5e-16:334:70//AC002287

45 R-NT2RP3003330//Homo sapiens full-length insert cDNA Y124C02.//4.4e-96:458:99//AF075015

R-NT2RP3003344//HS_3235_B2_H09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=18 Row=P, genomic survey sequence.//4.1e-18:197:80//AQ303203

R-NT2RP3003346

50 R-NT2RP3003353//CITBI-E1-2523B18.TR CITBI-E1 Homo sapiens genomic clone 2523B18, genomic survey sequence.//8.3e-06:130:73//AQ278834

R-NT2RP3003377//Homo sapiens clone DJ0919J22, WORKING DRAFT SEQUENCE, 34 unordered pieces.//1.9e-97:481:94//AC005519

R-NT2RP3003384//Homo sapiens clone DJ0038I10, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.3e-10:226:71//AC004820

55 R-NT2RP3003385

R-NT2RP3003403//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3. Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an STS, complete sequence.//2.8e-40:496:

72//AL031585
R-NT2RP3003409//Rat POU domain factor (Brn-5) mRNA.//1.5e-20:375:68//L23204
R-NT2RP3003411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 438L4, WORKING
DRAFT SEQUENCE.//1.0:180:61//Z97635
5 R-NT2RP3003427//RPC111-45J23.TJ RPC111 Homo sapiens genomic clone R-45J23, genomic survey se-
quence.//0.82:162:69//AQ195566
R-NT2RP3003433//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete sequence.//1.1e-10:379:
61//AC006031
R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds.//1.1e-95:479:96//
10 AF004828
R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds.//1.3e-100:527:93//AB018268
R-NT2RP3003491//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//4.0e-08:
495:59//AE001398
R-NT2RP3003500//W.suaveolens mitochondrial ATP9 gene.//0.0074:514:59//X77238
15 R-NT2RP3003543//Human clone A9A2BRB7 (CAC)n(GTG)n repeat-containing mRNA.//1.3e-31:217:88//
U00952
R-NT2RP3003552
R-NT2RP3003555//Dictyostelium discoideum interaptin (abpD) gene, complete cds.//0.98:321:61//AF057019
R-NT2RP3003564
20 R-NT2RP3003572//Human DNA sequence from BAC 992D9 on chromosome 22q12.1 contains STS.//0.0015:507:
59//AL008638
R-NT2RP3003576//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//1.2e-39:359:
79//AC003007
R-NT2RP3003589//Plasmodium falciparum MAL3P8, complete sequence.//0.014:539:58//AL034560
25 R-NT2RP3003625//Human DNA sequence from clone 1042K10 on chromosome 22q13.1-13.2. Contains the AD-
SL gene for Adenylosuccinate lyase (EC 4.3.2.2, Adenylosuccinase, ASL) and 4 novel genes (one with probable
rabGAP domains and Src homology domain 3). Contains ESTs, STSs, GSSs and a putative CpG island, complete
sequence.//1.8e-44:448:77//AL022238
R-NT2RP3003656//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//0.34:257:62//
30 AC005291
R-NT2RP3003659//O.fuscipennis 16S rRNA gene, partial.//0.021:145:65//Z93701
R-NT2RP3003665//HS_3078_B2_C09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3078 Col=18 Row=F, genomic survey sequence.//1.3e-75:397:95//AQ140580
R-NT2RP3003672
35 R-NT2RP3003686
R-NT2RP3003701//Human BAC clone GS310A05 from 7q21-q22, complete sequence.//6.4e-17:464:62//
AC002452
R-NT2RP3003716//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 774G10, WORKING
DRAFT SEQUENCE.//0.00072:425:62//AL034410
40 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds.//1.7e-101:492:97//AB018300
R-NT2RP3003746//Homo sapiens Chromosome 16 BAC clone CIT987-SK502C10, complete sequence.//3.7e-
07:217:66//AC003009
R-NT2RP3003795//Human DNA sequence from clone 505B13 on chromosome 1p36.2-36.3 Contains CA repeat
and GSSs, complete sequence.//8.1e-26:456:68//Z98052
45 R-NT2RP3003799//cSRL-138g10-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
clone cSRL-138g10, genomic survey sequence.//4.9e-09:117:77//B01736
R-NT2RP3003800//Homo sapiens tyrosine kinase pp60c-src (SRC) gene, exon 12 and partial cds.//2.8e-106:551:
95//AF077754
R-NT2RP3003805
50 R-NT2RP3003809//Homo sapiens full-length insert cDNA clone YZ95A01.//3.6e-106:533:97//AF086107
R-NT2RP3003819//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34606, WORKING
DRAFT SEQUENCE.//6.0e-44:288:81//Z84487
R-NT2RP3003825//Mus domesticus interleukin 1 receptor antagonist (IL-1RA) mRNA.//0.0014:410:58//M64404
R-NT2RP3003828
55 R-NT2RP3003831//****ALU WARNING: Human Alu-J subfamily consensus sequence.//2.3e-41:289:85//U14567
R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence.//1.6e-108:541:97//AF070611
R-NT2RP3003842//Homo sapiens Xp22 BAC 620F15 (Genome Systems BAC library) complete sequence.//1.5e-
46:457:74//AC002980

R-NT2RP3003846//Plasmodium falciparum MAL3P3, complete sequence.//3.5e-06:356:62//Z98547
 R-NT2RP3003870//Homo sapiens full-length insert cDNA clone ZD75H11.//8.2e-09:68:98//AF086402
 R-NT2RP3003876//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORK-
 ING DRAFT SEQUENCE.//0.0027:180:66//AL031650
 5 R-NT2RP3003914//Dictyostelium discoideum DNA for transposable element Tdd-3 tandem array.//0.029:234:62//
 X53439
 R-NT2RP3003918
 R-NT2RP3003932//Mus musculus MRC OX-2 antigen homolog gene, exons 2-5, and complete cds.//0.00087:164:
 67//AF029215
 10 R-NT2RP3003989
 R-NT2RP3003992//Sequence 1 from patent US 5591825.//0.56:235:59//I33465
 R-NT2RP3004013//HS_3018_A1_G09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3018 Col=17 Row=M, genomic survey sequence.//0.00026:421:60//AQ119904
 R-NT2RP3004016//Drosophila melanogaster DNA sequence (P1s DS03465 (D149) and DS08544 (D187)), com-
 15 plete sequence.//4.8e-12:308:62//AC004532
 R-NT2RP3004041//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 598F2, WORKING
 DRAFT SEQUENCE.//0.42:190:64//AL021579
 R-NT2RP3004051//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//3.6e-21:332:69//
 AC006130
 20 R-NT2RP3004070//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
 DRAFT SEQUENCE, 5 unordered pieces.//2.0e-05:476:57//AC005308
 R-NT2RP3004078//Homo sapiens chromosome 19, cosmid R30335, complete sequence.//2.0e-86:486:93//
 AC005784
 R-NT2RP3004093//Human PAC clone 257C22A from 13q12-q13, complete sequence.//5.3e-11:230:69//
 25 AC002525
 R-NT2RP3004095//Homo sapiens clone NH0486122, WORKING DRAFT SEQUENCE, 5 unordered pieces.//7.5e-
 93:551:92//AC005038
 R-NT2RP3004110//Homo sapiens 12p13.3 PAC RPCI5-940J5 (Roswell Park Cancer Institute Human PAC Library)
 complete sequence.//1.6e-104:317:100//AC006064
 30 R-NT2RP3004125//Pongo pygmaeus CT microsatellite, clone #3, from the tandemly repeated genes encoding U2
 small nuclear RNA (RNU2 locus).//0.73:168:60//U36532
 R-NT2RP3004145//Homo sapiens full-length insert cDNA clone ZE09H03.//2.3e-89:427:99//AF086542
 R-NT2RP3004148//Arabidopsis thaliana chromosome II BAC T1B8 genomic sequence, complete sequence.//
 0.013:134:70//U78721
 35 R-NT2RP3004155//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//3.8e-10:101:87//
 AC004081
 R-NT2RP3004206//Homo sapiens clone DJ0794K21, complete sequence.//1.5e-06:442:57//AC005533
 R-NT2RP3004207//Mouse mRNA for seizure-related gene product 6.//1.7e-07:220:69//D29763
 R-NT2RP3004209//Human cosmid Q7A10 (D21S246) insert DNA, complete sequence.//7.3e-89:504:92//D42052
 40 R-NT2RP3004215//Caenorhabditis elegans cosmid F11A6, complete sequence.//0.018:353:59//Z81498
 R-NT2RP3004242//Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence.//4.5e-06:
 407:60//AE001415
 R-NT2RP3004246//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25, complete sequence.//
 2.8e-105:534:97//AC005385
 45 R-NT2RP3004253//RPCI11-78J12.TJ RPCI11 Homo sapiens genomic clone R-78J12, genomic survey se-
 quence.//4.0e-64:382:90//AQ281324
 R-NT2RP3004258//Rattus norvegicus Zis mRNA, complete cds.//7.0e-60:417:84//AF013967
 R-NT2RP3004262//Mus musculus heat shock protein hsp40-3 gene, complete cds.//2.7e-43:528:73//AF092536
 R-NT2RP3004334//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//1.4e-06:435:
 50 62//AC004231
 R-NT2RP3004341//CITBI-E1-2503F11.TR CITBI-E1 Homo sapiens genomic clone 2503F11, genomic survey se-
 quence.//0.0018:210:65//AQ263365
 R-NT2RP3004348//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//7.1 e-46:340:83//
 AC005695
 55 R-NT2RP3004349//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117O3, WORKING
 DRAFT SEQUENCE.//9.4e-29:263:79//AL020995
 R-NT2RP3004378//Human DNA sequence from PAC 27K14 on chromosome Xp11.3-Xp11.4. Contains monoam-
 ine oxidase B (MAOB), ESTs and polymorphic CA repeats.//2.0e-67:422:90//Z95125

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6.2e-26:163:93//AQ200049
 R-NT2RP4000185
 R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds.//4.6e-99:505 :96//AB014600
 R-NT2RP4000212//, complete sequence.//1.0e-106:538:96//AC005300
 5 R-NT2RP4000214//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.2e-39:272:88//
 AC005261
 R-NT2RP4000218//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//1.6e-09:457:60//
 AC004081
 R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP).//9.0e-69:354:96//AJ006470
 10 R-NT2RP4000246//Mus musculus mRNA for NDP-1 protein, complete cds.//2.0e-27:344:73//D10727
 R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence.//9.7e-78:381:99//AF091092
 R-NT2RP4000263//CIT-HSP-2336N24.TF CIT-HSP Homo sapiens genomic clone 2336N24, genomic survey se-
 quence.//0.26:124:69//AQ043515
 R-nnnnnnnnnnn//ORF 5' of ECLF2...ECRF3=G protein-coupled receptor homolog [herpesvirus saimiri HVS, host-
 15 squirrel monkey, Genomic, 4 genes, 3720 nt].//0.12:326:61//S76368
 R-NT2RP4000312//Human DNA sequence from clone 523E19 on chromosome 6p11.2-12.3 Contains ESTs STS
 and GSSs, complete sequence.//2.2e-111:538:98//AL033384
 R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence.//1.4e-108:515:99//AF070524
 R-NT2RP4000323//S.cerevisiae telomeric sequence DNA, clone YLP108CA-2-i.//0.048:107:69//M34311
 20 R-NT2RP4000355//Homo sapiens clone DJ1136A10, WORKING DRAFT SEQUENCE, 4 unordered pieces.//4.3e-
 39:350:79//AC004972
 R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds.//2.4e-109:520:99//AB018281
 R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.//
 8.7e-109:527:98//AF044195
 25 R-NT2RP4000370//Homo sapiens PAC clone DJ0777O23 from 7p14-p15, complete sequence.//9.9e-25 :348:72//
 AC005154
 R-NT2RP4000376//Rattus norvegicus phospholipase A-2-activating protein (plap) mRNA, complete cds.//2.2e-
 69:391:89//U17901
 R-NT2RP4000381//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//0.066:197:63//
 30 AC006080
 R-NT2RP4000415//345F19.TV CIT978SKA1 Homo sapiens genomic clone A-345F19, genomic survey se-
 quence.//0.10:79:75//B15527
 R-NT2RP4000417//Homo sapiens full-length insert cDNA clone ZD52B10.//9.6e-96:468:97//AF086313
 R-NT2RP4000424//Homo sapiens DNA sequence from PAC 127D3 on chromosome 1q23-25. Contains FMO2
 35 and FMO3 genes for Flavin-containing Monooxygenase 2 and Flavin-containing Monooxygenase 3 (Dimethyl-
 aniline Monooxygenase (N-Oxide 3, EC1.14.13.8, Dimethylaniline Oxidase 3, FMO II, FMO 3), and a gene for
 another, unknown, Flavin-containing Monooxygenase family protein. Contains ESTs and GSSs, complete se-
 quence.//1.8e-08:489:59//AL021026
 R-NT2RP4000448//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING
 40 DRAFT SEQUENCE, 8 unordered pieces.//3.3e-07:510:60//AC005505
 R-NT2RP4000449//HS_2037_B2_A09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2037 Col=18 Row=B, genomic survey sequence.//1.3e-58:375:88//AQ243047
 R-NT2RP4000455//Phocine herpesvirus type 1 glycoprotein D (gD) gene, partial cds.//0.62:133:63//U92271
 R-nnnnnnnnnnnnn
 45 R-NT2RP4000480//cSRL-54b11-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic
 clone CSRL-54b11, genomic survey sequence.//2.1e-19:145:88//B05082
 R-nnnnnnnnnnnnn
 R-NT2RP4000500
 R-NT2RP4000515//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 50 DRAFT SEQUENCE, 14 unordered pieces.//1.4e-05:411:59//AC005140
 R-NT2RP4000517//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//2.7e-21:230:
 77//AC003007
 R-NT2RP4000518//Homo sapiens DNA sequence from PAC 206D15 on chromosome 1q24. Contains a Reduced
 Folate Carrier protein (RFC) LIKE gene, a mitochondrial ATP Synthetase protein 8 (ATP8, MTATP8) LIKE pseu-
 55 dogene, an unknown gene and the last exon of the JEM1 gene coding for the Basic-Leucine Zipper nuclear factor
 JEM-1. Contains ESTs, an STS and a BAC end sequence (GSS), complete sequence.//0.0080:461:59//AL021068
 R-NT2RP4000519
 R-NT2RP4000524

R-NT2RP4000528//Homo sapiens chromosome 17, clone hRPK.138_P_22, complete sequence.//0.99:158:66//AC005697
 R-NT2RP4000541//Homo sapiens Chromosome 22q11.2 Cosmid Clone 33e In DGCR Region, complete sequence.//1.0:309:59//AC000078
 5 R-NT2RP4000556//Rattus norvegicus cell cycle protein p55CDC gene, complete cds.//0.0031:126:72//AF052695
 R-NT2RP4000588//Homo sapiens BAC clone RG208K23 from 7q31, complete sequence.//1.0:186:64//AC004161
 R-NT2RP4000614//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-62, complete sequence.//1.4e-06:526:58//AL009013
 R-NT2RP4000638//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3
 10 unordered pieces.//6.9e-48:497:75//AC004666
 R-NT2RP4000648//CIT-HSP-2300I7.TR CIT-HSP Homo sapiens genomic clone 2300I7, genomic survey sequence.//0.22:110:68//AQ012747
 R-NT2RP4000657//Lycodichthys dearborni type III antifreeze peptide gene, clone 5'LD-1/NotI-EcoRI subclone SphI-XbaI, partial cds.//0.0065:189:63//U20443
 15 R-NT2RP4000704//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 409J21, WORKING DRAFT SEQUENCE.//0.22:334:60//Z83824
 R-NT2RP4000724//Homo sapiens Chromosome 22q11.2 Cosmid Clone 56c In DGCR Region, complete sequence.//2.2e-70:448:88//AC000080
 R-NT2RP4000728//CIT-HSP-2310K14.TF CIT-HSP Homo sapiens genomic clone 2310K14, genomic survey sequence.//0.00013:289:61//AQ019669
 20 R-NT2RP4000739//Homo sapiens chromosome 12p13.3, WORKING DRAFT SEQUENCE, 21 unordered pieces.//0.53:254:61//AC004765
 R-NT2RP4000781//P.cepacia fusaric acid-resistance genes encoding 5 proteins, complete cds.//1.0:392:59//D12503
 25 R-NT2RP4000817//Homo sapiens Xp22 BAC GSHB 526D21 (Genome Systems Human BAC library) complete sequence.//0.59:378:58//AC003037
 R-NT2RP4000833//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//3.4e-53:307:85//AL023808
 R-NT2RP4000837//Homo sapiens T-cell receptor alpha delta locus from bases 501613 to 752736 (section 3 of 5)
 30 of the Complete Nucleotide Sequence.//7.0e-50:367:77//AE000660
 R-NT2RP4000855
 R-NT2RP4000865//Homo sapiens chromosome 17, clone HRPC905N1, complete sequence.//1.5e-78:479:88//AC003098
 R-NT2RP4000878//Mus musculus mRNA for myeloid associated differentiation protein.//4.5e-09:186:69//AJ001616
 35 R-NT2RP4000879//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//7.8e-08:364:60//AC004153
 R-ntnnnnnnnnnn//Human S-adenosylmethionine decarboxylase (AMD1) gene, exons 5-9.//3.5e-90:459:96//M88006
 40 R-ntnnnnnnnnnn//H.sapiens ung gene for uracil DNA-glycosylase.//7.6e-09:392:61//X89398
 R-NT2RP4000925//Rattus norvegicus Shal-related potassium channel Kv4.3 mRNA, complete cds.//5.8e-45:264:92//U42975
 R-ntnnnnnnnnnn//epstein-barr virus simple repeat array (ir3).//0.00012:367:61//J02079
 R-NT2RP4000928//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MCL19, complete sequence.//1.0:138:68//AB006698
 45 R-NT2RP4000929//Human DNA sequence from PAC 293L6 on chromosome 22, complete sequence.//0.45:288:62//Z82197
 R-NT2RP4000955//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 633O19, WORKING DRAFT SEQUENCE.//1.1e-09:322:62//AL022302
 50 R-NT2RP4000973//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions.//2.3e-06:326:62//AF003528
 R-NT2RP4000975
 R-NT2RP4000979//HS_3009_B1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3009 Col=15 Row=L, genomic survey sequence.//2.3e-14:117:89//AQ090957
 55 R-NT2RP4000984//Human immunodeficiency virus type 1 envelope glycoprotein (env) gene, C2-V3 region, isolate HIV194UG011TIN.01_di1PD, partial cds.//0.11:219:62//U44882
 R-NT2RP4000989//Sequence 30 from patent US 5552281.//3.5e-25:154:97//I25669
 R-NT2RP4000996//Plasmodium falciparum strain Dd2 heat shock protein 86 (HSP86), O1 (o1), O3 (o3), O2 (o2),

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CG8 (cg8), CG4 (cg4), CG3 (cg3), CG9 (cg9), CG1 (cg1), CG6 (cg6), chloroquine resistance candidate protein (cg2), and CG7 (cg7) genes, complete cds.//3.8e-07:421:59//AF030694

R-NT2RP4000997//Homo sapiens chromosome 17, clone 104H12, complete sequence.//4.2e-37:499:72//AC000003

5 R-NT2RP4001004//HS_3163_A2_H02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3163 Col=4 Row=O, genomic survey sequence.//2.8e-38:241:90//AQ168515

R-NT2RP4001006//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//7.1e-55:372:73//AC006023

R-NT2RP4001010//Homo sapiens full-length insert cDNA clone ZD38E12.//3.3e-09:153:74//AF086247

10 R-NT2RP4001029//Mus domestica nuclear binding factor NF2d9 mRNA, complete cds.//2.1e-34:361:78//U20086

R-NT2RP4001041//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//9.9e-84:435:96//AC005216

R-NT2RP4001057//Homo sapiens KIAA0399 mRNA, partial cds.//6.2e-50:282:94//AB007859

R-NT2RP4001064//H.sapiens NOS2 gene, exon 15.//0.71:183:61//X85771

15 R-NT2RP4001078//Human D-site binding protein gene, exon 4 and complete cds.//1.9e-114:569:97//U48213

R-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial.//2.4e-118:574:98//AJ010953

R-NT2RP4001080//Plasmodium falciparum chromosome 2, section 66 of 73 of the complete sequence.//0.013:430:58//AE001429

20 R-ntnnnnnnnnnnn//Homo sapiens mRNA for KIAA0592 protein, partial cds.//1.8e-119:548:95//AB011164

R-NT2RP4001095//Homo sapiens cosmids IM0525, LC1233, Qc3C1, LB1439, Qc12C11 and 220B3 from Xq28, complete sequence.//2.8e-39:312:81//AF003626

R-NT2RP4001100//Human DNA sequence from cosmid U85A3, between markers DXS366 and DXS87 on chromosome X contains rad21 and T-cell cyclophorin pseudogenes, STS.//8.7e-41:389:78//Z78021

25 R-NT2RP4001117//Canis familiaris sec61 homologue mRNA, complete cds.//2.8e-12:292:68//M96629

R-NT2RP4001122//Caenorhabditis elegans cosmid F44D12, complete sequence.//0.97:129:66//Z68298

R-NT2RP4001126//HS_3146_A1_805_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3146 Col=9 Row=C, genomic survey sequence.//0.013:268:63//AQ141093

R-NT2RP4001138

30 R-NT2RP4001143//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 64K7, WORKING DRAFT SEQUENCE.//1.8e-31:380:68//AL031668

R-NT2RP4001148//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//1.2e-83:325:92//AC005095

R-NT2RP4001149//Mouse mRNA for thymic epithelial cell surface antigen, complete cds.//8.1e-32:553:67//D67067

35 R-NT2RP4001150//AK011 Genomic DNA Hordeum vulgare genomic clone tel44a similar to barley TAS, genomic survey sequence.//0.91:132:63//AQ248412

R-NT2RP4001159//Cloning vector pAP3neo DNA, complete sequence.//4.0e-118:437:97//AB003468

R-NT2RP4001174//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer Institute Human BAC library) complete sequence.//1.7e-33:289:82//AC002996

40 R-ntnnnnnnnnnnnn/P.falciparum mRNA for AARP2 protein.//0.93:187:64//Y08924

R-NT2RP4001207

R-NT2RP4001210//CIT-HSP-2042D13.TF CIT-HSP Homo sapiens genomic clone 2042D13, genomic survey sequence.//3.8e-06:268:63//B74772

45 R-NT2RP4001213//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//4.7e-16:371:66//M99593

R-NT2RP4001219//HS_2190_A1_A06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2190 Col=11 Row=A, genomic survey sequence.//2.4e-06:288:61//AQ216635

R-NT2RP4001228//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING DRAFT SEQUENCE.//0.024:357:58//AL031745

50 R-NT2RP4001235//HS_3047_A1_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3047 Col=13 Row=L, genomic survey sequence.//0.0033:301:63//AQ126918

R-NT2RP4001256//HS_3007_A2_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3007 Col=12 Row=C, genomic survey sequence.//1.5e-11:140:80//AQ118389

55 R-NT2RP4001260//Plasmodium falciparum chromosome 2, section 63 of 73 of the complete sequence.//0.0013:486:59//AE001426

R-NT2RP4001274//RPCI11-24O21.TKBF RPCI-11 Homo sapiens genomic clone RPCI-11-24O21, genomic survey sequence.//3.9e-25:142:99//AQ013887

- R-nnnnnnnnnnnn//Homo sapiens full-length insert cDNA clone ZD55D10.//1.2e-10:90:92//AF086334
 R-NT2RP4001313//Mus musculus orphan nuclear hormone receptor (CAR) gene, complete sequence.//7.7e-23:
 466:66//AF009326
 R-NT2RP4001315//CIT-HSP-2312C6.TR CIT-HSP Homo sapiens genomic clone 2312C6, genomic survey se-
 5 quence.//0.98:305:62//AQ018036
 R-NT2RP4001339
 R-NT2RP4001345
 R-NT2RP4001351//Fruitfly strain g20 mitochondrial DNA, A+T-rich region, partial sequence.//0.00082:260:59//
 AB003097
 R-NT2RP4001353//RPC111-55N17.TJ RPC111 Homo sapiens genomic clone R-55N17, genomic survey se-
 10 quence.//0.74:106:66//AQ081821
 R-NT2RP4001372
 R-NT2RP4001373//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//1.5e-09:473:
 60//AC006080
 R-NT2RP4001375
 R-NT2RP4001379//CIT-HSP-2335A10.TF CIT-HSP Homo sapiens genomic clone 2335A10, genomic survey se-
 quence.//9.4e-41:441:75//AQ040083
 R-NT2RP4001389//Homo sapiens PAC clone DJ0740D02 from 7p14-p15, complete sequence.//2.4e-22:276:73//
 AC004691
 R-NT2RP4001407//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 20 DRAFT SEQUENCE, 14 unordered pieces.//0.49:254:61//AC005140
 R-NT2RP4001414
 R-NT2RP4001433//Human prohibitin (PHB) gene, exons 1-7.//6.6e-66:357:90//L14272
 R-NT2RP4001442//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
 25 DRAFT SEQUENCE, 5 unordered pieces.//0.11:307:59//AC005308
 R-NT2RP4001447//cSRL-58d2-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone
 cSRL-58d2, genomic survey sequence.//0.0039:112:71//B05220
 R-NT2RP4001474
 R-NT2RP4001483
 R-NT2RP4001498//Plasmodium falciparum (clone Dd2) heat shock protein 86 gene, complete cds.//1.2e-07:339:
 30 61//L34027
 R-NT2RP4001502//HS_2187_B1_C10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2187 Col=19 Row=F, genomic survey sequence.//1.3e-20:183:81//AQ214108
 R-NT2RP4001507//Arabidopsis thaliana chromosome 1 BAC T17H3 sequence, WORKING DRAFT SEQUENCE,
 35 4 unordered pieces.//0.15:333:62//AC005916
 R-NT2RP4001524//Genomic sequence from Human 13, complete sequence.//0.96:159:65//AC001226
 R-NT2RP4001529//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//9.5e-34:337:80//U20086
 R-NT2RP4001547//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
 DRAFT SEQUENCE, 2 unordered pieces.//0.00027:336:63//AC004710
 R-NT2RP4001547//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
 40 DRAFT SEQUENCE, 2 unordered pieces.//0.00027:336:63//AC004710
 R-nnnnnnnnnnnn//Arabidopsis thaliana BAC T12H20.//1.5e-11:517:60//AF080119
 R-NT2RP4001555//Human DNA sequence from PAC 481A17 on chromosome X contains ESTs.//0.0069:305:62//
 Z82212
 R-NT2RP4001567//RPC111-61A2.TJ RPC111 Homo sapiens genomic clone R-61A2, genomic survey sequence.//
 0.0072:180:60//AQ200771
 R-NT2RP4001568
 R-NT2RP4001571//Trypanoplasma borreli kinetoplast ribosomal protein S12 (RPS12), putative cryptogene (GR11),
 12S ribosomal RNA, and apocytochrome b (CYb) genes, primary transcripts, and cytochrome c oxidase subunit
 III (COIII) gene, complete cds.//1.6e-09:555:58//U14181
 R-NT2RP4001574//HS_2247_B1_B05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 50 nomic clone Plate=2247 Col=9 Row=D, genomic survey sequence.//1.1e-41:254:90//AQ182345
 R-NT2RP4001575//Human DNA sequence from clone 1033B10 on chromosome 6p21.2-21.31. Contains the
 BING5 gene, exons 11 to 15 of the BING4 gene, the gene for GalT3 (beta3-Galactosyltransferase), the RPS18
 (40S ribosomal protein S18) gene, the SACM2L (suppressor of actin mutation 2, yeast, homolog) gene, a pseu-
 dogene similar to TAT-SF1, a Pseudogene similar to zinc finger genes, the RING1 gene, the gene for HKE6
 55 (RING2), the gene for HKE4 (RING5), the RXRB (Retinoid X receptor beta) gene, the COL11A2 (collagen, type
 XI, alpha 2) gene, the HLA-DPB2 pseudogene and part of the HLA-DPA3 pseudogene. Contains predicted CpG
 islands, ESTs, STSS, and GSSs, complete sequence.//1.1e-118:567:98//AL031228
 R-NT2RP4001592//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018D12, WORKING

EP 1 074 617 A2

DRAFT SEQUENCE.//2.5e-09:370:61//AL031650
R-NT2RP4001610//Homo sapiens Xp22 Cosmids U15E4, U115H5, U132E12, U115B9 (Lawrence Livermore human cosmid library) complete sequence.//0.99:73:75//AC002364
R-NT2RP4001614
5 R-NT2RP4001634//Homo sapiens full-length insert cDNA clone YU73B11.//5.8e-101:526:94//AF087969
R-NT2RP4001638//Homo sapiens clone 23967 unknown mRNA, partial cds.//5.4e-115:559:97//AF007151
R-NT2RP4001644//M.musculus mRNA for map kinase interacting kinase, Mnk2.//6.8e-33:286:79//Y11092
R-NT2RP4001656//Human Chromosome 11 pac pDJ393o15, WORKING DRAFT SEQUENCE, 8 unordered pieces.//2.2e-109:515:99//AC000384
10 R-NT2RP4001677//Genomic sequence from Human 9q34, complete sequence.//0.19:504:58//AC000397
R-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence.//4.5e-115:583:96//U96629
R-NT2RP4001725//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.98:301:60//AC000380
15 R-ntnnnnnnnnnn//Caenorhabditis elegans cosmid F48E3.//2.2e-17:328:64//U28735
R-NT2RP4001739//RPCI11-74E7.TJ RPCI11 Homo sapiens genomic clone R-74E7, genomic survey sequence.//1.1e-08:141:65//AQ268408
R-NT2RP4001753//H.sapiens HZF3 mRNA for zinc finger protein.//1.7e-111:552:96//X78926
R-NT2RP4001760//Mouse oncogene (ect2) mRNA, complete cds.//9.3e-27:358:72//L11316
20 R-NT2RP4001790//Homo sapiens clone GS259H13, WORKING DRAFT SEQUENCE, 4 unordered pieces.//1.7e-99:484:98//AC005020
R-NT2RP4001803//HS_3087_B2_B05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3087 Col=10 Row=D, genomic survey sequence.//2.7e-96:471:97//AQ121405
R-NT2RP4001822
25 R-NT2RP4001823
R-NT2RP4001828//Human DNA sequence from PAC 179115, BRCA2 gene region chromosome 13q12-q13 contains Klotho ESTs and CpG island.//4.1e-14:136:83//Z92540
R-NT2RP4001838//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//2.5e-06:418:60//AE001372
30 R-NT2RP4001849//P.falciparum serine rich protein (SERP I) gene.//0.64:135:67//J03983
R-NT2RP4001889//Homo sapiens PAC clone DJ1182N03 from 7q11.23-q21.1, complete sequence.//4.3e-26:212:82//AC004548
R-NT2RP4001893//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.8e-111:570:96//AC005014
35 R-NT2RP4001896
R-NT2RP4001901
R-NT2RP4001927//Borrelia burgdorferi (section 32 of 70) of the complete genome.//1.0:242:60//AE001146
R-NT2RP4001938//Human aminopeptidase N gene, exon 1.//3.3e-42:195:85//M55523
R-NT2RP4001946//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING
40 DRAFT SEQUENCE, 9 unordered pieces.//0.97:371:57//AC004157
R-NT2RP4001950//RPCI11-69C18.TJ RPCI11 Homo sapiens genomic clone R-69C18, genomic survey sequence.//4.7e-91:552:89//AQ236641
R-NT2RP4001953//Homo sapiens DNA sequence from PAC 958B3 on chromosome Xp22.11-Xp22.22. Contains ESTs STS and CpG island.//6.6e-70:325:84//Z93023
45 R-NT2RP4001966//Rat mRNA for growth potentiating factor, complete cds.//5.5e-37:141:86//D42148
R-NT2RP4001975//Human Newcastle disease virus inducible protein mRNA, partial 3'UTR region.//1.0e-46:242:98//U25276
R-NT2RP4002018//RPCI11-76I23.TV RPCI11 Homo sapiens genomic clone R-76I23, genomic survey sequence.//7.9e-89:438:97//AQ268536
50 R-NT2RP4002047//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//4.1e-07:325:62//AL031297
R-NT2RP4002052//Human DNA sequence from clone 352E11 on chromosome 22q13.1-13.31. Contains GSSs, complete sequence.//0.31:452:57//AL022353
R-NT2RP4002058//RPCI11-69O1.TJ RPCI11 Homo sapiens genomic clone R-69O1, genomic survey sequence.//0.23:163:64//AQ268418
55 R-NT2RP4002071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1172A22, WORKING DRAFT SEQUENCE.//1.1e-11:407:62//AL034386
R-NT2RP4002075//Human DNA sequence from clone 21F7 on chromosome 6q16.1-21. Contains part of an exon

of a putative new gene and STSs and GSSs, complete sequence.//0.085:350:61//AL033375
R-NT2RP4002078//RPCI11-79116.TV RPCI11 Homo sapiens genomic clone R-79116, genomic survey sequence.//
3.3e-87:452:95//AQ283131
R-nnnnnnnnnnnnn
5 R-NT2RP4002083//Homo sapiens mineralocorticoid receptor (MLR), exon 5.//0.50:256:61//AF068619
R-NT2RP4002408//CIT-HSP-2376023.TF CIT-HSP Homo sapiens genomic clone 2376023, genomic survey se-
quence.//6.8e-62:320:96//AQ111163
R-NT2RP4002791//Human PAC clone DJ318C15 from Xq23, complete sequence.//0.022:435:61//AC002476
R-NT2RP4002888//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//6.0e-56:660:71//
10 AC002383
R-NT2RP4002905//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete
sequence.//0.0017:533:57//AL008972
R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds.//8.7e-114:605:94//AB007934
R-OVARC1000004//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//2.1e-43:326:
15 74//AC005510
R-OVARC1000006//HS_2253_B1_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2253 Col=1 Row=L, genomic survey sequence.//3.7e-35:191:98//AQ069124
R-OVARC1000013//HS_2212_A2_G06_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2212 Col=12 Row=M, genomic survey sequence.//0.14:212:63//AQ210584
20 R-OVARC1000014//Human DNA sequence from PAC 463A9, on chromosome Xq25 contains STS.//0.0053:356:
62//Z80232
R-OVARC1000017
R-OVARC1000035//RPCI11-65E1.TJ RPCI11 Homo sapiens genomic clone R-65E1, genomic survey sequence.//
3.3e-05:236:63//AQ237194
25 R-OVARC1000058//Homo sapiens DNA sequence from BAC 390C10 on chromosome 22q11.21-12.1. Contains
an Immunoglobulin LIKE gene and a pseudogene similar to Beta Crystallin. Contains ESTs, STSs, GSSs and taga
and tat repeat polymorphisms, complete sequence.//2.7e-48:325:82//AL008721
R-OVARC1000060//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 27K12, WORKING
DRAFT SEQUENCE.//5.0e-21:297:70//AL033397
30 R-OVARC1000068//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.00038:553:58//X95276
R-OVARC1000071//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 596C15, WORKING
DRAFT SEQUENCE.//5.1e-110:599:93//AL031387
R-OVARC1000085//DNA encoding component HC5 of human proteasome.//2.7e-65:366:92//E03413
R-nnnnnnnnnnnnn//CIT-HSP-2172N17.TF CIT-HSP Homo sapiens genomic clone 2172N17, genomic survey se-
35 quence.//0.80:285:59//B94391
R-OVARC1000091
R-OVARC1000092//CIT-HSP-2373J20.TR CIT-HSP Homo sapiens genomic clone 2373J20, genomic survey se-
quence.//1.4e-17:141:85//AQ111520
R-OVARC 1000106
40 R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//2.6e-
100:495:97//AF069250
R-OVARC1000114//Homo sapiens partial XPGC gene, exon 2.//9.5e-49:392:80//X71342
R-OVARC1000133//Human Chromosome 16 BAC clone CIT987SK-A-362G6, complete sequence.//0.00020:243:
65//U95740
45 R-OVARC1000145//Homo sapiens chromosome 10 clone CIT987SK-1010K1 map 10q25, complete sequence.//
1.8e-16:370:67//AC005385
R-OVARC1000148//CIT-HSP-2386P14.TF.1 CIT-HSP Homo sapiens genomic clone 2386P14, genomic survey
sequence.//1.1e-05:55:98//AQ240492
R-OVARC1000151//M.musculus GEG-154 mRNA.//9.8e-21:192:81//X71642
50 R-OVARC1000168//CIT-HSP-2336F6.TR CIT-HSP Homo sapiens genomic clone 2336F6, genomic survey se-
quence.//0.050:176:62//AQ042932
R-OVARC1000191//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING
DRAFT SEQUENCE, 7 unordered pieces.//3.7e-08:534:58//AC005506
R-OVARC1000198//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07;
55 HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//5.2e-111:556:96//AC004604
R-OVARC1000209//Blacus sp. 16S ribosomal RNA gene, partial sequence.//0.55:165:67//AF003501
R-OVARC1000212//Mouse DNA for beta-casein.//0.56:225:63//X13484
R-OVARC1000240//Homo sapiens chromosome 17, clone hRPK.63_A_1, complete sequence.//6.2e-38:193:82//

AC005670
R-OVARC1000241//Mus musculus hypoxia inducible factor three alpha mRNA, complete cds.//1.1e-25:312:73//
AF060194
R-OVARC1000288//Human HepG2 3' region Mbol cDNA, clone hmd1d01m3.//5.4e-07:128:70//D17131
5 R-OVARC1000302//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete sequence.//1.7e-10:100:88//
AC005971
R-OVARC1000304//Mouse mRNA from Mov10 locus.//7.9e-66:379:81//X52574
R-OVARC 1000309
R-OVARC1000321//Homo sapiens clone NH0479C13, WORKING DRAFT SEQUENCE, 12 unordered pieces.//
10 6.5e-83:453:94//AC005236
R-OVARC1000326//Rattus norvegicus lamina-associated polypeptide 1C (LAP1C) mRNA, complete cds.//5.0e-
58:455:81//U19614
R-OVARC1000335//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0483I23;
HTGS phase 1, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.034:429:60//AC005690
15 R-OVARC1000347//Mus musculus HRS gene, complete cds.//4.6e-06:339:61//AF020308
R-OVARC1000384//D.discoideum glycoprotein 24 A and B (GP24A and GP24B) genes, complete cds.//0.48:296:
62//M27588
R-OVARC1000408//Homo sapiens DNA from chromosome 19-cosmid R27740 containing MEF2B and RSRFR2
genes, genomic sequence.//9.4e-39:286:87//AD000812
20 R-OVARC1000411//CIT-HSP-2303H10.TF CIT-HSP Homo sapiens genomic clone 2303H10, genomic survey se-
quence.//1.5e-07:94:84//AQ016720
R-OVARC1000414//Homo sapiens genomic DNA, 21q region, clone: 149C3X10, genomic survey sequence.//1.8e-
32:296:75//AG002388
R-OVARC1000420//Homo sapiens clone DJ1137M13, complete sequence.//2.0e-48:354:77//AC005378
25 R-OVARC1000427//D.discoideum vegetative specific gene V18 gene for ribosomal protein.//2.5e-09:370:59//
X15382
R-OVARC1000431//HS_2199_A2_E02_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2199 Col=4 Row=I, genomic survey sequence.//1.3e-34:186:98//AQ093722
R-OVARC1000437//Gallus gallus tensin mRNA, 3' end.//1.3e-15:160:80//L06662
30 R-OVARC1000440//Homo sapiens BAC clone NH0538D15 from 7q11.23-q21.1, complete sequence.//0.0054:337:
61//AC006043
R-OVARC1000442//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey se-
quence.//1.0e-45:322:86//AQ037381
R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds.//1.1e-77:418:94//AB014583
35 R-OVARC1000461//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING
DRAFT SEQUENCE.//0.62:333:59//AL034417
R-OVARC1000465//Bos taurus guanine nucleotide-exchange protein (ARF-GEP1) mRNA, complete cds.//1.1e-
81:489:91//AF023451
R-OVARC1000466//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//0.0088:98:
40 72//AC004526
R-OVARC1000473//Homo sapiens full-length insert cDNA clone YI53C10.//3.2e-92:317:100//AF085851
R-OVARC1000479//Rattus norvegicus mRNA for TIP120, complete cds.//2.7e-70:502:84//D87671
R-OVARC1000486//Dictyostelium discoideum FusC (fusC) gene, partial cds.//0.52:411:58//AF019984
R-OVARC1000496
45 R-OVARC1000520//Homo sapiens PAC clone DJ412A9 from 22, complete sequence.//3.8e-17:294:71//AC005005
R-OVARC1000526//Homo sapiens clone GS438P06, WORKING DRAFT SEQUENCE, 17 unordered pieces.//
4.5e-109:547:96//AC005024
R-OVARC1000533//Homo sapiens chromosome 19, cosmid R30385, complete sequence.//3.0e-46:264:93//
AC004510
50 R-OVARC1000543//Caenorhabditis elegans cosmid F10C1.//0.00063:417:59//U49831
R-OVARC1000556//Homo sapiens DNA sequence from PAC 168L15 on chromosome 6q26-27. Contains RSK3
gene, ribosomal protein S6 kinase, EST, GSS, STS. CpG island, complete sequence.//1.5e-39:144:92//AL022069
R-OVARC1000557//Homo sapiens chromosome 19, cosmid R32469, complete sequence.//1.5e-81:429:96//
AC005197
55 R-OVARC1000564//Homo sapiens chromosome 17, clone HRPC837J1, complete sequence.//0.83:301:58//
AC004223
R-OVARC1000573//Homo sapiens Xq28 genomic DNA in the region of the ALD locus containing the genes for
creatine transporter (SLC6A8), CDM, adrenoleukodystrophy (ALD), Na⁺-isocitrate dehydrogenase gamma subunit

(IDH), and translocon-associated protein delta (TRAP) genes, complete cds, plexin related protein (PLEXR) and serine kinase (SK) genes, partial cds, Xq28iu1 gene and cytochrome C (CCp) pseudogene.//2.4e-44:300:88//U52111

R-OVARC1000578//Human Chromosome 16 BAC clone CIT987SK-A-270G1, complete sequence.//6.4e-48:436:78//AF001549

5 R-OVARC1000588//Homo sapiens chromosome 19, cosmid F19847, complete sequence.//2.7e-32:313:78//AC005952

R-OVARC 1000605

R-OVARC1000622//Homo sapiens PAC clone DJ0942116 from 7q11, complete sequence.//6.2e-43:328:83//AC006012

10 R-OVARC1000640//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1 ordered pieces.//1.9e-47:514:73//AC005840

R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds.//1.6e-29:162:100//AB011162.

R-OVARC1000678//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING

15 DRAFT SEQUENCE, 14 unordered pieces.//0.50:270:60//AC005140

R-oooooooooooo//Rattus norvegicus mRNA for myosin-RhoGAP protein Myr 7.//1.4e-83:549:86//AJ001713

R-OVARC1000681//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 257E24, WORKING DRAFT SEQUENCE.//3.2e-13:160:76//AL034424

R-OVARC1000689//Schistocerca americana Antennapedia homeotic protein (Antp) mRNA, complete cds.//0.90:230:61//U32943

20 R-OVARC1000700//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//5.1e-15:133:85//AC005754

R-OVARC1000703//Homo sapiens chromosome 22, clone hRPC.130_H_16, complete sequence.//6.9e-48:525:73//AC005585

25 R-OVARC1000730//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00019:198:63//AQ093513

R-OVARC1000746//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.98:154:65//X95276

R-OVARC1000769//Human coagulation factor XI gene, intron 2, partial, clone pTZ18R.//2.0e-30:187:78//M21185

R-OVARC1000771

30 R-OVARC1000781//Sequence 5 from Patent WO9722695.//8.4e-47:401:77//A63552

R-OVARC1000787//Homo sapiens PAC clone DJ430N08 from 22q12.1-qter, complete sequence.//7.8e-111:567:96//AC004542

R-OVARC1000800//Homo sapiens mitochondrial HSP75 mRNA, complete cds.//1.3e-17:119:95//L15189

R-OVARC1000802//Homo sapiens chromosome 5, BAC clone 120c13 (LBNL H171), complete sequence.//2.3e-51:482:78//AC005574

35 R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC.//3.6e-105:536:95//Y1771

R-OVARC1000846//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete sequence.//2.7e-107:538:96//AC004494

R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds.//3.6e-114:579:96//AF045584

40 R-OVARC1000862//M.musculus F1f mRNA.//2.3e-20:346:73//X71978

R-OVARC1000876//Plasmodium falciparum chromosome 2, section 53 of 73 of the complete sequence.//9.1e-08:427:58//AE001416

R-OVARC1000883//Mus domesticus nuclear binding factor NF2d9 mRNA, complete cds.//5.6e-34:357:78//U20086

45 R-OVARC1000885//Lycopersicon esculentum alcohol dehydrogenase homolog (GAD3) mRNA, partial cds.//0.47:305:60//U21801

R-OVARC 1000886

R-OVARC1000891//HS_3082_A2_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3082 Col=8 Row=K, genomic survey sequence.//1.1e-16:187:79//AQ122500

50 R-OVARC1000897//Human DNA sequence from clone 192P9 on chromosome Xp11.23-11.4. Contains a pseudogene similar to rat Plasmolipin, ESTs and GSSs, complete sequence.//7.2e-07:476:60//AL020989

R-OVARC1000912

R-OVARC1000915//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1 ordered pieces.//5.4e-70:509:86//AC004150

55 R-OVARC1000924//Homo sapiens Chromosome 22q11.2 Cosmid Clone cosk In NF1 Region, complete sequence.//1.6e-77:465:90//AC002471

R-OVARC1000936//HS_2195_A2_C12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2195 Col=24 Row=E, genomic survey sequence.//2.4e-76:463:90//AQ191108

- R-OVARC1000937//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE.//0.0028:161:65//Z99716
- R-OVARC1000945//Rattus norvegicus mRNA for atypical PKC specific binding protein, complete cds.//3.5e-62:526:78//AB005549
- 5 R-OVARC1000948//Hypera postica NADH dehydrogenase subunit 1 (ND1) gene, partial cds, tRNA-Leu gene, complete sequence, and 16S ribosomal gene, partial sequence, mitochondrial genes encoding mitochondrial products.//0.018:212:61//U61169
- R-OVARC1000959//CIT-HSP-2371K16.TR CIT-HSP Homo sapiens genomic clone 2371K16, genomic survey sequence.//1.1e-45:303:87//AQ111323
- 10 R-OVARC1000960//Homo sapiens BAC clone GS293C05 from 7q21-q22, complete sequence.//7.5e-44:353:81//AC005021
- R-OVARC1000971//H.sapiens DNA for repeat unit locus D18S51(285 bp).//2.2e-07:223:70//X91255
- R-OVARC1000984
- 15 R-OVARC1000996//Human DNA sequence from clone 272L16 on chromosome 1q32.1-32.3. Contains the 3' end of the LAMB3 gene for Laminin, Beta 3 (Nicein, Kalinin, BM600) and a novel Rat Ca²⁺/Calmodulin dependent Protein Kinase LIKE gene. Contains ESTs, STSs, GSSs, genomic marker D1S491 and a ca repeat polymorphism, complete sequence.//1.3e-06:179:70//AL023754
- R-OVARC1000999//Homo sapiens chromosome 17, clone hCIT.457_L_16, complete sequence.//5.8e-71:332:87//AC003957
- 20 R-OVARC1001000//HS_3032_B1_G11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3032 Col=21 Row=N, genomic survey sequence.//5.1e-51:257:99//AQ096695
- R-OVARC1001004//Homo sapiens from UWGC:y18c282 from 6p21, complete sequence.//5.6e-92:473:96//AC004190
- R-OVARC1001010//RPCI11-10P1.TV RPCI-11 Homo sapiens genomic clone RPCI-11-10P1, genomic survey sequence.//4.1e-05:201:65//B71813
- 25 R-OVARC1001011//Homo sapiens clone DJ1021120, WORKING DRAFT SEQUENCE, 6 unordered pieces.//7.9e-18:219:69//AC005520
- R-OVARC1001032//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING DRAFT SEQUENCE.//2.7e-89:464:86//AL022345
- 30 R-OVARC1001034//Homo sapiens chromosome 20, BAC clone 99 (LBNL H80), complete sequence.//1.4e-18:451:64//AC005220
- R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds.//1.3e-99:501:96//AF099149
- R-OVARC1001040//Homo sapiens chromosome 17, clone hRPK.1096_G_20, complete sequence.//9.7e-17:180:78//AC005410
- 35 R-OVARC1001044
- R-OVARC1001051//H.sapiens mRNA for homologue to yeast ribosomal protein L41.//3.7e-15:124:88//Z12962
- R-OVARC1001055//Homo sapiens, clone hRPK.15_A_1, complete sequence.//2.0e-30:292:76//AC006213
- R-OVARC1001062//Sequence 65 from patent US 5691147.//2.6e-54:312:92//I76237
- 40 R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds.//2.3e-95:463:98//AF082657
- R-OVARC1001072//Gallus gallus chicken brain factor-2 (CBF-2) mRNA, complete cds.//0.92:272:59//U47276
- R-OVARC1001074//HS_2205_A1_D07_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2205 Col=13 Row=G, genomic survey sequence.//1.3e-35:205:94//AQ184530
- R-OVARC1001085
- 45 R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin)).//4.5e-95:325:98//AJ005897
- R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds.//1.0e-73:386:95//AF051782
- R-OVARC1001117//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//6.1e-37:314:81//AC005272
- 50 R-OVARC1001118//Homo sapiens chromosome 5, P1 clone 1195e2 (LBNL H73), complete sequence.//1.5e-44:390:77//AC005372
- R-OVARC1001129//Rickettsia prowazekii strain Madrid E, complete genome; segment 1/4.//0.81:461:57//AJ235270
- R-OVARC1001161//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 850H21, WORKING DRAFT SEQUENCE.//4.6e-08:342:64//AL031680
- 55 R-OVARC1001162//CIT-HSP-2171J2.TR CIT-HSP Homo sapiens genomic clone 2171J2, genomic survey sequence.//5.9e-48:347:85//B89781
- R-OVARC1001167//Homo sapiens clone DJ1102A12, WORKING DRAFT SEQUENCE, 15 unordered pieces.//

1.3e-28:427:70//AC004963
 R-OVARC1001169//RPCI11-36P6.TV RPCI-11 Homo sapiens genomic clone RPCI-11-36P6, genomic survey se-
 quence.//0.56:113:72//AQ045859
 R-OVARC1001170//Homo sapiens Xp22 BAC GS-377014 (Genome Systems Human BAC library) complete se-
 5 quence.//8.8e-39:301:85//AC002549
 R-OVARC1001173//Human clone HS2.30 Alu-Ya5 sequence.//2.4e-35:183:83//U67213
 R-OVARC1001180//Homo sapiens 12q24.1 NOVECTOR P443K8 () complete sequence.//9.1e-41:516:72//
 AC005907
 R-OVARC1001188//Homo sapiens Chromosome 11p14.3 PAC clone pDJ1034g4, complete sequence.//1.2e-14:
 10 134:85//AC004796
 R-OVARC1001200//ALS=85 kda insulin-like growth factor binding protein-3 complex acid-labile subunit [baboons,
 liver, mRNA Partial, 1818 nt].//0.12:345:60//S83462
 R-OVARC1001232//Bovine tyrosine hydroxylase mRNA, complete cds.//0.66:257:59//M36794
 R-OVARC1001240//Homo sapiens chromosome 17, clone hCIT.124_H_2, complete sequence.//1.4e-41:284:87//
 15 AC006071
 R-OVARC1001243//HS_2055_B2_C01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2055 Col=2 Row=F, genomic survey sequence.//0.59:83:75//AQ243142
 R-OVARC1001261//Crocodylus porosus mRNA for transthyretin.//0.93:121:66//AJ223148
 R-OVARC1001268
 20 R-OVARC1001270//Plasmodium falciparum MAL3P6, complete sequence.//0.0031:295:62//Z98551
 R-OVARC1001271//Homo sapiens chromosome 16, cosmid clone 390H2 (LANL), complete sequence.//1.6e-107:
 544:97//AC004494
 R-OVARC1001282//Homo sapiens Xp22-39-47 PAC RPCI1-199J3 (Roswell Park Cancer Institute Human PAC
 Library) complete sequence.//0.025:402:59//AC006062
 25 R-OVARC1001296//Homo sapiens echinoderm microtubule-associated protein homolog HuEMAP mRNA, com-
 plete cds.//1.1e-05:319:62//U97018
 R-nnnnnnnnnnnn//Sequence 13 from patent US 5624818.//5.4e-85:577:84//I41142
 R-OVARC1001329//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30G7, WORKING
 DRAFT SEQUENCE.//4.2e-71:282:88//AL034402
 30 R-OVARC1001330//Homo sapiens PAC clone DJ0697H17 from 7q11.23-q21.1, complete sequence.//0.19:256:
 59//AC004862
 R-OVARC1001339//Homo sapiens 12q13 PAC RPCI1-316M24 (Roswell Park Cancer Institute Human PAC library)
 complete sequence.//2.5e-49:366:83//AC004242
 R-OVARC1001341//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 695O20, WORKING
 35 DRAFT SEQUENCE.//4.8e-26:447:69//AL032818
 R-OVARC1001342//Homo sapiens chromosome 10 clone CIT987SK-1175G20 map 10q25.2-10q25.3, complete
 sequence.//5.5e-86:569:86//AC005874
 R-OVARC1001344//Homo sapiens chromosome 5, BAC clone 261j17 (LBNL H190), complete sequence.//2.8e-
 46:424:78//AC005350
 40 R-OVARC1001357//Sequence 1 from patent US 5597707.//3.0e-42:250:93//I34297
 R-OVARC1001360//Homo sapiens chromosome 17, clone hRPK.786_O_4, complete sequence.//0.20:335:60//
 AC005863
 R-OVARC 1001369
 R-OVARC1001372//S.scrofa DNA for myogenin 3'flanking region (285 bp).//6.9e-29:249:83//X89210
 45 R-OVARC1001376//Homo sapiens BAC clone RG139P11 from 7q11-q21, complete sequence.//2.1e-50:491:73//
 AC004491
 R-OVARC1001381//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//9.3e-20:422:
 60//AC005821
 R-OVARC1001391
 50 R-nnnnnnnnnnnn
 R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds.//9.9e-110:561:95//AB00665
 R-OVARC1001419//CIT-HSP-2362F16.TR CIT-HSP Homo sapiens genomic clone 2362F16, genomic survey se-
 quence.//7.6e-47:242:98//AQ074668
 R-OVARC1001425//Homo sapiens PAC clone DJ1108A12 from 14q24.3, complete sequence.//2.3e-20:211:66//
 55 AC005157
 R-OVARC1001436//Human DNA flanking 3' end of transposon L1.1.//0.18:148:66//M80341
 R-OVARC1001442
 R-OVARC1001453//Human PAC clone DJ525N14 from Xq23, complete sequence.//2.3e-19:181:81//AC002086

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R-OVARC1001476//CITBI-E1-2517B6.TR CITBI-E1 Homo sapiens genomic clone 2517B6, genomic survey sequence.//0.24:308:59//AQ278655

R-OVARC1001480//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 753D4, WORKING DRAFT SEQUENCE.//0.99:294:62//AL031676

5 R-OVARC1001489//E.caballus microsatellite DNA marker (clone ASB32).//0.87:81:71//X93546

R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds.//9.3e-116:585:96//AF016507

R-OVARC1001506//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-13F4 ~complete genomic sequence, complete sequence.//2.6e-40:285:86//AC002039

10 R-OVARC1001525//Homo sapiens clone NH0215P16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.0:320:59//AC006036

R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds.//5.0e-110:566:95//AB016488

R-OVARC1001547

R-OVARC1001577//Homo sapiens SRp46 splicing factor transcribed retropseudogene.//5.9e-33:216:92//AF031165

15 R-OVARC1001600//Human Chromosome X, complete sequence.//3.0e-22:157:89//AC002418

R-OVARC1001610//HS_3070_A2_A06_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3070 Col=12 Row=A, genomic survey sequence.//0.47:107:66//AQ103523

R-OVARC1001611//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1185N5, WORKING DRAFT SEQUENCE.//0.17:236:63//AL034423

20 R-OVARC1001615//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 310O13, WORKING DRAFT SEQUENCE.//1.3e-19:248:70//AL031658

R-OVARC1001668//HS_3228_A2_E12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3228 Col=24 Row=I, genomic survey sequence.//4.6e-13:156:76//AQ188379

25 R-OVARC1001702//CITBI-E1-2501P16.TR.1 CITBI-E1 Homo sapiens genomic clone 2501P16, genomic survey sequence.//1.6e-41:217:99//AQ241965

R-OVARC1001703

R-OVARC1001711//CITBI-E1-2502N10.TF CITBI-E1 Homo sapiens genomic clone 2502N10, genomic survey sequence.//2.0e-14:220:72//AQ266194

30 R-OVARC1001726//CIT-HSP-2320O1.TF CIT-HSP Homo sapiens genomic clone 2320O1, genomic survey sequence.//0.021:170:62//AQ038145

R-OVARC1001731//Human mRNA for fibroblast tropomyosin TM30 (pl).//2.5e-72:422:90//X05276

R-OVARC1001745//Human DNA sequence from clone 796111 on chromosome 20q12. Contains ESTs, an STS and GSSs, complete sequence.//7.6e-44:314:84//AL031257

35 R-nnnnnnnnnnnn//S.cerevisiae N-acetyltransferase (AAA1) mRNA, complete cds.//1.6e-08:396:60//M23166

R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//3.5e-108:567:94//U97670

R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0675 protein, complete cds.//6.3e-108:529:97//AB014575

R-OVARC1001768//Caenorhabditis elegans cosmid Y57G11A, complete sequence.//0.24:205:64//Z99279

40 R-OVARC1001791//Homo sapiens BAC clone RG118P15 from 8q21, complete sequence.//4.6e-58:558:76//AC005066

R-OVARC1001795

R-OVARC1001802//Human HLA class III region containing cAMP response element binding protein-related protein (CREB-RP) and tenascin X (tenascin-X) genes, complete cds, complete sequence.//1.1e-37:346:78//U89337

45 R-OVARC1001805//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1. Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase complex, part of an unknown gene downstream of a putative CpG island, and an STS with a CA repeat polymorphism, complete sequence.//3.0e-112:581:95//AL023694

R-OVARC1001812//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3. Contains a Keratin, Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an STS, complete sequence.//6.6e-41:345:81//AL031585

50 R-OVARC1001813//CITBI-E1-2508J18.TR CITBI-E1 Homo sapiens genomic clone 2508J18, genomic survey sequence.//1.6e-72:386:95//AQ263046

R-OVARC1001820//Human PAC clone DJ525N14 from Xq23, complete sequence.//4.8e-41:320:83//AC002086

55 R-OVARC1001828//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//3.4e-08:527:58//AC004688

R-OVARC1001846//CIT-HSP-2014F15.TR CIT-HSP Homo sapiens genomic clone 2014F15, genomic survey sequence.//0.0045:165:67//B58905

R-OVARC1001861//M.musculus mRNA for pMEM2 protein.//9.5e-28:405:68//X95350
 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence.//5.9e-104:571:91//AF070611
 R-OVARC1001879//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from
 gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island,
 complete sequence.//9.1e-20:206:80//AL031864
 5 R-OVARC1001880//RPC111-42115.TJ RPC111 Homo sapiens genomic clone R-42115, genomic survey se-
 quence.//3.9e-50:287:88//AQ052700
 R-OVARC1001883//Homo sapiens chromosome 17, clone hCIT.123_J_14, complete sequence.//6.1e-13:457:63//
 AC003950
 10 R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds.//
 2.5e-86:346:90//AF061749
 R-OVARC1001901//Homo sapiens testis specific methyl-CpG binding protein MBD2 (MBD2) mRNA, partial cds.//
 7.2e-89:421:100//AF072246
 R-OVARC1001911//Homo sapiens full-length insert cDNA clone ZD52F10.//8.2e-106:510:98//AF086315
 15 R-OVARC1001916
 R-OVARC1001928
 R-OVARC1001942//S.cerevisiae N-acetyltransferase (AAA1) mRNA, complete cds.//0.0013:231:63//M23166
 R-OVARC1001943//Human immunodeficiency virus type 1, strain FRMP329, envelope glycoprotein V3 region
 (env) gene, partial cds.//0.14:173:64//U58826
 20 R-OVARC1001949//Human zinc finger protein 20 (ZNF20) pentanucleotide repeat polymorphism.//1.3e-09:306:
 63//M99593
 R-OVARC1001950//Homo sapiens chromosome 17, clone hRPK.112_H_10, complete sequence.//8.2e-38:385:
 75//AC005666
 R-OVARC1001987
 25 R-OVARC1001989//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y57G11,
 WORKING DRAFT SEQUENCE.//6.3e-08:355:60//Z92841
 R-OVARC1002044//Human DNA sequence from clone 681J21 on chromosome 1q23.2-24.3 Contains CpG island,
 complete sequence.//5.0e-42:298:86//AL031286
 R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds.//1.4e-107:542:96//AB007934
 30 R-OVARC1002066//Arabidopsis thaliana chromosome II BAC F14M4 genomic sequence, complete sequence.//
 0.23:210:61//AC004411
 R-OVARC1002082//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//
 5.4e-99:546:92//AC006015
 R-OVARC1002107//Human DNA sequence from PAC 417G15 on chromosome Xq25-Xq26. Contains glypican-3
 precursor (intestinal protein OCI-5) (GTR2-2), pseudogene, ESTs.//4.4e-34:375:74//AL009174
 35 R-OVARC1002127
 R-OVARC1002138//CIT-HSP-2290O18.TF CIT-HSP Homo sapiens genomic clone 2290O18, genomic survey se-
 quence.//2.4e-07:316:62//AQ003988
 R-OVARC1002143//RPC111-54M8.TJ RPC111 Homo sapiens genomic clone R-54M8, genomic survey sequence.//
 2.3e-35:220:90//AQ083241
 40 R-OVARC1002156
 R-OVARC1002158//CITBI-E1-2514D4.TF CITBI-E1 Homo sapiens genomic clone 2514D4, genomic survey se-
 quence.//1.6e-12:140:79//AQ265720
 R-OVARC1002165//CIT-HSP-2307C9.TF CIT-HSP Homo sapiens genomic clone 2307C9, genomic survey se-
 quence.//5.0e-59:291:99//AQ020420
 45 R-OVARC1002182//P. falciparum SD17 gene for knob-associated histidine-rich protein.//0.74:161:65//Y00060
 R-PLACE1000004//D.discoideum gene for protein kinase.//0.00081:263:59//Z37981
 R-PLACE1000005//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING
 DRAFT SEQUENCE, 9 unordered pieces.//0.0082:477:58//AC005507
 50 R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence.//1.2e-14:100:97//AF070557
 R-PLACE1000014//Homo sapiens genomic DNA, chromosome 21q22.2, p1 clone: T1212 and T1601, WORKING
 DRAFT SEQUENCE.//2.8e-44:405:77//D83253
 R-PLACE1000031//Homo sapiens clone UWGC:y23c049 from 6p21, complete sequence.//1.8e-24:291:73//
 AC006162
 55 R-PLACE1000040//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y105C5,
 WORKING DRAFT SEQUENCE.//0.00039:289:61//Z98855
 R-PLACE1000048//Human BAC clone RG210I04, complete sequence.//4.7e-83:518:89//AC002462
 R-PLACE1000050//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING

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DRAFT SEQUENCE, 8 unordered pieces.//0.98:73:76//AC005505
R-PLACE1000061//Human ribosomal protein L37a mRNA sequence.//5.9e-21:125:98//L22154
R-PLACE1000066
5 R-PLACE1000078//Homo sapiens chromosome 11 clone CIT987SK-1012F4, WORKING DRAFT SEQUENCE, 6
unordered pieces.//1.2e-87:456:95//AC005848
R-PLACE1000081
R-PLACE1000094//RPC111-91K6.TV RPC111 Homo sapiens genomic clone R-91K6, genomic survey sequence.//
2.3e-83:409:98//AQ282619
10 R-PLACE1000133//Homo sapiens chromosome 17, clone hRPK.746_E_8, complete sequence.//1.8e-06:420:57//
AC005358
R-PLACE1000142
R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds.//1.3e-112:594:94//
AF058291
R-PLACE1000185
15 R-PLACE1000213//CIT-HSP-2308A18.TR CIT-HSP Homo sapiens genomic clone 2308A18, genomic survey se-
quence.//8.2e-80:410:97//AQ022149
R-PLACE1000214//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-09, complete
sequence.//1.6e-05:548:59//AL008989
R-PLACE1000236//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 695O20, WORKING
20 DRAFT SEQUENCE.//2.2e-16:118:91//AL032818
R-PLACE1000246//X.laevis mRNA for XLCL2 protein.//6.5e-13:66:95//Z14122
R-PLACE1000292//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 111B22, WORKING
DRAFT SEQUENCE.//6.6e-41:322:84//Z98200
25 R-PLACE1000332//Homo sapiens chromosome 17, clone hCIT.281_F_24, complete sequence.//1.8e-16:598:62//
AC004706
R-PLACE1000347//Homo sapiens PAC clone DJ1090P18 from 7q21-q22, complete sequence.//2.3e-11:237:69//
AC005326
R-PLACE1000374//Arabidopsis thaliana chromosome 1 BAC F15K9 sequence, complete sequence.//8.7e-09:
492:58//AC005278
30 R-PLACE1000380//Plasmodium falciparum chromosome 2, section 1 of 73 of the complete sequence.//0.59:354:
59//AE001364
R-PLACE1000383//Mus musculus myotubularin related protein 1 (Mtmr1) mRNA, complete cds.//0.55:65:84//
AF073997
R-PLACE1000401//Homo sapiens clone GS166C05, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.6e-
35 17:152:83//AC005015
R-PLACE1000406//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K21H1, complete sequence.//
0.51:346:58//AB020742
R-PLACE1000420//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 2/15,
WORKING DRAFT SEQUENCE.//1.5e-25:243:79//AP000009
40 R-PLACE1000421//HS_2251_B2_G12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=2251 Col=24 Row=N, genomic survey sequence.//1.4e-82:430:95//AQ192807
R-PLACE1000424//Human PAC clone DJ515N1 from 22q11.2-q22, complete sequence.//1.8e-36:483:71//
AC002073
45 R-PLACE1000435//Homo sapiens chromosome 21q22.2 cosmid clone Q71A3, complete sequence.//2.6e-37:371:
76//AF015724
R-PLACE1000444//Homo sapiens chromosome 17, clone hRPK.227_G_15, complete sequence.//1.0e-54:429:
81//AC005899
R-PLACE1000453//Murine genomic DNA; partially digested Sau3A fragment, cloned into cosmid vector
pEMBLcos2, complete sequence.//0.66:103:72//AF059580
50 R-PLACE1000481//Human DNA sequence from clone 960O17 on chromosome Xp11.21-11.22 Contains EST, CA
repeat(DXS991), STS, GSS, complete sequence.//0.019:171:66//AL022166
R-PLACE1000492//Rat vacuolar protein sorting homolog r-vps33b mRNA, complete cds.//3.2e-17:221:72//
U35245
55 R-PLACE1000540//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING
DRAFT SEQUENCE, 5 unordered pieces.//0.00045:480:60//AC005308
R-PLACE1000547//Homo sapiens chromosome 19, cosmid F17987, complete sequence.//9.6e-32:231:85//
AC004790
R-PLACE1000562//, complete sequence.//1.8e-45:280:92//AC005409

R-PLACE1000564//Human chromosome 16 creatine transporter (SLC6A8) and (CDM) paralogous genes, complete cds.//0.0079:180:65//U41302

R-PLACE1000583//Homo sapiens chromosome 17, clone hRPK.799_N_11, complete sequence.//1.5e-37:414:74//AC005323

5 R-nnnnnnnnnnn//Human guanylate binding protein isoform I (GBP-2) mRNA, complete cds.//1.9e-77:542:82//M55542

R-PLACE1000596//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00019:482:59//AC005506

10 R-PLACE1000599//Human germline T-cell receptor beta chain Dopamine-beta-hydroxylase-like, TRY1, TRY2, TRY3, TCRBV27S1P, TCRBV22S1A2N1T, TCRBV9S1A1T, TCRBV7S1A1N2T, TCRBV5S1A1T, TCRBV13S3, TCRBV6S7P, TCRBV7S3A2T, TCRBV13S2A1T, TCRBV9S2A2PT, TCRBV7S2A1N4T, TCRBV13S9/13S2A1T, TCRBV6S5A1N1, TCRBV30S1P, TCRBV31S1, TCRBV13S5, TCRBV6S1A1N1, TCRBV32S1P, TCRBV5S5P, TCRBV1S1A1N1, TCRBV12S2A1T, TCRBV21S1, TCRBV8S4P, TCRBV12S3, TCRBV21S3A2N2T, TCRBV8S5P, TCRBV13S1 genes from bases 1 to 267156 (section 1 of 3).//5.6e-51:369:85//U66059

15 R-PLACE1000610//HS_3071_A1_C05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3071 Col=9 Row=E, genomic survey sequence.//0.051:147:65//AQ103341

R-PLACE1000636//HS_3220_B2_E09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3220 Col=18 Row=J, genomic survey sequence.//0.010:253:64//AQ181157

20 R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds.//1.6e-99:506:96//AF102265

R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin)).//4.5e-101:559:92//AJ005896

R-PLACE1000706//nuclear protein TIF1 [mice, mRNA, 3951 nt].//9.1e-10:331:63//S78219

R-PLACE1000712//Homo sapiens full-length insert cDNA clone ZD76G10.//1.0e-69:345:98//AF086408

25 R-PLACE1000716//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//1.0:174:62//AC002300

R-PLACE1000748//Plasmodium falciparum MAL3P3, complete sequence.//1.0e-06:337:60//Z98547

R-PLACE1000749//cSRL-15g9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-15g9, genomic survey sequence.//8.8e-26:236:80//B02791

30 R-PLACE1000755//HS_2183_B1_H11_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=21 Row=P, genomic survey sequence.//0.47:151:65//AQ064202

R-PLACE1000769//Homo sapiens clone DJ0647J21, WORKING DRAFT SEQUENCE, 10 unordered pieces.//7.0e-38:492:74//AC004847

R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds.//2.6e-101:513:96//AB014548

35 R-PLACE1000786//Human putative outer mitochondrial membrane 34 kDa translocase hTOM34 mRNA, complete cds.//0.078:180:68//U58970

R-nnnnnnnnnnn

R-PLACE1000798//Homo sapiens cosmid D66B10, chromosome 21 5' of IFNAR1.//5.1e-26:348:72//AF039904

40 R-PLACE1000841//Human guanine nucleotide regulatory protein (NET1) mRNA, complete cds.//1.4e-26:110:95//U02081

R-nnnnnnnnnnn//Homo sapiens full-length insert cDNA clone ZD55D10.//1.4e-13:93:96//AF086334

R-PLACE1000856//Anopheles quadrimaculatus NADH dehydrogenase subunits (1-4, 4L, 5-6); cytochrome oxidase subunits (1-3); adenosine triphosphatase subunits (6,8); cytochrome b; transfer RNA; ribosomal RNA (large and small subunits).//2.7e-09:484:59//L04272

45 R-PLACE1000863

R-PLACE1000909//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//3.0e-05:274:60//AC005505

R-PLACE1000931//RPC111-66P7.TK RPC111 Homo sapiens genomic clone R-66P7, genomic survey sequence.//3.4e-73:369:97//AQ237489

50 R-PLACE1000948//RPC111-64K15.TK RPC111 Homo sapiens genomic clone R-64K15, genomic survey sequence.//6.6e-06:258:62//AQ239337

R-PLACE1000972//Homo sapiens chromosome 17, clone hRPK.112_J_9, complete sequence.//8.3e-20:223:76//AC005553

55 R-PLACE1000977//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//0.00030:448:59//AC005506

R-PLACE1000979

R-PLACE1001000//CIT-HSP-2297I8.TF CIT-HSP Homo sapiens genomic clone 2297I8, genomic survey se-

quence.//7.0e-07:64:95//AQ004997
 R-PLACE1001007//Human endothelial nitric oxide synthase gene, complete cds.//0.0078:215:64//D26607
 R-PLACE1001010
 R-PLACE1001015//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 150C2, WORKING
 5 DRAFT SEQUENCE.//1.5e-16:452:63//AL022318
 R-PLACE1001024//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 417M14, WORKING
 DRAFT SEQUENCE.//0.99:186:63//AL024498
 R-PLACE1001036//Homo sapiens clone DJ1136G02, WORKING DRAFT SEQUENCE, 4 unordered pieces.//2.5e-
 15:313:68//AC005377
 10 R-PLACE1001062//Homo sapiens chromosome 17, clone hCIT54K19, complete sequence.//7.3e-16:119:84//
 AC003664
 R-PLACE1001076
 R-PLACE1001088//Human DNA sequence from cosmid 203C2, between markers DXS6791 and DXS8038 on
 chromosome X contains ESTs.//0.97:332:59//Z74696
 15 R-PLACE1001092//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING
 DRAFT SEQUENCE, 5 unordered pieces.//6.2e-07 :302:62//AC005139
 R-PLACE1001104//Plasmodium falciparum chromosome 2, section 9 of 73 of the complete sequence.//0.057:280:
 60//AE001372
 R-PLACE1001118//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5')
 20 two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and
 STSs, complete sequence.//4.9e-06:334:60//Z84480
 R-PLACE1001136//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2
 ordered pieces.//1.1e-31:331:75//AC005412
 R-PLACE1001168//HS_2036_A1_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=2036 Col=7 Row=O, genomic survey sequence.//0.40:144:63//AQ230662
 R-PLACE1001171
 R-PLACE1001185
 R-PLACE1001238//Human coxVlb gene, last exon and flanking sequence.//3.4e-36:349:76//X58139
 R-PLACE1001241//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-20, complete
 30 sequence.//0.11:258:61//AL008972
 R-PLACE1001257//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone B4P3; HTGS
 phase 1, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.9e-46:484:73//AC000016
 R-PLACE1001272//Homo sapiens chromosome 21q22.3 PAC 191P10, complete sequence.//0.89:119:65//
 AF045448
 35 R-PLACE1001279//Caenorhabditis elegans cosmid Y39A1C, complete sequence.//0.99:95:69//AL023839
 R-PLACE1001280//CIT-HSP-2328B24.TF CIT-HSP Homo sapiens genomic clone 2328B24, genomic survey se-
 quence.//5.4e-24:147:76//AQ042129
 R-PLACE1001294//M.musculus GEG-154 mRNA.//1.3e-22:472:65//X71642
 R-PLACE1001304//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and
 40 R32804, complete sequence.//2.2e-22:139:77//AC003682
 R-PLACE1001311//Loligo pealei repeat region.//0.84:232:64//Z18286
 R-PLACE1001323//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5')
 two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and
 STSs, complete sequence.//7.2e-39:308:83//Z84480
 45 R-PLACE1001351//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y39B6,
 WORKING DRAFT SEQUENCE.//0.0018:408:59//Z95399
 R-PLACE1001366//Human Na⁺/phosphate co-transporter gene, exon 1, partial sequence.//2.2e-46:369:82//
 D89927
 R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds.//7.1e-80:431:93//AF009615
 50 R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence.//3.6e-35:192:97//AF055030
 R-PLACE1001384//Homo sapiens mRNA for multi PDZ domain protein.//2.6e-86:456:94//AJ001319
 R-PLACE1001387
 R-PLACE1001395//Nyctalus leisleri mitochondrial D-loop, partial sequence.//0.054:148:68//U95355
 R-PLACE1001399//Homo sapiens chromosome 17, clone hRPK.22_N_12, WORKING DRAFT SEQUENCE, 2
 55 ordered pieces.//6.7e-70:352:98//AC005412
 R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence.//8.0e-44:242:95//AF091087
 R-PLACE1001414//Homo sapiens chromosome 9, clone hRPK.202_H_3, complete sequence.//0.12:53:84//
 AC006241

R-PLACE1001440//Homo sapiens Xq28 genomic DNA in the region of the ALD locus containing the genes for creatine transporter (SLC6A8), CDM, adrenoleukodystrophy (ALD), Na⁺-isocitrate dehydrogenase gamma subunit (IDH), and translocon-associated protein delta (TRAP) genes, complete cds, plexin related protein (PLEXR) and serine kinase (SK) genes, partial cds, Xq281u1 gene and cytochrome C (CCp) pseudogene.//1.0:250:61//U52111
 5 R-PLACE1001456//Borrelia burgdorferi (section 16 of 70) of the complete genome.//0.0077:173:62//AE001130
 R-PLACE1001468//HS_3050_A2_D07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3050 Col=14 Row=G, genomic survey sequence.//0.00023:202:65//AQ133920
 R-PLACE1001484//Homo sapiens Xq28 BAC PAC and cosmid clones containing FMR2 gene exons 1,2, and 3, complete sequence.//7.2e-17:180:80//AC002368
 10 R-PLACE1001502//RPCI11-24F2.TP RPCI-11 Homo sapiens genomic clone RPCI-11-24F2, genomic survey sequence.//0.15:203:66//B84401
 R-PLACE1001503//HS_2183_A1_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2183 Col=19 Row=C, genomic survey sequence.//1.3e-38:181:82//AQ022613
 R-PLACE1001517//Homo sapiens hGAA1 mRNA, complete cds.//6.4e-56:339:90//AB006969
 15 R-PLACE1001534//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 620E11, WORKING DRAFT SEQUENCE.//8.6e-59:304:97//AL031667
 R-PLACE1001545//Homo sapiens chromosome 3, clone hRPK.165_I_16, complete sequence.//2.6e-18:171:82//AC 005669
 R-PLACE1001551
 20 R-PLACE1001570//M.capricolum DNA for CONTIG MC188.//0.0043:305:57//Z33135
 R-PLACE1001602//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//2.5e-82:408:98//AB020860
 R-PLACE1001603//Homo sapiens KE05 protein mRNA, complete cds.//1.5e-40:295:84//AF064605
 R-PLACE1001610//Homo sapiens clone NH0469M07, WORKING DRAFT SEQUENCE, 7 unordered pieces.//
 25 2.5e-39:307:82//AC005037
 R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds.//4.9e-41:217:97//AF054174
 R-PLACE1001632//Human DNA binding protein (HPF2) mRNA, complete cds.//1.4e-08:178:65//M27878
 R-PLACE1001634//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone H06C16, WORKING DRAFT SEQUENCE.//0.00026:221:62//Z92791
 30 R-PLACE1001640//Homo sapiens chromosome 17, clone hRPK.651_L_9, complete sequence.//2.6e-83:441:95//AC005971
 R-PLACE1001672//H.sapiens flow-sorted chromosome 6 TaqI fragment, SC6pA26H8.//0.91:115:69//Z79253
 R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//1.5e-111:545:97//AF069250
 35 R-PLACE1001692//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.0e-46:478:75//AC005077
 R-PLACE1001705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 250D10, WORKING DRAFT SEQUENCE.//0.79:91:73//Z99716
 R-PLACE1001716//Homo sapiens Xp22 PAC RPCI1-167A22 (from Roswell Park Cancer Center) complete sequence.//0.96:172:66//AC002349
 40 R-PLACE1001720
 R-PLACE1001729//Human interleukin-13 (IL-13) precursor gene, complete cds.//0.79:280:60//U31120
 R-PLACE1001739//Homo sapiens chromosome 19, CIT-HSP-444n24, complete sequence.//1.0:109:65//AC005261
 45 R-PLACE1001740//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//5.3e-11:249:67//AC006027
 R-PLACE1001745
 R-PLACE1001746//Homo sapiens chromosome 4 clone B200N5 map 4q25, complete sequence.//6.0e-05:337:61//AC005509
 50 R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//1.3e-91:540:89//AF061243
 R-PLACE1001756//Human BAC clone RG302F04 from 7q31, complete sequence.//0.074:344:62//AC002463
 R-PLACE1001761
 R-PLACE1001771//Homo sapiens full-length insert cDNA clone ZD79C11.//4.4e-57:298:96//AF086426
 R-PLACE1001781//T.thermophila micronuclear DNA containing to chromosomal breakage sequence Cbs-1, clone Tt819.//4.6e-05:282:61//M15711
 55 R-PLACE1001799//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.015:331:58//AC004710
 R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds.//

4.1e-92:463:95//AF058953
 R-PLACE1001821//***ALU WARNING: Human Alu-J subfamily consensus sequence.//3.6e-36:281:82//U14567
 R-PLACE1001845//Mus musculus Paneth cell enhanced expression PCEE mRNA, complete cds.//9.1e-26:313:73//U37351
 5 R-PLACE1001869
 R-PLACE1001897//Mus musculus homeobox protein (D1x5) mRNA, complete cds.//0.0043:207:64//AF033011
 R-PLACE1001912//RPC111-25F23.TKBR RPCI-11 Homo sapiens genomic clone RPCI-11-25F23, genomic survey sequence.//6.3e-33:248:67//AQ013567
 R-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds.//5.0e-73:363:98//AF070671
 10 R-PLACE1001928//Homo sapiens chromosome 17, clone hRPK.642_C_21, complete sequence.//0.98:248:60//AC005245
 R-PLACE1001983//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y40H7, WORKING DRAFT SEQUENCE.//0.12:157:61//AL021389
 R-PLACE1001989//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//1.4e-44:376:80//AL023755
 15 R-PLACE1002046//CITBI-E1-2520J24.TF CITBI-E1 Homo sapiens genomic clone 2520J24, genomic survey sequence.//4.5e-20:144:89//AQ280117
 R-PLACE1002052//Human DNA sequence from cosmid U160A4, between markers DXS366 and DXS87 on chromosome X contains STS.//0.025:362:57//Z80900
 20 R-PLACE1002066//Leishmania tarentolae maxicircle DNA fragment.//0.0034:197:62//X02438
 R-PLACE1002072//Homo sapiens chromosome 5, P1 clone 854b11 (LBNL H44), complete sequence.//9.7e-06:414:60//AC004763
 R-PLACE1002073
 R-PLACE1002090//Homo sapiens Chromosome 16 BAC clone CIT987-SKA-345G4 ~complete genomic sequence, complete sequence.//1.8e-06:278:63//AC002302
 25 R-PLACE1002115//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y214H10, WORKING DRAFT SEQUENCE.//6.0e-12:327:64//AL022344
 R-PLACE1002119//Mus musculus IERS (Ier5) mRNA, complete cds.//5.1e-67:442:86//AF079527
 R-PLACE1002140//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1.
 30 Contains ESTs, STSs and GSSs, complete sequence.//2.2e-80:403:97//AL022162 R-PLACE1002150//Human DNA sequence from PAC 145B12 on chromosome Xq27-Xq28. Contains EST, CA repeat and STS.//0.043:455:59//AL008706
 R-PLACE1002157//Human DNA sequence from Fosmid 65B7 on chromosome 22q11.2-qter. Contains exons 6-12 of the SLC5A1 (SGLT1) gene for solute carrier family 5 (sodium/glucose cotransporter) member 1 (High Affinity Sodium-Glucose Cotransporter), complete sequence.//9.8e-58:384:79//Z83849
 35 R-PLACE1002163//Canis familiaris MHC class IIA DLA-DQA (DQA 1 allele) gene, exon 2, partial cds.//0.82:96:70//U44785
 R-PLACE1002171//Homo sapiens PAC clone DJ1100F23 from 7q31, complete sequence.//0.83:196:65//AC004456
 40 R-PLACE1002205//Human DNA sequence from PAC 436M11 on chromosome Xp22.11-22.2. Contains the serine threonine protein phosphatase gene PPEF1, and the first coding exon of the RS1 gene for retinoschisis (X-linked, juvenile) 1 (XLR51). Contains ESTs, an STS and GSSs, complete sequence.//0.0017:193:61//Z94056
 R-PLACE1002213//Homo sapiens chromosome 19, fosmid 37308, complete sequence.//8.0e-42:330:81//AC004152
 45 R-PLACE1002227//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//2.1e-10:126:80//AC003071
 R-PLACE1002256//Homo sapiens clone DJ0853H20, WORKING DRAFT SEQUENCE, 5 unordered pieces.//2.7e-06:478:57//AC004907
 50 R-PLACE1002259//Human DNA sequence from cosmid U75A4 on chromosome X.//6.5e-81:501:88//Z82255
 R-PLACE1002319//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00023:549:58//AC005505
 R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds.//4.9e-94:501:93//AB018271
 R-PLACE1002395//Homo sapiens chromosome 19, cosmid R34382, complete sequence.//1.4e-69:385:93//AC005329
 55 R-PLACE1002399//Human HepG2 3' region cDNA, clone hmd5d06.//2.4e-71:411:92//D16939
 R-PLACE1002433//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 173D1, WORKING DRAFT SEQUENCE.//0.85:176:63//AL031984

R-PLACE1002437//Human BAC clone RG114A06 from 7q31, complete sequence.//0.0040:213:63//AC002542
 R-PLACE1002438//CITBI-E1-2501M20.TF.1 CITBI-E1 Homo sapiens genomic clone 2501M20, genomic survey
 sequence.//0.70:247:61//AQ242104
 R-PLACE1002450//Homo sapiens 959 kb contig between AML1 and CBR1 on chromosome 21q22; segment 1/3.//
 5 0.00060:471:59//AJ229041
 R-PLACE1002465//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//
 2.5e-10:98:81//AC004854
 R-PLACE1002474//Mus musculus matrilin-2 precursor mRNA, complete cds.//1.7e-25:199:71//U69262
 R-PLACE1002477//Human DNA sequence from PAC 50A13 on chromosome Xp11. Contains ATP SYNTHASE
 10 LIPID BINDING PROTEIN P1 (P2, P3) precursor (ATP5G1, ATP5G2, ATP5G3) like pseudogene, ESTs and STSs.
 Contains polymorphic CA repeat.//1.2e-11:382:63//Z92545
 R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds.//1.1e-
 53:307:91//AF042273
 R-PLACE1002499//Plasmodium falciparum MAL3P6, complete sequence.//0.56:270:60//Z98551
 15 R-PLACE1002500//CIT-HSP-2337C20.TR CIT-HSP Homo sapiens genomic clone 2337C20, genomic survey se-
 quence.//3.2e-42:297:85//AQ037614
 R-PLACE1002514//Human DNA Sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING
 DRAFT SEQUENCE.//7.8e-16:221:73//Z95114
 R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds.//1.6e-86:582:85//AB018256
 20 R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1, complete sequence.//9.0e-91:453:97//
 AC004774
 R-PLACE1002537//Hansenula wingei mitochondrial gene for NADH dehydrogenase subunit 5, complete cds.//
 0.0042:489:60//D16253
 R-PLACE1002571//Apis mellifera ligustica complete mitochondrial genome.//0.034:493:55//L06178
 25 R-PLACE1002578//Homo sapiens chromosome 5, Pac clone 9c13 (LBNL H127), complete sequence.//2.5e-44:
 292:84//AC006084
 R-PLACE1002583//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete
 cds.//3.1e-17:517:61//AF045555
 R-PLACE1002591
 30 R-PLACE1002598//Caenorhabditis elegans cosmid Y37D8A, complete sequence.//0.080:308:60//AL032626
 R-PLACE1002604//Human cosmid LL12NC01-88A9, ETV6 gene, exons 6, 7 and 8 and partial cds.//0.0013:176:
 65//U63313
 R-PLACE1002625//HS_2233_B2_H04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=2233 Col=8 Row=P, genomic survey sequence.//5.2e-13:137:79//AQ146663
 35 R-PLACE1002665//Mus musculus enhancer of polycomb (Epc1) mRNA, complete cds.//5.8e-46:272:94//
 AF079765
 R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds.//1.2e-
 77:390:97//AF068180
 R-PLACE1002714//Mus musculus clone OST2473, genomic survey sequence.//1.3e-35:328:78//AF046656
 40 R-PLACE1002722//Sequence 1 from patent US 5686597.//1.7e-42:276:89//I73723
 R-PLACE1002768//Homo sapiens Xp22 bins 169-171 BAC GSHB-383H3 (Genome Systems Human BAC Library)
 complete sequence.//0.0098:197:64//AC005185
 R-PLACE1002772//Homo sapiens PAC clone DJ0560O14 from 7q21.1-q21.2, complete sequence.//6.7e-49:378:
 82//AC006145
 45 R-PLACE1002782
 R-PLACE1002794
 R-PLACE1002811//CIT-HSP-2316H11.TF CIT-HSP Homo sapiens genomic clone 2316H11, genomic survey se-
 quence.//6.0e-50:250:100//AQ034981
 R-PLACE1002815//Sequence 2 from patent US 5747660.//2.7e-59:312:84//AR005279
 50 R-PLACE1002816//Homo sapiens 12q13.1 PAC RPCI5-1057I20 (Roswell Park Cancer Institute Human PAC li-
 brary) complete sequence.//6.3e-59:339:93//AC004466
 R-PLACE1002834//Figure 2. Nucleotide and translated protein sequences of HPF1, -2, and-9.//1.4e-78:413:95//
 M27877
 R-PLACE1002839//Homo sapiens PAC clone DJ0015I23 from 22, complete sequence.//6.5e-25:301:74//
 55 AC004819
 R-PLACE1002851//CIT-HSP-2317M9.TR CIT-HSP Homo sapiens genomic clone 2317M9, genomic survey se-
 quence.//0.0011:210:61//AQ040519
 R-PLACE1002853//Human interleukin 6 (IL6) gene, 3' flank.//5.8e-06:327:61//J03049

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R-PLACE1002881
R-PLACE1002908//HS_3064_A1_D04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3064 Col=7 Row=G, genomic survey sequence.//1.9e-09:156:72//AQ142985
R-PLACE1002941
5 R-PLACE1002962
R-PLACE1002968//Human DNA sequence from clone 109F14 on chromosome 6p21.2-21.3. Contains the alternatively spliced gene for Transcriptional Enhancer Factor TEF-5, the 60S Ribosomal Protein RPL10A gene, a PUTATIVE ZNF127 LIKE gene, and the PPAR Δ for Peroxisome Proliferator Activated Receptor Delta (PPAR-Delta, PPAR-Beta, Nuclear Hormone Receptor 1, NUC1, NUCI, PPARB). Contains three putative CpG islands, ESTs,
10 STSs, GSSs and a ca repeat polymorphism, complete sequence.//1.9e-32:314:77//AL022721
R-PLACE1002991//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 968D22, WORKING DRAFT SEQUENCE.//1.6e-42:343:81//AL023755
R-PLACE1002993//Homo sapiens PAC clone DJ0899E09 from 7q11.23-q21.1, complete sequence.//0.56:88:72//AC004921
15 R-PLACE1002996//HS_2064_A1_A05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2064 Col=9 Row=A, genomic survey sequence.//4.9e-18:117:95//AQ243211
R-PLACE1003025//Homo sapiens PAC clone DJ0560O14 from 7q21.1-q21.2, complete sequence.//0.26:428:58//AC006145
R-PLACE1003027//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.3e-95:465:98//
20 AC005920
R-PLACE1003044
R-PLACE1003092//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete sequence.//3.6e-05:358:60//AL010266
R-PLACE1003100//HS_2244_A2_H12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2244 Col=24 Row=O, genomic survey sequence.//2.3e-42:288:86//AQ084224
25 R-PLACE1003108//Homo sapiens clone DJ0781A18, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.00066:233:61//AC004885
R-PLACE1003136//Plasmodium falciparum MAL3P2, complete sequence.//0.019:429:57//AL034558
R-PLACE1003145
30 R-PLACE1003153//Homo sapiens Xp22 BAC GSHB-536K7 (Genome Systems Human BAC library) complete sequence.//3.2e-05:390:58//AC004616
R-PLACE1003174//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MTE17, complete sequence.//2.4e-06:390:60//AB015479
R-PLACE1003176
35 R-PLACE1003190//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//4.0e-78:406:81//AC005095
R-PLACE1003200//Plasmodium falciparum MAL3P6, complete sequence.//0.016:411:57//Z98551
R-PLACE1003205//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.00084:288:61//AC005139
40 R-PLACE1003238//Homo sapiens full-length insert cDNA clone ZD79H11.//7.6e-114:567:96//AF086432
R-PLACE1003249//Human Chromosome X, complete sequence.//1.3e-45:317:85//AC002416
R-PLACE1003256//Homo sapiens chromosome 17, clone HCIT421K24, complete sequence.//1.0e-45:328:85//AC004099
R-PLACE1003258
45 R-PLACE1003296//Diphtheria sp. 16S ribosomal RNA gene, mitochondrial gene encoding mitochondrial rRNA, partial sequence.//0.050:228:59//U39952
R-PLACE1003302//Figure 2. Nucleotide and translated protein sequences of HPF1, 2, and-9.//1.7e-91:458:96//M27877
R-PLACE1003334//Homo sapiens DNA sequence from BAC 217C2 on chromosome 22q13-q13.33. Contains a gene for the presumptive isolog of Rat RTP60 (nuclear pore complex protein Npap60). Contains ESTs, complete
50 sequence.//4.3e-34:370:71//Z82243
R-PLACE1003342//CIT-HSP-2311D21.TF CIT-HSP Homo sapiens genomic clone 2311D21, genomic survey sequence.//1.0:159:68//AQ020460
R-PLACE1003343//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//1.1e-05:330:61//AC004153
55 R-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds.//3.4e-98:469:98//U92715
R-PLACE1003361

R-PLACE1003366//Homo sapiens CAG repeated sequence.//0.018:319:61//AJ006805
 R-PLACE1003369//T18H17-T7 TAMU Arabidopsis thaliana genomic clone T18H17, genomic survey sequence.//
 0.050:155:63//B20174
 R-PLACE1003373//Homo sapiens chromosome 17, clone hRPC.1050_D_4, complete sequence.//1.2e-62:434:
 5 83//AC004771
 R-PLACE1003375//Dictyostelium discoideum golgesin (gol) gene, complete cds.//0.042:263:57//U89350
 R-PLACE1003383//Homo sapiens genomic DNA of 9q32 anti-oncogene of flat epithelium cancer, segment
 10/10.//1.7e-83:429:96//AB020878
 R-PLACE1003401//Homo sapiens chromosome 17, clone hRPK.85_B_7, complete sequence.//2.4e-13:175:76//
 10 AC005695
 R-PLACE1003420//Homo sapiens PAC clone DJ0988G15 from 7q33-q35, complete sequence.//2.1e-05:340:61//
 AC005587
 R-PLACE1003454//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-64, complete
 sequence.//0.47:411:58//AL009014
 15 R-PLACE1003478//M.capricolum DNA for CONTIG MC175.//0.51:253:59//Z33125
 R-PLACE1003493//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//4.6e-37:319:
 81//AC006080
 R-PLACE1003516//CIT-HSP-2295M19.TF CIT-HSP Homo sapiens genomic clone 2295M19, genomic survey se-
 quence.//1.0e-40:251:90//AQ007480
 20 R-PLACE1003519//Homo sapiens chromosome 21q22.3 PAC 141B3, complete sequence, containing ribosomal
 protein homologue pseudogene L23a.//2.7e-29:163:89//AF064859
 R-PLACE1003521//HS_3252_A2_G05_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3252 Col=10 Row=M, genomic survey sequence.//0.00017:274:60//AQ221562
 R-PLACE1003528//HS_2041_B1_B07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 25 nomic clone Plate=2041 Col=13 Row=D, genomic survey sequence.//6.6e-40:219:83//AQ230483
 R-PLACE1003537//Drosophila melanogaster mitochondrial cytochrome c oxidase subunits, ATPase6, 7 tRNAs
 (Trp, Cys, Tyr, Leu(UUR), Lys, Asp, Gly) genes, and unidentified reading frames A61, 2 and 3.//8.3e-05:300:61//
 J01404
 R-PLACE1003553//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING
 30 DRAFT SEQUENCE.//2.7e-87:450:96//AL031297
 R-PLACE1003566
 R-PLACE1003575//Homo sapiens chromosome 16, cosmid clone 325D7, complete sequence.//4.7e-20:148:78//
 AC003965
 R-PLACE1003583//Human DNA sequence from PAC 388N15 on chromosome Xq21.1.//3.5e-18:287:68//Z99571
 35 R-PLACE1003584
 R-PLACE1003592//Homo sapiens cosmid 223D9 from Xq28, complete sequence.//2.5e-10:153:73//AF061032
 R-PLACE1003593//Human BAC clone RG030H15 from 7q31, complete sequence.//6.9e-07:240:65//AC002066
 R-PLACE1003596//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y87G2,
 WORKING DRAFT SEQUENCE.//0.13:393:60//AL022597
 40 R-PLACE1003602//Homo sapiens mRNA expressed in placenta.//2.4e-95:576:88//D83200
 R-PLACE1003605//Homo sapiens BAC clone RG331C24 from 7q21, complete sequence.//2.9e-19:302:71//
 AC002081
 R-nnnnnnnnnnnnn
 R-PLACE1003618//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 191E19, WORKING
 45 DRAFT SEQUENCE.//8.3e-57:469:80//AL034451
 R-PLACE1003625//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
 DRAFT SEQUENCE, 4 unordered pieces.//2.1e-05:339:62//AC004688
 R-PLACE1003638//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING
 DRAFT SEQUENCE.//2.5e-38:279:84//AL022312
 50 R-PLACE1003669//HS_3054_A2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3054 Col=14 Row=I, genomic survey sequence.//0.014:265:61//AQ132713
 R-PLACE1003704//HS_3213_A1_D12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3213 Col=23 Row=G, genomic survey sequence.//0.80:195:61//AQ176784
 R-PLACE1003709//Human BAC clone RG126M09 from 7q21-q22, complete sequence.//0.018:152:61//
 55 AC002067
 R-PLACE1003711//Human endothelial nitric oxide synthase gene, complete cds.//1.7e-61:366:89//D26607
 R-PLACE1003723//Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one
 exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete sequence.//2.7e-

EP 1 074 617 A2

44:505:73//AL022336
R-PLACE1003738//H.sapiens DNA sequence.//0.93:185:60//Z22357
R-PLACE1003760//Human globin gene.//5.9e-97:538:91//M69023
5 R-PLACE1003762//Homo sapiens chromosome 17, clone HCIT39G8, complete sequence.//4.6e-13:134:79//AC003070
R-PLACE1003768//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//5.4e-12:189:71//AC005919
R-PLACE1003771//Homo sapiens BAC clone GS164B05 from 7p21-p22, complete sequence.//1.7e-119:619:95//AC004160
10 R-PLACE1003783
R-PLACE1003784//Homo sapiens chromosome 19, CIT-HSP-87m17 BAC clone, complete sequence.//5.6e-15:204:74//AC004659
R-PLACE1003795//CIT-HSP-2374C8.TR CIT-HSP Homo sapiens genomic clone 2374C8, genomic survey sequence.//7.0e-37:234:89//AQ114933
15 R-PLACE1003833//Homo sapiens full-length insert cDNA clone ZE15C06.//4.4e-59:313:95//AF086558
R-PLACE1003850
R-PLACE1003858
R-nnnnnnnnnnnnn
R-PLACE1003870//Homo sapiens Chromosome 22q11.2 Cosmid Clone 15a10 In DGCR Region, complete sequence.//8.7e-33:285:81//AC000072
20 R-nnnnnnnnnnnnn
R-PLACE1003886
R-PLACE1003888//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//0.73:127:65//AC004069
25 R-PLACE1003900//Homo sapiens ADP/ATP carrier protein (ANT-2) gene, complete cds.//1.9e-05:239:59//L78810
R-PLACE1003903//Homo sapiens full-length insert cDNA clone ZD78D11.//8.1e-74:369:97//AF086422
R-PLACE1003915//Mus musculus bone morphogenetic protein-6 (BMP-6) gene, exons 6 and 7 and complete cds.//0.56:247:61//U73520
R-PLACE1003923//Caenorhabditis elegans cosmid Y57G11C, complete sequence.//0.67:213:63//Z99281
30 R-PLACE1003932//Human DNA sequence from cosmid U90B3, on chromosome Xp11, contains ESTs.//8.7e-49:342:85//Z74022
R-PLACE1003936//H.sapiens gene for ventricular myosin light chain 2.//2.6e-09:394:61//Z15030
R-PLACE1003968//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-62, complete sequence.//1.3e-07:245:65//AL010247
35 R-PLACE1004104
R-PLACE1004114//Human PAC clone RG212D03, complete sequence.//5.0e-07:336:61//AC002485
R-PLACE1004118//HS_3092_B1_B01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3092 Col=1 Row=D, genomic survey sequence.//0.80:207:60//AQ128151
R-PLACE1004128//Rattus norvegicus guanine nucleotide binding protein beta 4 subunit mRNA, partial cds.//1.8e-06:193:66//AF022085
40 R-PLACE1004149//HS_2253_A2_F11_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=22 Row=K, genomic survey sequence.//2.4e-59:315:95//AQ129711
R-PLACE1004156//Homo sapiens Xp22 bins 3-5 PAC RPCI4-617A9 (Roswell Park Cancer Institute Human PAC Library) containing Arylsulfatase D and E genes, complete sequence.//8.3e-53:299:76//AC005295
45 R-PLACE1004161
R-PLACE1004183//Homo sapiens for TOM1-like protein.//1.3e-80:434:93//AJ010071
R-PLACE1004197//RPCI11-69N15.TK RPCI11 Homo sapiens genomic clone R-69N15, genomic survey sequence.//0.0078:170:65//AQ265515
R-PLACE1004203//Homo sapiens semaphorin L (SEMA) mRNA, complete cds.//3.4e-105:501:98//AF030698
50 R-PLACE1004242//Homo sapiens DNA sequence from PAC 124C6 on chromosome 6q21. Contains genomic marker D6S1603, ESTs, GSSs and a STS with a CA repeat polymorphism, complete sequence.//6.1e-65:373:86//AL021326
R-PLACE1004256//Homo sapiens BAC clone NH0044G14 from 7q11.23-21.1, complete sequence.//0.011:383:61//AC006031
55 R-PLACE1004257//Homo sapiens Xp22 BAC GSHB-433024 (Genome Systems Human BAC library) complete sequence.//3.4e-09:576:59//AC004470
R-PLACE1004258//HS_3034_A1_B12_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3034 Col=23 Row=C, genomic survey sequence.//1.4e-35:359:77//AQ128936

- R-PLACE1004270//CITBI-E1-2504K14.TR CITBI-E1 Homo sapiens genomic clone 2504K14, genomic survey sequence.//2.7e-06:150:74//AQ261108
- R-PLACE1004274//Homo sapiens BAC clone NH0436H22 from 2, complete sequence.//0.025:116:72//AC005234
- R-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete cds.//4.4e-106:581:91//AF084830
- 5 R-PLACE1004284//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.59:231:60//AC005308
- R-PLACE1004289//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//5.8e-31:340:75//AC005920
- 10 R-PLACE1004302//Homo sapiens clone RG332P12, WORKING DRAFT SEQUENCE, 1 unordered pieces.//6.4e-90:572:86//AC005095
- R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein.//1.9e-113:590:94//Y11588
- R-PLACE1004336//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1013A10, WORKING DRAFT SEQUENCE.//2.3e-65:292:82//AL033383
- 15 R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds.//2.4e-70:379:93//AF100153
- R-PLACE1004376//CIT-HSP-2287M8.TF CIT-HSP Homo sapiens genomic clone 2287M8, genomic survey sequence.//0.47:173:61//AQ000837
- R-PLACE1004384//CIT-HSP-2316J11.TF CIT-HSP Homo sapiens genomic clone 2316J11, genomic survey sequence.//0.035:109:69//AQ037817
- 20 R-PLACE1004388//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-82, complete sequence.//4.2e-06:381:60//AL010149
- R-PLACE1004405//Homo sapiens clone GS512I21, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.20:270:60//AC005027
- 25 R-PLACE1004425//Homo sapiens PAC clone DJ0733B09 from 7p14-p13, complete sequence.//1.3e-96:516:94//AC005532
- R-PLACE1004428//Human DNA sequence from clone 888M10 on chromosome 1p36.11-36.31 Contains part of gene KIAA0453, EST, STS, GSS, complete sequence.//5.8e-10:279:65//AL031296
- R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds.//2.9e-88:516:88//U49283
- 30 R-PLACE1004451//HS_2258_B2_F01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2258 Col=2 Row=L, genomic survey sequence.//0.82:172:61//AQ221189
- R-PLACE1004460
- R-PLACE1004467//Syrian hamster carbamoylphosphate synthetase-aspartate transcarbamylasedihydroorotase (CAD) gene, exons 1 and 2.//1.2e-24:311:62//M31621
- 35 R-PLACE1004471//Homo Sapiens Chromosome X clone bWDX75, complete sequence.//2.1e-34:333:70//AC004389
- R-PLACE1004473
- R-PLACE1004491//Drosophila melanogaster Oregon-R mitochondrial A+T region.//1.0e-08:485:60//U11584
- 40 R-PLACE1004506
- R-PLACE1004510//Plasmodium falciparum chromosome 2, section 64 of 73 of the complete sequence.//0.0094:543:56//AE001427
- R-PLACE1004516//Homo sapiens BAC clone BK085E05 from 22q12.1-qter, complete sequence.//0.00011:343:59//AC003071
- 45 R-PLACE1004518
- R-PLACE1004548//Homo sapiens Xp22 BAC GS-551O19 (Genome Systems Human BAC library) and cosmids U199A7 and U209F2 (Lawrence Livermore X chromosome cosmid library) containing part of human chloride channel 4 gene, complete sequence.//4.9e-40:245:80//AC003666
- R-PLACE1004550
- 50 R-PLACE1004564//B.taurus mRNA for cleavage and polyadenylation specificity factor.//2.7e-82:532:86//X75931
- R-PLACE1004629//Homo sapiens chromosome 7 clone UWGC:g3586a230 from 7p14-15, complete sequence.//0.015:437:59//AC004800
- R-PLACE1004645//CIT-HSP-2370D6.TR CIT-HSP Homo sapiens genomic clone 2370D6, genomic survey sequence.//0.033:76:75//AQ110136
- 55 R-PLACE1004646//Homo sapiens cosmid 120C12 from Xq28, complete sequence.//2.0e-23:237:79//AF036876
- R-PLACE1004658//Homo sapiens Chromosome 12p13.3 BAC RPCI11-21K20 (Roswell Park Cancer Institute Human BAC Library) complete sequence.//7.1e-09:94:87//AC005343
- R-nnnnnnnnnnnn//RPCI11-79G23.TV RPCI11 Homo sapiens genomic clone R-79G23, genomic survey se-

quence.//2.2e-81:433:94//AQ283692
 R-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene, complete cds.//2.7e-24:263:74//U07561
 R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds.//1.1e-89:513:91//AF035606
 5 R-PLACE1004681//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 3/11.//1.3e-96:498:95//AB020860
 R-PLACE1004686
 R-PLACE1004691//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 2/11.//2.1e-33:290:80//AB020859
 10 R-PLACE1004693//Caenorhabditis elegans cosmid Y2H9A, complete sequence.//1.0:195:60//AL021448
 R-PLACE1004716//CITBI-E1-2519C14.TR CITBI-E1 Homo sapiens genomic clone 2519C14, genomic survey sequence.//5.0e-43:245:93//AQ276965
 R-PLACE1004722//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.0022:360:60//AC005507
 15 R-PLACE1004736
 R-PLACE1004740
 R-nnnnnnnnnnnn//Homo sapiens ubiquitin-protein ligase E3-alpha (UBR1) mRNA, partial cds.//5.4e-105:575:92//AF061556
 20 R-PLACE1004751//Homo sapiens Xq28 BACs 360 F12, GSHB-555C13, complete sequence.//9.0e-26:317:76//AC002523
 R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds.//8.5e-88:437:96//AF084367
 R-PLACE1004777//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15, WORKING DRAFT SEQUENCE.//0.050:138:65//AP000010
 25 R-PLACE1004793//Human endogenous retrovirus HERV-K(HML6) proviral clone HML6.17 putative polymerase and envelope genes, partial cds, and 3'LTR.//5.1e-58:313:80//U60269
 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0606 protein, partial cds.//5.8e-98:580:88//AB011178
 R-PLACE1004813//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//5.3e-09:256:64//AC005140
 30 R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds.//3.5e-107:358:99//AF069250
 R-PLACE1004815//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete sequence.//3.8e-61:353:89//AC004126
 R-PLACE1004824//Homo sapiens chromosome 17, clone hCIT.468_F_23, WORKING DRAFT SEQUENCE, 3 unordered pieces.//5.7e-42:364:79//AC004666
 35 R-PLACE1004827//Homo sapiens Xp22 BAC GS-594A7 (Genome Systems Human BAC library) contains Bmx gene, complete sequence.//2.7e-14:156:79//AC003669
 R-PLACE1004836//HS_2270_A2_H10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=20 Row=O, genomic survey sequence.//8.6e-51:267:96//AQ164110
 40 R-PLACE1004838//CIT-HSP-2343E10.TR CIT-HSP Homo sapiens genomic clone 2343E10, genomic survey sequence.//0.071:168:63//AQ058544
 R-PLACE1004840//Sequence 4 from patent US 5728819.//1.6e-26:150:98//I92820
 R-PLACE1004868//Human Chromosome X clone bWDX342, complete sequence.//0.57:344:59//AC004072
 R-PLACE1004885//HS_3235_B2_E07_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3235 Col=14 Row=J, genomic survey sequence.//1.1e-38:175:78//AQ210193
 45 R-PLACE1004900//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alternatively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//2.0e-44:334:84//AL022577
 50 R-PLACE1004902
 R-nnnnnnnnnnnn//Human DNA sequence from clone J428A131, WORKING DRAFT SEQUENCE.//7.7e-58:377:87//Z82209
 R-PLACE1004918//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-248F7, complete sequence.//0.00084:373:60//AC004605
 55 R-PLACE1004930//Homo sapiens MDC-3.13 isoform 1 mRNA, complete cds.//2.0e-100:532:93//AF099936
 R-PLACE1004934//Homo sapiens clone RG062N11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//0.00030:198:66//AC005683
 R-PLACE1004937//Caenorhabditis elegans SEL-10 (sel-10) mRNA, complete cds.//1.3e-13:367:61//AF020788

R-PLACE1004969//Human DNA sequence from clone LUCA7 on chromosome 3, complete sequence.//0.97:116:71//Z84494
 R-PLACE1004972
 R-PLACE1004979//Plasmodium falciparum MAL3P4, complete sequence.//0.74:304:60//AL008970
 5 R-PLACE1004982//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//4.7e-05:495:57//AC005308
 R-PLACE1004985//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 451B21, WORKING DRAFT SEQUENCE.//2.5e-10:410:60//AL033522
 R-PLACE1005026//Homo sapiens PAC clone DJ0907C10 from 7q31-3q32, complete sequence.//2.7e-56:158:99//
 10 AC004925
 R-PLACE1005027
 R-PLACE1005046//Homo sapiens chromosome 19, cosmid F20237, complete sequence.//3.1e-63:438:86//AC005775
 R-PLACE1005052//Homo sapiens chromosome Xp22-135-136 clone GSHB-567I1, WORKING DRAFT SE-
 15 QUENCE, 35 unordered pieces.//6.1e-87:301:98//AC005867
 R-PLACE1005066//Human DNA sequence from clone 67K17 on chromosome 6q24.1-24.3. Contains the HIVP2 (Schnurri-2) gene for HIV type 1 Enhancer-binding Protein 2, and a possible pseudogene in an intron of this gene. Contains STSs and GSSs and an AAAT repeat polymorphism, complete sequence.//1.1e-09:453:61//AL023584
 R-PLACE1005077//H.sapiens genes for semenogelin I and semenogelin II.//2.6e-05:199:66//Z47556
 20 R-PLACE1005085//Homo sapiens chromosome 17, clone hRPK.293_K_20, complete sequence.//2.1e-42:384:69//AC005495
 R-PLACE1005086//RPCI11-30H10.TV RPCI-11 Homo sapiens genomic clone RPCI-11-30H10, genomic survey sequence.//0.13:112:67//B87788
 R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds.//2.5e-97:531:92//L40401
 25 R-PLACE1005102//Homo sapiens chromosome 19, cosmid R29388, complete sequence.//1.3e-91:504:92//AC004476
 R-PLACE1005108//Homo sapiens BAC129, complete sequence.//4.0e-28:232:84//U85195
 R-PLACE1005111//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 566H6, WORKING DRAFT SEQUENCE.//3.0e-18:174:74//AL031845
 30 R-PLACE1005128
 R-PLACE1005146
 R-PLACE1005162//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//2.4e-07:273:61//AC005140
 R-nnnnnnnnnnnn//Rat alternatively spliced mRNA.//8.1e-20:185:82//M93018
 35 R-PLACE1005181//HS_2182_B2_B05_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2182 Col=10 Row=D, genomic survey sequence.//4.9e-05:193:65//AQ030787
 R-PLACE1005187//Arabidopsis thaliana chromosome II BAC T14A4 genomic sequence, complete sequence.//0.00073:264:60//AC006161
 R-PLACE1005206//Homo sapiens full-length insert cDNA YN66A06.//6.3e-64:343:93//AF075043
 40 R-PLACE1005232//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 25J6, WORKING DRAFT SEQUENCE.//1.3e-34:286:81//Z84476
 R-PLACE1005243
 R-PLACE1005261//Caenorhabditis elegans cosmid ZK666, complete sequence.//0.66:180:60//Z49132
 R-PLACE1005266//Homo sapiens clone RG122E10, complete sequence.//1.3e-15:166:78//AC005067
 45 R-PLACE1005277//CITBI-E1-2514D4.TF CITBI-E1 Homo sapiens genomic clone 2514D4, genomic survey sequence.//2.5e-34:358:74//AQ265720
 R-PLACE1005287//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P1, WORKING DRAFT SEQUENCE.//4.1e-07:495:60//AL031744
 R-PLACE1005305//HS_3180_B2_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3180 Col=4 Row=H, genomic survey sequence.//1.1e-42:308:85//AQ169443
 50 R-PLACE1005308
 R-PLACE1005313//Human Chromosome 11 pac pDJ227b23, WORKING DRAFT SEQUENCE, 19 unordered pieces.//0.00048:320:60//AC000383
 R-PLACE1005327//chromosome 1 specific transcript KIAA0491.//5.4e-103:537:94//AB007960
 55 R-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569, complete sequence.//2.2e-94:536:91//AC004794
 R-PLACE1005335//Human Chromosome 3 pac pDJ70i11, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.3e-32:313:79//AC000380

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R-PLACE1005373//Homo sapiens BAC129, complete sequence.//8.8e-10:229:68//U85195
R-PLACE1005374//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//3.0e-44:434:77//
AC005291
R-PLACE1005409//Human BAC clone RG167B05 from 7q21, complete sequence.//8.8e-105:529:96//AC003991
5 R-PLACE1005453//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//4.7e-39:302:82//
AC002477
R-PLACE1005467//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167P19, WORKING
DRAFT SEQUENCE.//1.1e-40:328:81//Z93014
R-PLACE1005471//Human DNA sequence from clone 395P12 on chromosome 1q24-25. Contains the TXGP1
10 gene for tax-transcriptionally activated glycoprotein 1 (34kD) (OX40 ligand, OX40L) and a GOT2 (Aspartate Ami-
notransferase, mitochondrial precursor, EC 2.6.1.1, Transaminase A, Glutamate Oxaloacetate Transaminase-2)
pseudogene. Contains ESTs, STSs and GSSs, complete sequence.//6.4e-68:409:90//AL022310
R-PLACE1005477//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING
DRAFT SEQUENCE.//0.020:216:66//AL023693
15 R-PLACE1005480//Homo sapiens chromosome 19, CIT-HSP BAC 490g23 (BC338531), complete sequence.//
2.8e-44:327:70//AC005392
R-PLACE1005481//Homo sapiens-chromosome 17, clone hRPC.1164_O_3, complete sequence.//4.2e-23:284:
74//AC004703
R-PLACE1005494//Danio rerio homeobox protein LIM-3 (lim3) gene, exon 4.//0.19:468:60//AF031631
20 R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds.//1.6e-55:277:98//AF071185
R-PLACE1005526//Human mRNA for alpha-1 type II collagen.//0.10:227:63//X16468
R-PLACE1005528//Homo sapiens genomic DNA, chromosome 21q11.1, segment 9/28, WORKING DRAFT SE-
QUENCE.//2.3e-76:395:96//AP000038
R-PLACE1005530//C.familiaris CA repeat sequence (isolate).//0.023:90:75//X86184
25 R-PLACE1005550//Fugu rubripes GSS sequence, clone 048A08bH1, genomic survey sequence.//2.0e-09:235:
64//AL025928
R-PLACE1005554//Homo sapiens chromosome 17, clone hRPK.215_P_18, complete sequence.//0.069:305:60//
AC005969
R-PLACE1005557//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//4.3e-105:587:
30 91//AC004707
R-PLACE1005574//Human BAC 367D17 from chromosome 18, complete sequence.//1.5e-17:274:67//AC003971
R-PLACE1005584//Homo sapiens PAC clone DJ1186C01 from 7q21.2-q31.1, complete sequence.//2.7e-15:191:
77//AC004991
R-PLACE1005595//Human Chromosome 11q12.2 PAC clone pDJ606g6, complete sequence.//6.4e-90:453:96//
35 AC004126
R-PLACE1005603//Homo sapiens cosmid clone U169D2 from Xp22.1-22.2, complete sequence.//0.69:322:61//
U72788
R-PLACE1005611//Borrelia burgdorferi plasmid cp18, OspE (ospE) gene, partial cds.//0.059:473:56//U42599
R-PLACE1005623//Homo sapiens full-length insert cDNA clone ZD76B03.//1.6e-113:575:95//AF086405
40 R-PLACE1005630//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1
ordered pieces.//5.6e-79:270:94//AC005840
R-PLACE1005639//Human BAC clone RG022J17 from 7q21, complete sequence.//8.2e-56:441:83//AC002382
R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds.//3.2e-110:585:93//
AF083255
45 R-PLACE1005656//Homo sapiens chromosome 17, clone hRPK.628_E_12, complete sequence.//8.6e-08:505:
58//AC005701
R-PLACE1005666//Human DNA sequence from PAC 360E18 on chromosome X contains EST, CpG island and
polymorphic CA repeat.//3.2e-27:307:72//Z82203
R-PLACE1005698//344B22.TV CIT978SKA1 Homo sapiens genomic clone A-344B22, genomic survey se-
50 quence.//0.030:91:70//B15144
R-PLACE1005727//Human variable number tandem repeat (VNTR) region, allele 17R1 3' to collagen type II
(COL2A1) gene.//5.2e-10:587:59//L10171
R-PLACE1005730//Homo sapiens ADP/ATP carrier protein (ANT-2) gene, complete cds.//0.0039:239:58//L78810
R-PLACE1005739//Mus musculus IFN-gamma induced (Mg11) mRNA, complete cds.//2.2e-21:270:72//U15635
55 R-PLACE1005755//Caenorhabditis elegans cosmid M03F4.//6.9e-08:219:64//U64601
R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds.//1.0e-45:268:87//D42087
R-PLACE1005799//Human X chromosome mRNA for CCG1 protein inv. in cell proliferation.//0.030:91:78//X07024
R-PLACE1005802//Homo sapiens PAC clone DJ044L15 from Xq23, complete sequence.//1.4e-69:391:92//

AC004827
R-PLACE1005803
R-PLACE1005804//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//1.8e-21:175:75//
AC002530
5 R-PLACE1005828//Homo sapiens chromosome 17, clone hRPC.971_F_3, WORKING DRAFT SEQUENCE, 1
ordered pieces.//2.9e-56:333:91//AC004150
R-PLACE1005834//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING
DRAFT SEQUENCE.//0.020:513:55//AL031745
R-PLACE1005845//Rabbit mRNA for protein phosphatase 2A-beta.//1.8e-10:182:69//Y00763 R-PLACE1005850
10 R-PLACE1005851//Homo sapiens clone DJ0789105, WORKING DRAFT SEQUENCE, 2 unordered pieces.//5.5e-
06:318:63//AC004887
R-PLACE1005876//B.taurus mRNA for cleavage and polyadenylation specificity factor.//6.7e-28:366:72//X75931
R-PLACE1005884//Human DNA sequence from cosmid V526F1, between markers DXS366 and DXS87 on chro-
mosome X contains STS.//1.0e-06:306:64//Z70281
15 R-PLACE1005898//Plasmodium falciparum 3D7 chromosome 12 PFYAC336 genomic sequence, WORKING
DRAFT SEQUENCE, 5 unordered pieces.//0.0094:449:59//AC005139
R-PLACE1005921//CITBI-E1-2509N21.TF CITBI-E1 Homo sapiens genomic clone 2509N21,-genomic survey se-
quence.//4.8e-84:494:89//AQ261347
R-PLACE1005923//RPCI11-65N9.TJ RPCI11 Homo sapiens genomic clone R-65N9, genomic survey sequence.//
20 8.3e-97:520:93//AQ237243
R-PLACE1005925//Human DNA sequence from clone 231L4 on chromosome Xq27.1-27.3 Contains GSS, STS,
complete sequence.//5.2e-67:578:78//AL022719
R-PLACE1005932//Caenorhabditis elegans cosmid Y52B11A, complete sequence.//0.0035:176:62//AL032654
R-PLACE1005934
25 R-PLACE1005936//Arabidopsis Thaliana BAC F6A4, Chromosome IV, near 60.5 cM, complete sequence.//
0.00021:272:62//AF069716
R-PLACE1005951
R-PLACE1005953//Caenorhabditis elegans cosmid F09E5.//1.3e-07:349:60//U37429
R-PLACE1005955//Human HepG2 3' region Mbol cDNA, clone hmd1d01m3.//8.3e-08:128:70//D17131
30 R-PLACE1005966//Pontia protodice large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, com-
plete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial
RNAs.//7.0e-09:549:59//AF044863
R-PLACE1005968//Rattus norvegicus mRNA for p47, complete cds.//1.1e-51:394:81//AB002086
R-PLACE1005990//Homo sapiens chromosome 12p13.3 clone RPCI11-407G6, WORKING DRAFT SEQUENCE,
35 51 ordered pieces.//4.4e-63:369:91//AC005866
R-PLACE1006002//Human cosmid CRI-JC2015 at D10S289 in 10sp13.//5.9e-27:299:74//U15177
R-PLACE1006003//Mus musculus clone OST18050, genomic survey sequence.//3.5e-07:164:67//AF046375
R-PLACE1006011//Mus musculus poly-(ADPribose)-transferase homolog PARP mRNA, complete cds.//1.1e-32:
266:83//AF072521
40 R-PLACE1006017//Homo sapiens Chromosome 22q11.2 Cosmid Clone 31e In DGCR Region, complete se-
quence.//1.8e-17:164:82//AC000077
R-PLACE1006037//Mus musculus B6D2F1 clone 2C11B mRNA.//2.0e-49:557:72//U01139
R-PLACE1006040//Homo sapiens mRNA for alpha endosulfine.//4.3e-13:128:81//X99906
R-PLACE1006076//Homo sapiens clone DJ0781A18, WORKING DRAFT SEQUENCE, 3 unordered pieces.//3.3e-
45 18:220:74//AC004885
R-PLACE1006119//Plasmodium berghei (STRAIN ANKA) gamma-GCS gene, complete CDS.//0.0050:271:63//
AJ005122
R-PLACE1006129//Drosophila melanogaster, chromosome 2R, region 31C1-31D6, P1 clone DS08879, complete
sequence.//0.43:178:65//AC005454
50 R-PLACE1006139//Homo sapiens PAC clone DJ0659J06 from 7q33-q35, complete sequence.//7.5e-13:222:68//
AC004849
R-PLACE1006143//Plasmodium falciparum MAL3P6, complete sequence.//0.00019:455:59//Z98551
R-PLACE1006157//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
DRAFT SEQUENCE.//0.00018:351:60//AL034557
55 R-PLACE1006159//Homo sapiens chromosome 10 clone LA10NC01_124_D_3 map 10q25.1, WORKING DRAFT
SEQUENCE, 1 ordered pieces.//1.0e-113:586:96//AC006103
R-PLACE1006164//Human hereditary haemochromatosis region, histone 2A-like protein gene, hereditary haemo-
chromatosis (HLA-H) gene, RoRet gene, and sodium phosphate transporter (NPT3) gene, complete cds.//1.0e-

28:342:75//U91328
R-PLACE1006167//Homo sapiens full-length insert cDNA clone ZE14E04.//4.6e-77:426:93//AF086555
R-nnnnnnnnnnnn//Mouse mRNA for alpha-adaptin (C).//3.0e-46:188:82//X14972
R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds.//1.6e-116:597:95//AF091433
5 R-PLACE1006195//Homo sapiens chromosome 19, fosmid 39554, complete sequence.//8.8e-11:148:74//
AC004410
R-PLACE1006196
R-PLACE1006205//Genomic sequence from Mouse 11, complete sequence.//8.4e-44:332:85//AC000398
R-PLACE1006223//Human DNA sequence from cosmid U74C11, between markers DXS6791 and DXS8038 on
10 chromosome X contains ESTs.//0.041:215:61//Z73362
R-PLACE1006225//Caenorhabditis elegans cosmid Y69H2, complete sequence.//9.7e-13:358:63//Z98877
R-PLACE1006236//Plasmodium falciparum MAL3P4, complete sequence.//0.00019:538:58//AL008970
R-nnnnnnnnnnnn//Homo sapiens BAC clone RG118D07 from 7q31, complete sequence.//3.1e-96:497:95//
AC004142
15 R-PLACE1006246//Homo sapiens clone NH0144M13, WORKING DRAFT SEQUENCE, 1 unordered pieces.//
0.029:499:56//AC006034
R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds.//9.2e-96:499:95//AB014548
R-PLACE1006262//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete se-
quence.//0.00043:160:66//AC004087
20 R-PLACE1006288//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20N2, WORKING
DRAFT SEQUENCE.//3.5e-120:611:96//AL031320
R-PLACE1006318
R-PLACE1006325//Plasmodium falciparum MAL3P8, complete sequence.//1.0:426:57//AL034560
R-PLACE1006335//Human DNA sequence from PAC 849L7 on chromosome Xq21.//0.96:173:66//AL008987
25 R-PLACE1006357//P.falciparum complete gene map of plastid-like DNA (IR-B).//1.9e-07:491:58//X95276
R-PLACE1006360//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.//0.25:484:
56//AE001398
R-PLACE1006368//Caenorhabditis elegans cosmid Y38H6C, complete sequence.//1.0:240:59//AL031630
R-PLACE1006371//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence.//3.7e-101:
30 574:91//AC004232
R-PLACE1006382
R-PLACE1006385//Mus musculus intersectin-EH binding protein lbp2 mRNA, partial cds.//1.4e-50:350:86//
AF057286
R-PLACE1006412//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//
35 5.1e-51:339:82//AC004854
R-PLACE1006414//Homo sapiens 12p13.3 PAC RPCI5-927J10 (Roswell Park Cancer Institute Human PAC li-
brary) complete sequence.//1.6e-38:297:84//AC004804
R-PLACE1006438//Homo sapiens full-length insert cDNA YH73H06.//7.6e-73:422:90//AF074985
R-PLACE1006445//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1018K9, WORKING
40 DRAFT SEQUENCE.//3.0e-07:376:61//AL031726
R-PLACE1006469
R-PLACE1006470//Mouse B1 repetitive sequence DNA.//1.0:96:66//M24152
R-PLACE1006482//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 447C4, WORKING
DRAFT SEQUENCE.//3.0e-101:535:94//AL021977
45 R-PLACE1006492//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence.//0.78:44:95//
AC005972
R-PLACE1006506//R.norvegicus BSP gene.//1.0:206:60//X86100
R-PLACE1006521//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey se-
quence.//9.0e-17:414:61//B75158
50 R-PLACE1006531//Plasmodium falciparum coronin gene, isolate 3D7.//0.98:186:63//AJ002197
R-PLACE1006534//Anopheles gambiae complete mitochondrial genome.//0.051:412:61//L20934
R-PLACE1006540//Homo sapiens clone UWGC:y55c025 from 6p21, complete sequence.//7.5e-41:470:70//
AC004209
R-PLACE1006552//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3,
55 WORKING DRAFT SEQUENCE.//0.57:355:57//Z98865
R-PLACE1006598//Plasmodium falciparum 3D7 chromosome 12 PFYAC588 genomic sequence, WORKING
DRAFT SEQUENCE, 2 unordered pieces.//0.016:291:58//AC004710
R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds.//

2.9e-116:590:95//U97670
 R-PLACE1006617//Homo sapiens chromosome 4 clone B207D4 map 4q25, complete sequence.//2.2e-45:209:88//AC004050
 R-PLACE1006626//C. elegans cosmid K12H4.//1.2e-16:344:64//L14331
 5 R-PLACE1006629//Homo sapiens chromosome 19, cosmid F20900, complete sequence.//2.8e-25:343:70//AC006128
 R-PLACE1006640//CIT-HSP-2169L1.TF CIT-HSP Homo sapiens genomic clone 2169L1, genomic survey sequence.//0.00020:201:62//B90038
 R-PLACE1006673//Homo sapiens clone DJ076B20, WORKING DRAFT SEQUENCE, 6 unordered pieces.//1.4e-42:309:84//AC004882
 10 R-PLACE1006678//Homo sapiens PAC clone DJ1166G19 from 7p12-p11.2, complete sequence.//6.4e-09:454:59//AC006024
 R-PLACE1006704//Human DNA sequence from clone 249C1 on chromosome Xq21.1-22.2 Contains GSS, complete sequence.//0.56:226:63//AL022154
 15 R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence.//6.0e-101:486:98//AF038172
 R-PLACE1006754//Homo sapiens chromosome 19, cosmid R29124, complete sequence.//1.4e-68:381:93//AC005626
 R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence.//6.2e-72:397:92//AF070622
 R-PLACE1006779//Rattus norvegicus intestinal trefoil factor gene, promoter and partial cds.//1.6e-11:420:61//U20984
 20 R-PLACE1006782//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y47D3, WORKING DRAFT SEQUENCE.//0.60:321:58//Z98865
 R-PLACE1006792//Homo sapiens chromosome 4 clone C0026P05 map 4P16, complete sequence.//2.9e-40:379:77//AC005599
 25 R-PLACE1006795//Homo sapiens BAC clone RG281G05 from 7p15-p21, complete sequence.//6.2e-07:291:63//AC005083
 R-PLACE1006800//HS_2270_B1_D02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2270 Col=3 Row=H, genomic survey sequence.//4.1e-76:367:99//AQ085793
 R-PLACE1006805//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//0.00058:354:59//AC005507
 30 R-PLACE1006815//HS_3028_B1_B04_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3028 Col=7 Row=D, genomic survey sequence.//1.5e-33:251:77//AQ120174
 R-PLACE1006819//Human DNA sequence from PAC 121G13 on chromosome 6 contains flow sorted chromosome 6 HindIII fragment ESTs. polymorphic CA repeat, CpG island, CpG island genomic fragments.//1.4e-76:544:84//Z86062
 35 R-PLACE1006829
 R-PLACE1006860
 R-PLACE1006867//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 323M4, WORKING DRAFT SEQUENCE.//3.2e-107:549:95//AL033378
 40 R-PLACE1006878//Homo sapiens full-length insert cDNA clone ZB55G05.//1.4e-46:241:97//AF086155
 R-PLACE1006883//Homo sapiens chromosome 16, cosmid clone 360H6 (LANL), complete sequence.//1.3e-38:283:85//AC004232
 R-nnnnnnnnnnnnn
 R-PLACE1006904//Human DNA sequence from PAC 360E18 on chromosome X contains EST, CpG island and polymorphic CA repeat.//4.1e-15:477:62//Z82203
 45 R-PLACE1006917//Homo sapiens Xp22 bins 45-47 BAC GSHB-665N22 (Genome Systems Human BAC Library) complete sequence.//1.3e-42:305:87//AC005184
 R-PLACE1006932
 R-PLACE1006935//Human DNA sequence from PAC 117P19 on chromosome X.//0.0014:114:74//Z86061
 50 R-nnnnnnnnnnnnn//Mouse mRNA for germ cell specific protein APG-1, complete cds.//9.5e-85:590:83//D49482
 R-PLACE1006961//Homo sapiens chromosome 17, clone hRPK.349_A_8, complete sequence.//6.7e-42:295:86//AC005544
 R-PLACE1006962//Homo sapiens Xp22 PAC RPC11-167A22 (from Roswell Park Cancer Center) complete sequence.//1.1e-19:302:71//AC002349
 55 R-PLACE1006966//HS_2219_B2_C02_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2219 Col=4 Row=F, genomic survey sequencer.//0.019:180:63//AQ145873
 R-PLACE1006989
 R-PLACE1007014

- R-PLACE1007021//Homo sapiens chromosome 12p13.3 clone RPCI3-454B23, WORKING DRAFT SEQUENCE, 48 unordered pieces.//1.6e-23:362:70//AC005845
- R-PLACE1007045//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 32B1, WORKING DRAFT SEQUENCE.//2.3e-90:584:86//AL023693
- 5 R-PLACE1007053//Homo sapiens clone DJ0810E06, WORKING DRAFT SEQUENCE, 8 unordered pieces.//2.4e-108:550:96//AC004895
- R-PLACE1007097//Homo sapiens DNA sequence from BAC 55C20 on chromosome 6. Contains a Spinal Muscular Atrophy (SMA3) LIKE gene overlapping with a beta-glucuronidase LIKE pseudogene. Contains a membrane protein LIKE pseudogene, a Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) LIKE pseudogene, five predicted tRNA genes. Contains ESTs, GSSs (BAC end sequences) and a CA repeat polymorphism, complete sequence.//1.8e-103:552:93//AL021368
- 10 R-PLACE1007105//Mus musculus muskulin mRNA, complete cds.//2.7e-32:379:73//U72194
- R-PLACE1007111//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.14:422:57//AC004688
- 15 R-PLACE1007112//Cynips cornifex cytb gene.//0.020:427:58//AJ228479
- R-PLACE1007132//Homo sapiens full-length insert cDNA YH77E09.//5.7e-107:535:96//AF074987
- R-PLACE1007140//Homo sapiens clone RG030L05, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.36:408:58//AC005050
- 20 R-PLACE1007178//Homo sapiens clone HEA4 Cri-du-chat region mRNA.//0.99:63:73//AF009283
- R-PLACE1007226
- R-PLACE1007238
- R-PLACE1007239//Homo sapiens mRNA for transcription elongation factor S-II, hS-II-T1, complete cds.//2.0e-91:534:89//D50495
- 25 R-PLACE1007242//CITBI-E1-2512M9.TF CITBI-E1 Homo sapiens genomic clone 2512M9, genomic survey sequence.//1.3e-05:117:76//AQ279454
- R-PLACE1007243//Prototheca wickerhamii 263-11 complete mitochondrial DNA.//0.21:284:58//U02970
- R-PLACE1007257//Homo sapiens mRNA for dia-12c protein.//6.9e-113:607:93//Y15908
- R-PLACE1007274//Homo sapiens chromosome 17, clone hRPK.394_K_10, complete sequence.//4.4e-10:135:74//AC006080
- 30 R-PLACE1007276//Homo sapiens BAC clone 255A7 from 8q21 containing NBS1 gene, complete sequence.//1.7e-36:435:72//AF069291
- R-PLACE1007282//B.garinii (strain TIs1) p83/100 gene (partial).//0.95:183:60//X81533
- R-PLACE1007286//RPCI11-13L8.TV RPCI-11 Homo sapiens genomic clone RPCI-11-13L8, genomic survey sequence.//6.1e-55:519:76//B75158
- 35 R-PLACE1007301//Human DNA sequence from PAC 106H8 on chromosome 1q24. Contains PHOSPHATIDYLINISITOL-GLYCAN class C (PIG-C) and DYNAMIN-3 genes. Contains ESTs and STSs and a CpG island.//0.75:180:62//Z97195
- R-PLACE1007317//Drosophila dasyncemia 16S ribosomal RNA gene, mitochondrial gene for mitochondrial RNA, partial sequence.//0.59:236:59//U94253
- 40 R-PLACE1007342
- R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds.//3.7e-65:367:91//AF096870
- R-PLACE1007367//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-628 genomic sequence, WORKING DRAFT SEQUENCE, 9 unordered pieces.//1.0e-06:385:62//AC005507
- 45 R-PLACE1007375//Plasmodium falciparum 3D7 chromosome 12 PFYAC1122 genomic sequence, WORKING DRAFT SEQUENCE, 3 unordered pieces.//0.10:309:59//AC004709
- R-PLACE1007386//Reclinomonas americana mitochondrial DNA, complete genome.//0.0012:403:58//AF007261
- R-PLACE1007402//HS_2055_A2_D03_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2055 Col=6 Row=G, genomic survey sequence.//0.0046:88:79//AQ234824
- 50 R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence.//7.6e-112:590:94//AF093771
- R-PLACE1007416//Homo sapiens chromosome 19, cosmid R26894, complete sequence.//0.96:98:70//AC005594
- R-PLACE1007450//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING DRAFT SEQUENCE.//1.7e-39:308:82//Z98304
- 55 R-PLACE1007452//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//2.6e-59:389:82//AC004081
- R-PLACE1007460
- R-PLACE1007478//Homo sapiens 12q13.1 PAC RPCI3-197B17 (Roswell Park Cancer Institute Human PAC li-

brary) complete sequence.//7.0e-08:335:60//AC004241
 R-PLACE1007484
 R-PLACE1007488//Glossina morsitans morsitans 16S ribosomal RNA gene, mitochondrial gene for mitochondrial
 RNA, partial sequence.//2.5e-05:421:61//AF072373
 5 R-PLACE1007507//Plasmodium falciparum MAL3P7, complete sequence.//2.3e-09:577:57//AL034559
 R-PLACE1007511//Homo sapiens chromosome 17, clone hRPC.1110_E_20, complete sequence.//1.2e-79:387:
 96//AC004231
 R-PLACE1007524//Homo sapiens chromosome 19, overlapping cosmids F18547, F11133, R27945, R28830 and
 R32804, complete sequence.//3.4e-09:148:73//AC003682
 10 R-PLACE1007525//Homo sapiens Chromosome 16 BAC clone CIT987SK-44M2, complete sequence.//4.7e-38:
 297:82//AC004381
 R-PLACE1007544
 R-PLACE1007547//Human laminin alpha 4 chain (LAMA4*-1) mRNA, complete cds.//4.0e-17:108:97//U77706
 R-PLACE1007557//Human BAC clone RG343P13 from 7q31, complete sequence.//2.2e-45:390:77//AC002465
 15 R-PLACE1007583//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 545L17, WORKING
 DRAFT SEQUENCE.//1.0e-56:302:95//AL031665
 R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence.//1.5e-102:554:93//AF038179
 R-PLACE1007618
 R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence.//1.4e-103:537:94//AF038176
 20 R-PLACE1007632//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1
 ordered pieces.//3.3e-76:289:94//AC005840
 R-PLACE1007645//Homo sapiens full-length insert cDNA clone ZD76G10.//0.0080:96:77//AF086408
 R-PLACE1007649//CIT-HSP-2308A18.TR CIT-HSP Homo sapiens genomic clone 2308A18, genomic survey se-
 quence.//1.1e-82:412:97//AQ022149
 25 R-PLACE1007677//Plasmodium falciparum chromosome 2, section 4 of 73 of the complete sequence.//0.0041:
 470:57//AE001367
 R-PLACE1007688
 R-PLACE1007690//Human Chromosome 16 BAC clone CIT987SK-A-418G10, complete sequence.//1.3e-22:162:
 91//AC002044
 30 R-PLACE1007697
 R-PLACE1007705//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 460J8, WORKING
 DRAFT SEQUENCE.//4.4e-121:624:95//AL031662
 R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds.//1.8e-73:374:96//AF061243
 R-PLACE1007725//Caenorhabditis elegans cosmid F38A5.//0.070:186:60//U70854
 35 R-PLACE1007729//Human endogenous retrovirus HERV-K(HML6) proviral clone HML6.17 putative polymerase
 and envelope genes, partial cds, and 3'LTR.//3.8e-53:415:81//U60269
 R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds.//2.1e-92:556:89//AB014585
 R-PLACE1007737//Homo sapiens clone Sb19.12 Alu-Yb8 sequence.//4.0e-43:302:77//AF015169
 R-PLACE1007743//Plasmodium falciparum MAL3P8, complete sequence.//1.0e-06:533:59//AL034560
 40 R-PLACE1007746//T.brucei mitochondrial maxicircle DNA encoding cytochrome c oxidase subunit I (COI), and
 NADH dehydrogenase subunits 4 and 5, complete cds.//0.28:386:58//M14820
 R-PLACE1007791//D.discoideum gene for protein kinase.//0.17:263:60//Z37981
 R-PLACE1007807//Human DNA sequence from clone 878O8 on chromosome Xq21.1-21.33. Contains an EST,
 STSs, a GSS and genomic marker DXS472, complete sequence.//1.1e-72:324:88//AL031116
 45 R-PLACE1007810//Homo sapiens chromosome 7 common fragile site, complete sequence.//2.2e-14:325:67//
 AF017104
 R-PLACE1007829//Human BAC clone GS165I04 from 7q21, complete sequence.//0.00052:455:61//AC002379
 R-PLACE1007843//P.falciparum complete gene map of plastid-like DNA (IR-A).//0.0050:447:57//X95275
 R-PLACE1007846//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 3/15,
 50 WORKING DRAFT SEQUENCE.//2.2e-111:570:95//AP000010
 R-PLACE1007852//HS_3028_B2_F04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3028 Col=8 Row=L, genomic survey sequence.//1.3e-12:209:71//AQ131021
 R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds.//6.6e-110:574:94//AB018309
 R-PLACE1007866//Homo sapiens DNA sequence from PAC 454M7 on chromosome Xq25-26.3. Contains the
 55 OCRL1 gene for Lowe Oculocerebrorenal Syndrome protein OCRL-1. Contains ESTs, STSs and GSSs, complete
 sequence.//1.6e-43:551:70//AL022162
 R-PLACE1007877//Homo sapiens chromosome 5, BAC clone 34j15 (LBNL H169), complete sequence.//1.6e-22:
 222:78//AC005754

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R-PLACE1007897//HS_3113_B2_E04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3113 Col=8 Row=J, genomic survey sequencer.//2.9e-72:381:95//AQ186905
R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487.//8.8e-88:460:95//AB007956
5 R-PLACE1007946//Human chromosome Y cosmid 54E8 genomic sequence, WORKING DRAFT SEQUENCE.//4.9e-23:172:78//AC003095
R-PLACE1007954//Homo sapiens BAC clone NH0414C23 from Y, complete sequence.//1.7e-27:303:75//AC006157
R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds.//3.9e-102:513:95//AF084530
10 R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//2.2e-87:465:93//AF079529
R-PLACE1007969//Mus musculus myelin gene expression factor (MEF-2) mRNA, partial cds.//4.8e-72:556:81//U13262
15 R-PLACE1007990//E.tenella antigen LPMC61 mRNA, partial cds.//0.043:273:63//M30933
R-PLACE1008000//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 668J24, WORKING DRAFT SEQUENCE.//8.8e-10:453:62//AL034346
R-PLACE1008002//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//9.0e-114:563:96//AC005628
20 R-PLACE1008044//Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.//2.6e-44:509:72//L31840
R-PLACE1008045//Homo sapiens chromosome 5, BAC clone 79a6 (LBNL H172), complete sequence.//0.32:137:66//AC005592
R-PLACE1008080//Arabidopsis thaliana chromosome II BAC F10A12 genomic sequence, complete sequence.//0.082:292:59//AC006232
25 R-PLACE1008095//Homo sapiens BAC clone NH0364H22 from 2, complete sequence.//5.4e-27:260:76//AC005036
R-PLACE1008111//Human variable number tandem repeat (VNTR) region, allele 12R1 3' to collagen type II (COL2A1) gene.//2.2e-07:444:59//L10157
30 R-PLACE1008122//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//1.9e-11:384:63//AC005919
R-PLACE1008129//Homo sapiens clone DJ1087M19, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.0e-10:189:66//AC004955
R-PLACE1008132//Human HepG2 3' region cDNA, clone hmd5d06.//7.4e-47:320:86//D16939
35 R-PLACE1008177//Mouse mRNA for meiosis-specific nuclear structural protein 1 (MNS1), complete cds.//2.6e-32:410:70//D14849
R-PLACE1008181//Caenorhabditis elegans cosmid C31H2.//0.055:358:60//U41748
R-PLACE1008198
R-nnnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds.//4.8e-103:551:93//AB011102
40 R-PLACE1008209//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORKING DRAFT SEQUENCE.//4.6e-16:250:71//AL034549
R-PLACE1008231//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING DRAFT SEQUENCE, 4 unordered pieces.//0.13:341:60//AC004688
R-PLACE1008244//P.falciparum P.195 gene.//0.11:212:66//A04562
45 R-PLACE1008273//Human MEST mRNA, complete cds.//0.00013:52:100//D78611
R-nnnnnnnnnnnnnn
R-PLACE1008280//Homo sapiens chromosome 7 clone UWGC:g3586a160 from 7p14-15, complete sequence.//1.5e-05:104:76//AC005272
R-PLACE1008309//Human 'at'-rich region adjacent to alpha satellite DNA.//0.70:138:63//M80308
50 R-PLACE1008329//Homo sapiens chromosome 10 clone CIT-HSP-1240G16 map 10q25.1, complete sequence.//0.00061:150:68//AC005886
R-PLACE1008330//Homo sapiens chromosome 19, cosmid F21431, complete sequence.//4.8e-74:252:98//AC005176
R-PLACE100833//Genomic sequence from Human 13, complete sequence.//1.0:176:65//AC001226
55 R-PLACE1008356//Homo sapiens meningioma-expressed antigen 5 (MEA5) mRNA, 3' UTR.//2.5e-98:556:90//AF036145
R-PLACE1008368//HS-1039-A1-C10-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 821 Col=19 Row=E, genomic survey sequence.//1.2e-05:375:62//B36336

R-PLACE1008369//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 4/15, WORKING DRAFT SEQUENCE.//2.8e-10:466:61//AP000011

R-PLACE1008392//Homo sapiens chromosome 17, clone hRPK.471_L_13, complete sequence.//1.0e-46:282:82//AC005244

5 R-PLACE1008398//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 215D11, WORKING DRAFT SEQUENCE.//4.1e-101:529:94//AL034417

R-PLACE1008401//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0366H07; HTGS phase 1, WORKING DRAFT SEQUENCE, 28 unordered pieces.//0.18:379:58//AC004604

R-nnnmnnnnnn//Homo sapiens mRNA for p115, complete cds.//1.6e-101:521:95//D86326

10 R-PLACE1008405//Human cosmidCRI-JC2015 at D10S289 in 10sp13.//6.8e-22:328:71//U15177

R-PLACE1008424

R-PLACE1008426//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 7/11.//7.5e-101:505:96//AB020864

R-PLACE1008429//Human DNA sequence from clone 20J23 on chromosome Xq26.2-27.2 Contains ras-related C3 botulinum toxin substrate 1 (P21-RAC1) (ras-like protein TC25) EST, CA repeat, STS, CpG island, complete sequence.//1.2e-11:118:78//AL022576

15 R-PLACE1008437//H.sapiens genomic DNA (PAC 838L14) from chromosome 11, WORKING DRAFT SEQUENCE.//2.2e-06:159:69//Y12335

R-PLACE1008455

20 R-PLACE1008457//Homo sapiens chromosome 17, Neurofibromatosis 1 locus, complete sequence.//1.2e-109:588:93//AC004526

R-PLACE1008465//CIT978SK-A-28A11.TVE CIT978SK Homo sapiens genomic clone A-28A11, genomic survey sequence.//1.1e-10:133:77//B78696

R-PLACE1008488

25 R-PLACE1008524//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 34B21, WORKING DRAFT SEQUENCE.//7.3e-120:612:95//AL031778

R-PLACE1008531//Homo sapiens wbscr1 (WBSCR1) and replication factor C subunit 2 (RFC2) genes, complete cds.//8.5e-96:510:93//AF045555

R-PLACE1008532

30 R-PLACE1008533

R-PLACE1008568//HS_3218_B2_D08_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3218 Col=16 Row=H, genomic survey sequence.//0.0042:295:62//AQ214623

R-PLACE1008584//Human PAC clone DJ0596009 from 7p15, complete sequence.//5.0e-26:254:66//AC003074

R-PLACE1008621//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//4.0e-78:498:86//AC006120

35 R-nnnnnnnnnnnnn

R-PLACE1008626//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 97P20, WORKING DRAFT SEQUENCE.//5.5e-06:228:67//AL031297

R-PLACE1008627//Cricetulus griseus mRNA for Zn finger factor.//3.4e-20:335:71//Y12836

40 R-PLACE1008629//Homo sapiens clone DJ0309D19, WORKING DRAFT SEQUENCE, 12 unordered pieces.//0.55:326:58//AC004826

R-PLACE1008630//Homo sapiens genomic DNA, 21q region, clone: B175P11X96, genomic survey sequence.//0.13:440:55//AG011096

R-PLACE1008643//Human BAC clone RG083J23 from 7q31, complete sequence.//1.3e-58:356:82//AC004001

45 R-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete cds.//2.4e-88:434:97//AF044333

R-PLACE1008693//CIT-HSP-2025M9.TR CIT-HSP Homo sapiens genomic clone 2025M9, genomic survey sequence.//1.2e-41:300:82//B64742

R-PLACE1008696//Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds.//4.8e-31:320:75//AF038406

50 R-PLACE1008715//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 799N4, WORKING DRAFT SEQUENCE.//0.074:478:58//AL022147

R-PLACE1008748//CIT-HSP-2170P12.TR CIT-HSP.Homo sapiens genomic clone 2170P12, genomic survey sequence.//8.5e-42:160:86//B90841

55 R-PLACE1008757//Homo sapiens 12q24.2 PAC RPCI4-765H13 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//0.99:211:61//AC005864

R-PLACE1008790//Rattus norvegicus clone1 polymeric immunoglobulin receptor mRNA 3' untranslated region, GA rich region, and microsatellites with GGA-triplet and GAA-triplet repeats.//0.052:108:68//U00762

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R-PLACE1008798//Homo sapiens full-length insert cDNA clone YZ86C05.//7.7e-58:285:100//AF086088
R-PLACE1008807//CIT-HSP-2366014.TR CIT-HSP Homo sapiens genomic clone 2366O14, genomic survey sequence.//3.5e-35:223:89//AQ079210
5 R-PLACE1008808//Homo sapiens exonuclease homolog RAD1 (RAD1) mRNA, complete cds.//2.3e-97:499:95//AF030933
R-PLACE1008813//Rattus norvegicus rsec15 mRNA, complete cds.//9.7e-45:394:78//AF032668
R-PLACE1008851//Human Chromosome 15q26.1 PAC clone pDJ460g16, WORKING DRAFT SEQUENCE, 3 unordered pieces.//2.9e-28:207:87//AC004581
10 R-nnnnnnnnnnnnn//CIT-HSP-2172B3.TF CIT-HSP Homo sapiens genomic clone 2172B3, genomic survey sequence.//8.9e-30:166:97//B93289
R-PLACE1008867//Homo sapiens BAC clone RG054D04 from 7q31, complete sequence.//3.5e-76:404:95//AC005058
R-PLACE1008887//Homo sapiens clone DJ0943F02, WORKING DRAFT SEQUENCE, 3 unordered pieces.//7.7e-37:585:67//AC004932
15 R-PLACE1008902//Homo sapiens chromosome Y, clone hCIT.494_G_17, complete sequence.//0.0022:409:60//AC005820
R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds.//8.2e-55:344:89//AB018308
R-PLACE1008925//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y53F4, WORKING DRAFT SEQUENCE.//0.0014:398:58//Z92860
20 R-PLACE1008934
R-PLACE1008941//Homo sapiens chromosome 17, clone hRPK.293_K_20, complete sequence.//9.8e-84:429:92//AC005495
R-PLACE1008947
R-PLACE1009020
25 R-PLACE1009027//Human DNA sequence from clone 914P14 on chromosome Xq23 Contains calpain-like protease gene, DCX (doublecortin) ESTs, CA repeat, GSS, complete sequence.//1.3e-82:434:95//AL031117
R-PLACE1009039//Human DNA sequence from clone 276K20 on chromosome 6p22.1-22.3. Contains STSs, GSSs and a putative CpG island, complete sequence.//0.00010:297:58//AL031391
R-PLACE1009045//Homo sapiens chromosome 17, clone hRPC.117_B_12, complete sequence.//2.9e-06:160:70//AC004707
30 R-PLACE1009048//Human DNA sequence from clone 511E16 on chromosome 6p24.3-25.1. Contains the last coding exon of the gene for P18 component of aminoacyl-tRNA synthetase complex, part of an unknown gene downstream of a putative CpG island, and an STS with a CA repeat polymorphism, complete sequence.//1.3e-16:339:66//AL023694
35 R-PLACE1009050//Aedes aegypti gene sequence, primary transcript.//0.40:393:59//L17023
R-PLACE1009060//Mus musculus mRNA for Alix-SF (ALG-2-interacting protein X, short form, complete CDS.//0.00075:79:83//AJ005074
R-PLACE1009090//Homo sapiens chromosome 1, BAC CIT-HSP-292g8 (BC262482), complete sequence.//6.7e-13:212:73//AC004783
40 R-PLACE1009094//Caenorhabditis elegans cosmid C49F8, complete sequence.//0.49:221:61//Z70206
R-PLACE1009099
R-PLACE1009110//Homo sapiens Xp22 BAC GS-321G17 (Genome Systems Human BAC library) complete sequence.//5.1e-17:301:66//AC004025
R-PLACE1009111//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//1.2e-06:234:61//AC005140
45 R-PLACE1009130//Plasmodium falciparum MAL3P6, complete sequence.//7.5e-06:426:58//Z98551
R-PLACE1009150//Homo sapiens *** SEQUENCING IN PROGRESS *** WORKING DRAFT SEQUENCE.//2.3e-118:614:95//AJ011929
R-PLACE1009155//Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28, WORKING DRAFT SEQUENCE.//1.4e-107:584:93//AP000031
50 R-PLACE1009158//Homo sapiens full-length insert cDNA clone YP10D03.//1.9e-105:539:95//AF085876
R-PLACE1009166//Homo sapiens chromosome 17, clone hRPK.180_P_8, complete sequence.//2.8e-44:360:71//AC005972
R-PLACE1009172//Human cosmid QLL2C9 from Xq28.//4.1e-37:401:74//Z47046
55 R-PLACE1009174//Homo sapiens PAC clone DJ0907C10 from 7q31-3q32, complete sequence.//2.1e-17:140:81//AC004925
R-PLACE1009183//Homo sapiens DNA sequence from PAC 418A9 on chromosome 6q21. Contains the first (5') two exons of a CDK8 (Cell Division Protein Kinase 8) LIKE gene, a Neutral Calponin LIKE pseudogene, ESTs and

STSS, complete sequence.//1.9e-46:572:69//Z84480
 R-PLACE1009186//Human Chromosome X, complete sequence.//0.016:322:61//AC004070
 R-PLACE1009190//Plasmodium falciparum MAL3P8, complete sequence.//0.050:487:58//AL034560
 R-PLACE1009200//H.sapiens mRNA for sortilin.//1.0e-31:195:92//X98248
 5 R-PLACE1009230//Homo sapiens chromosome 19, CIT-HSP BAC 490g23 (BC338531), complete sequence.//
 1.8e-75:364:85//AC005392
 R-PLACE1009246//Cricetulus griseus SRD-2 mutant sterol regulatory element binding protein-2 (SREBP-2) mR-
 NA, complete cds.//6.6e-44:525:71//U22818
 R-PLACE1009308
 10 R-PLACE1009319//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//0.00010:132:75//AC004801
 R-PLACE1009328//Homo sapiens chromosome 17, clone hRPK.346_K_10, complete sequence.//3.3e-87:576:
 85//AC006120
 R-PLACE1009335//Borrelia burgdorferi (section 62 of 70) of the complete genome.//0.32:315:60//AE001176
 15 R-PLACE1009338//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING
 DRAFT SEQUENCE, 14 unordered pieces.//6.8e-05:411:59//AC005140
 R-PLACE1009368//Homo sapiens PAC clone DJ1179J19 from 7q11.23-q21, complete sequence.//0.00040:280:
 61//AC004989
 R-PLACE1009375//D. yakuba mitochondrial DNA for origin of replication, small ribosomal RNA , transfer RNAs
 20 tRNA-fMet, tRNA-Gln, tRNA-Ile and tRNA-Val.//1.1e-08:444:60//X05915
 R-PLACE1009388
 R-PLACE1009398//Homo sapiens BAC clone GS011E15 from 5q31, complete sequencer.//0.065:279:61//
 AC002427
 R-nnnnnnnnnnn//Homo sapiens clone NH0486I22, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.0e-
 25 06:253:64//AC005038
 R-PLACE1009410//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//9.8e-112:561:
 96//AC005919
 R-PLACE1009434//Human DNA sequence from clone 459L4 on chromosome 6p22.3-24.1 Contains EST, STS,
 GSS, complete sequence.//2.2e-21:126:79//AL031120 R-PLACE1009443//Homo sapiens nucleolar protein Nop30
 30 and cytoplasmic protein Myp (NOP) gene, alternatively spliced products, complete cds.//4.5e-14:117:91//
 AF064598
 R-PLACE1009444//Homo sapiens phosphatidylinositol 4-kinase mRNA, complete cds.//9.6e-85:479:90//L36151
 R-PLACE1009459
 R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1, complete sequence.//5.6e-
 35 101:540:94//AC004531
 R-PLACE1009477//Homo sapiens, clone hRPK.15_A_1, complete sequence.//3.4e-46:284:91//AC006213
 R-PLACE1009493//Human Chromosome 16 BAC clone CIT987SK-A-363E6, complete sequence.//5.5e-107:581:
 92//U91321
 R-PLACE1009524//Homo sapiens DNA sequence from PAC 63G5 on chromosome-22q12.3-13.1. Contains part
 40 of a gene for a human SEC7 homolog B2-1 (cytohesin-2, Armo, ARF exchange factor) LIKE protein, an unknown
 gene and a gene coding for a Leucine rich protein. Contains ESTs, STSs and GSSs, complete sequence.//0.74:
 301:61//Z94160
 R-PLACE1009539//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167A19, WORKING
 DRAFT SEQUENCE.//5.7e-29:357:74//AL031427
 45 R-PLACE1009542//CIT-HSP-2166P10.TRB CIT-HSP Homo sapiens genomic clone 2166P10, genomic survey
 sequence.//2.6e-10:145:75//B89614
 R-PLACE1009571//RPC11-61J16.TK RPC11 Homo sapiens genomic clone R-61J16, genomic survey se-
 quence.//0.016:68:80//AQ202146
 R-PLACE1009581
 50 R-PLACE1009595//Homo sapiens clone DJ56J10, complete sequence.//1.8e-38:365:79//AC005006
 R-PLACE1009596//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 501A4, WORKING
 DRAFT SEQUENCE.//1.2e-29:314:76//Z98051
 R-PLACE1009607//cSRL-77g9-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone
 cSRL-77g9, genomic survey sequence.//2.1e-05:142:69//B06230
 55 R-PLACE1009613//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-89, complete
 sequence.//3.6e-08:434:59//AL010266
 R-PLACE1009621//Sequence 50 from patent US 5691147.//1.5e-20:235:73//I76222
 R-PLACE1009622//CIT-HSP-2023D13.TFB CIT-HSP Homo sapiens genomic clone 2023D13, genomic survey

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sequence.//0.72:176:62//B81271
R-PLACE1009637//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.0068:396:59//X95276
R-PLACE1009639//Arabidopsis thaliana DNA chromosome 4, BAC clone F10M6 (ESSAll project).//0.013:521:58//AL021811
5 R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds.//1.0e-107:589:92//AB011159
R-PLACE1009665//Human PAC clone DJ0658N05 from 7p21, complete sequence.//8.4e-72:487:85//AC003075
R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds.//2.0e-61:310:97//AF062534
R-PLACE1009708//Homo sapiens clone DJ0935K16, complete sequence.//2.8e-103:542:94//AC006011
R-PLACE1009721//Human Cosmid g0771a222 from 7q31.3, complete sequence.//4.6e-85:518:88//AC000109
10 R-PLACE1009731//Homo sapiens DNA sequence from PAC 434O14 on chromosome 1q32.3-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs, complete sequence.//0.0033:215:65//AL022398
R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds.//6.2e-116:598:95//AF046024
15 R-PLACE1009794
R-nnnnnnnnnnn//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubi-quinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs, an STS and GSSs,
20 complete sequence.//7.5e-88:191:96//AL030996
R-PLACE1009845//Homo sapiens DNA sequence from PAC 234H5 on chromosome 6q21. Contains an unknown gene, ESTs and STSs, complete sequence.//8.7e-19:226:69//Z98172
R-PLACE1009879//Homo sapiens genomic DNA, 21q region, clone: 149C3A68, genomic survey sequence.//2.1e-29:230:76//AG002672
25 R-PLACE1009886//Homo sapiens PAC clone DJ0997N05 from 7q11.23-q21.1, complete sequence.//0.99:203:61//AC004945
R-PLACE1009888//Homo sapiens chromosome 19, BAC CIT-B-393i15 (BC301323), complete sequence.//5.3e-91:577:88//AC006116
R-nnnnnnnnnnn
30 R-PLACE1009921//Homo sapiens cosmid clone HDAB (1S149) insert DNA, complete cosmid.//4.7e-81:385:84//M63005
R-PLACE1009924//HS_3151_B1_B10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3151 Col=19 Row=D, genomic survey sequence.//5.5e-47:240:99//AQ167412
R-PLACE1009925//CIT978SK-A-931F6.TV CIT978SK Homo sapiens genomic clone A-931F6, genomic survey
35 sequence.//0.00010:159:68//B51673
R-PLACE1009935//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.081:238:65//AC005308
R-PLACE1009947//Homo sapiens PAC clone 248015 from 13q12-q13, complete sequence.//1.0:353:58//AC002483
40 R-PLACE1009971//Homo sapiens full-length insert cDNA clone ZD38E12.//3.7e-11:152:75//AF086247
R-PLACE1009992
R-PLACE1009995//Plasmodium falciparum chromosome 2, section 4 of 73 of the complete sequence.//0.0019:305:61//AE001367
R-PLACE1009997//Homo sapiens chromosome 10 clone CIT987SK-1175G20 map 10q25.2-10q25.3, complete
45 sequence.//1.8e-43:462:76//AC005874
R-PLACE1010023//HS_3018_B1_H10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3018 Col=19 Row=P, genomic survey sequence.//0.00013:198:63//AQ093513
R-PLACE1010031//Human DNA sequence from clone 30M3 on chromosome 6p22.1-22.3. Contains three novel genes, one similar to C. elegans Y63D3A.4 and one similar to (predicted) plant, worm, yeast and archaea bacterial
50 genes, and the first exon of the KIAA0319 gene. Contains ESTs, GSSs and putative CpG islands, complete sequence.//7.4e-115:581:96//AL031775
R-PLACE1010053//M.musculus Spnr mRNA for RNA binding protein.//1.9e-05:136:74//X84692
R-PLACE1010069//CIT-HSP-2328B12.TF CIT-HSP Homo sapiens genomic clone 2328B12, genomic survey sequence.//2.6e-60:324:94//AQ042094
55 R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds.//4.6e-87:543:88//AF065482
R-PLACE1010076//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0473M13; HTGS phase 1, WORKING DRAFT SEQUENCE, 4 unordered pieces.//6.3e-08:489:58//AC005699
R-PLACE1010083

R-PLACE1010089//F19F22-Sp6 IGF Arabidopsis thaliana genomic clone F19F22, genomic survey sequence.//
 0.14:400:59/B10583
 R-PLACE1010096//R.norvegicus mRNA for 100 kDa protein.//4.3e-91:562:87//X64411
 R-PLACE1010102//Apis mellifera tRNA-Leu cytochrome oxidase II intergenic spacer region, mitochondrial se-
 5 quence.//1.5e-08:357:60//AF039556
 R-PLACE1010105//Plasmodium falciparum chromosome 2, section 11 of 73 of the complete sequence.//4.0e-09:
 510:59//AE001374
 R-PLACE1010106//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 54B20, WORKING
 DRAFT SEQUENCE.//1.4e-12:194:73//Z98304
 10 R-PLACE1010134
 R-PLACE1010148//HS_3128_A1_D09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3128 Col=17 Row=G, genomic survey sequence.//0.17:281:61//AQ140790
 R-PLACE1010152//Mouse mRNA for arylhydrocarbon receptor, complete cds.//3.1e-45:351:81//D38417
 R-PLACE1010181//Homo sapiens clone DJ0914M06, WORKING DRAFT SEQUENCE, 1 unordered pieces.//
 15 3.6e-06:207:66//AC004928
 R-PLACE101019411HS_2232_B1_H10_MR CIT Approved Human Genomic Sperm Library D. Homo sapiens ge-
 nomic clone Plate=2232 Col=19 Row=P, genomic survey sequence.//2.4e-08:134:74//AQ185425
 R-PLACE1010202//Human DNA sequence from clone 227L5 on chromosome Xp11.22-11.3. Contains a Keratin,
 Type 1 Cytoskeletal 18 (KRT18, CYK18, K18, CK18) pseudogene and an STS, complete sequence.//0.00035:383:
 20 61//AL031585
 R-PLACE1010231//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 287G14, WORKING
 DRAFT SEQUENCE.//1.2e-95:519:94//AL033377
 R-PLACE1010261
 R-PLACE1010270//H.sapiens CpG island DNA genomic Mse1 fragment, clone 85a6, reverse read cpG85a61rt1a.//
 25 0.068:171:63//Z63482
 R-PLACE1010274//S.douglasii gene for cytochrome b.//4.5e-07:276:63//X59280
 R-PLACE1010293//Homo sapiens chromosome 2 PAC RPCI3-417E16 (Roswell Park Cancer Institute Human
 PAC library) complete sequence.//4.7e-91:522:90//AC004464
 R-PLACE1010321
 30 R-PLACE1010324//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y38E10,
 WORKING DRAFT SEQUENCE.//5.7e-08:484:57//AL021149
 R-PLACE1010329//Homo sapiens Chromosome 22q11.2 Cosmid Clone 50d10 In IGLC Region, complete se-
 quence.//7.9e-35:328:79//AC000024
 R-PLACE1010341//Homo sapiens clone DJ1125K23, WORKING DRAFT SEQUENCE, 21 unordered pieces.//
 35 1.3e-31:418:66//AC004971
 R-PLACE1010362
 R-PLACE1010364//Mus cookii mitochondrion DNA fragment.//0.23:162:64//M77098
 R-PLACE1010383//Homo sapiens chromosome 17, clone hCIT.186_H_2, complete sequence.//1.4e-105:543:95//
 AC004675
 40 R-PLACE1010401//Human Chromosome 15q11-q13 PAC clone pDJ223c9 from the Prader-Willi/Angelman Syn-
 drome region, complete sequence.//0.00017:268:62//AC004137
 R-PLACE1010481//Bos taurus C5-glucuronyl epimerase mRNA, partial cds.//8.6e-79:556:83//AF003927
 R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds.//7.3e-88:438:96//AF039081
 R-PLACE1010492//HS_3169_B2_B04_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 45 nomic clone Plate=3169 Col=8 Row=D, genomic survey sequence.//0.98:171:63//AQ169892
 R-PLACE1010522//WORKING DRAFT SEQUENCE, 6 unordered pieces.//0.34:407:62//AC006082
 R-nnnnnnnnnnnnn
 R-PLACE1010562//CITBI-E1-2503B16.TF CITBI-E1 Homo sapiens genomic clone 2503B16, genomic survey se-
 quence.//6.4e-17:152:84//AQ265929
 50 R-PLACE1010579//Torulopsis glabrata mitochondrial gene for ribosomal protein varl.//1.7e-05:271:65//X02893
 R-PLACE1010580
 R-PLACE1010599
 R-PLACE1010616//Human BAC clone RG343P13 from 7q31, complete sequence.//3.0e-13:151:75//AC002465
 R-PLACE1010622//Arabidopsis thaliana BAC F1104.//0.00031:366:60//AF096370
 55 R-PLACE1010624//Homo sapiens chromosome 7q22 sequence, complete sequence.//8.2e-34:322:79//
 AF053356
 R-PLACE1010628//Homo sapiens clone DJ0647C14, WORKING DRAFT SEQUENCE, 21 unordered pieces.//
 2.3e-97:515:94//AC004846

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R-PLACE1010629//HS_3003_A2_C08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3003 Col=16 Row=E, genomic survey sequence.//5.6e-60:321:95//AQ130493

R-PLACE1010630//Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence.//0.051:372:59//AE001382

5 R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds.//2.6e-92:497:93//AB011102

R-PLACE1010661//CIT-HSP-2008K15.TR CIT-HSP Homo sapiens genomic clone 2008K15, genomic survey sequence.//5.7e-27:160:95//B57089

R-PLACE1010662//Caenorhabditis elegans cosmid C12C8, complete sequence.//9.4e-09:151:73//Z81467

10 R-PLACE1010702//CIT-HSP-2314C3.TR CIT-HSP Homo sapiens genomic clone 2314C3, genomic survey sequence.//1.3e-90:459:96//AQ028536

R-PLACE1010714//Saccharomyces douglasii mitochondrial tRNA-Ser and tRNA-Phe genes, partial sequence, and Var1p (var1) gene, mitochondrial gene encoding mitochondrial protein, complete cds.//5.3e-08:478:58//U49822

R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds.//3.8e-55:300:95//AF092564

15 R-PLACE1010739//Human DNA sequence from clone 393P23 on chromosome Xq21.1-21.33. Contains GSSs, complete sequence.//3.4e-89:507:90//Z95400

R-PLACE1010743

R-PLACE1010761//Homo sapiens chromosome 17, clone hRPK.294_J_22, complete sequence.//3.0e-103:511:97//AC005921

20 R-PLACE1010771

R-PLACE1010786

R-PLACE1010800//Homo sapiens clone NH0084K19, WORKING DRAFT SEQUENCE, 30 unordered pieces.//1.8e-43:545:71//AC005682

25 R-PLACE1010802//Phoebis agarithe large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs.//1.9e-09:492:59//AF044862

R-PLACE1010811//Homo sapiens Xp22 BAC GSHB-257G1 (Genome Systems BAC Library) complete sequence.//0.041:415:59//AC002524

30 R-PLACE1010833

R-PLACE1010856//Plasmodium falciparum 3D7 chromosome 12 PFYAC812 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.0022:512:55//AC004153

R-PLACE1010857//Homo sapiens genomic DNA of 8p21.3-p22 anti-oncogene of hepatocellular colorectal and non-small cell lung cancer, segment 11/11//4.9e-85:507:90//AB020868

35 R-PLACE1010870//RPCI11-59K21:TK RPCI11 Homo sapiens genomic clone R-59K21, genomic survey sequence.//8.2e-85:422:97//AQ195697

R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds.//7.0e-100:501:96//AB011182

R-PLACE1010891//Homo sapiens chromosome X, clone 592, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.10:162:61//AC002489

40 R-PLACE1010896//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING DRAFT SEQUENCE, 8 unordered pieces.//0.00032:409:59//AC005505

R-PLACE1010900//Homo sapiens DNA, trinucleotide repeats region.//3.2e-07:180:71//AB018488

R-PLACE1010916//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.041:205:60//AL034557

45 R-PLACE1010917

R-PLACE1010925//HS_2027_B2_B09_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2027 Col=18 Row=D, genomic survey sequence.//1.6e-46:404:77//AQ247031

R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds.//4.2e-65:402:89//AB011126

R-nnnnnnnnnnnn//Homo sapiens intersectin short form mRNA, complete cds.//1.9e-80:441:93//AF064243

50 R-PLACE1010944

R-PLACE1010947//D.discoideum rasG gene.//0.00044:181:65//Z11533

R-PLACE1010954//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//3.0e-51:518:74//AC005077

R-PLACE1010960//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 451B21, WORKING DRAFT SEQUENCE.//0.022:292:63//AL033522

55 R-PLACE1010965//Human mariner1 transposase gene, complete consensus sequence.//1.0e-64:444:84//U52077

R-PLACE1011026//Rickettsia prowazekii strain Madrid E, complete genome; segment 3/4.//0.59:345:61//

AJ235272
 R-PLACE1011032//Human DNA sequence from PAC 389A20 on chromosome X contains ESTs STS, CpG islands and polymorphic CA repeat.//0.62:82:75//Z93242
 R-PLACE1011041//H.sapiens DNA sequence.//0.051:162:66//Z22248
 5 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0581 protein, partial cds.//2.9e-100:563:91//AB011153
 R-PLACE1011054//Human DNA sequence from PAC 46H23, BRCA2 gene region chromosome 13q12-13 contains Klotho, ESTs.//4.7e-29:280:73//Z84483
 R-PLACE1011056//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 341D10, WORKING DRAFT SEQUENCE.//1.7e-39:288:84//Z97985
 10 R-PLACE1011057//CIT-HSP-2014F10.TF CIT-HSP Homo sapiens genomic clone 2014F10, genomic survey sequence.//2.4e-60:370:90//B58896
 R-PLACE1011090//Homo sapiens chromosome 4 clone B200N5 map 4q25, complete sequence.//0.12:489:59//AC005509
 R-PLACE1011109//Homo sapiens chromosome Y, clone 486, O, 2, complete sequence.//8.4e-43:427:76//AC002531
 15 R-PLACE1011114//Homo sapiens mRNA from HIV associated non-Hodgkin's lymphoma (clone hl1-14).//1.7e-29:179:94//Y16709
 R-PLACE1011133//HS-1058-B1-H02-MF.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 780 Col=3 Row=P, genomic survey sequence.//1.0:133:63//44006
 20 R-PLACE1011143//H.sapiens CpG island DNA genomic Mse1 fragment, clone 127a4, forward read cpg127a4.ft1a.//1.0:127:67//Z56550
 R-PLACE1011160//Homo sapiens HRIHFB2038 mRNA, partial cds.//2.4e-95:534:91//AB015333
 R-PLACE1011165//Human Cosmid g5129s232 from 7q31.3, complete sequence.//0.47:355:58//AC003968
 R-PLACE1011185//Homo sapiens clone DJ0038i10, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.3e-26:403:70//AC004820
 25 R-PLACE1011203//paramecium species 4.51er mt dna dimer: replication init. region, clone 1.//1.0e-10:379:60//K00908
 R-PLACE1011219//HS_3036_B1_F08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3036 Col=15 Row=L, genomic survey sequence.//2.6e-39:253:88//AQ104587
 30 R-PLACE1011221//Homo sapiens T-cell receptor alpha delta locus from bases 250472 to 501670 (section 2 of 5) of the Complete Nucleotide Sequence.//0.32:279:60//AE000659
 R-PLACE1011229//HS_3002_B1_E10_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3002 Col=19 Row=J, genomic survey sequence.//9.3e-31:317:74//AQ303626
 R-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21, complete sequence.//1.2e-109:571:94//AC005014
 35 R-PLACE1011273//Saccharomyces douglasii mitochondrial cytochrome c oxidase subunit I (COXI) gene, complete cds.//0.00027:337:61//M97514
 R-PLACE1011291
 R-PLACE1011296//H.sapiens steroid reductase pseudogene.//4.2e-37:326:80//M68887
 40 R-PLACE1011310//H.sapiens 5' flanking sequence of gene for corticotropin.//0.0017:416:60//X67661
 R-PLACE1011325//Plasmodium falciparum chromosome 2, section 35 of 73 of the complete sequence.3.0e-10:511:59//AE001398
 R-PLACE1011332//Homo sapiens chromosome 17, clone HCIT3L16, WORKING DRAFT SEQUENCE, 7 unordered pieces.//8.3e-06:250:64//AC002344
 45 R-PLACE1011340//Human BAC clone RG341D10 from 7p15-p21, complete sequence.//0.67:290:58//AC002530
 R-PLACE1011375//Mus musculus Kv3.4 gene, exon 4.//6.8e-23:190:86//AJ010310
 R-PLACE1011399//Plasmodium falciparum 3D7 chromosome 12 PFYACB8-420 genomic sequence, WORKING DRAFT SEQUENCE, 14 unordered pieces.//0.22:359:60//AC005140
 R-PLACE1011419//Human DNA sequence from cosmid U90B3, on chromosome Xp11, contains ESTs.//5.1e-32:282:81//Z74022
 50 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0530 protein, partial cds.//1.5e-112:600:94//AB011102
 R-PLACE1011452//Homo sapiens clone DJ0945F02, WORKING DRAFT SEQUENCE, 7 unordered pieces.//3.9e-77:303:85//AC006013
 R-PLACE1011465
 55 R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds.//7.9e-103:515:96//AB018255
 R-PLACE1011492//A-837A4.TP CIT978SK Homo sapiens genomic clone A-837A4, genomic survey sequence.//6.5e-37:234:82//B14085
 R-PLACE1011503//Homo sapiens chromosome 17, clone hRPC.1171_I_10, complete sequence.//0.99:267:60//

- AC004687
 R-PLACE1011520//Homo sapiens clone DJ1119N05, complete sequence.//2.0e-116:591:96//AC004968
 R-PLACE1011563//Plasmodium falciparum 3D7 chromosome 12 PFYAC69 genomic sequence, WORKING
 DRAFT SEQUENCE, 4 unordered pieces.//1.2e-13:566:59//AC004688
 5 R-PLACE1011567//Plasmodium-falciparum MAL3P6, complete sequence.//0.62:358:61//Z98551
 R-PLACE1011576//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//8.7e-45:400:78//
 AC003973
 R-PLACE1011586//Homo sapiens chromosome 17, clone HRPC890E16, complete sequence.//2.2e-59:338:93//
 AC004477
 10 R-PLACE1011635//C.pasteurianum pfl gene and act gene.//0.71:288:60//X93463
 R-PLACE1011641//Mycoplasma genitalium random genomic clone sg11, partial cds.//0.023:232:60//U02205
 R-PLACE1011643//Homo sapiens chromosome 19, cosmid R33590, complete sequence.//1.4e-21:432:67//
 AC005620
 R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence.//7.8e-72:414:91//AF070535
 15 R-PLACE1011650//Human PAC clone DJ327A19 from Xq25-q26, complete sequence.//5.1e-27:174:79//
 AC002477
 R-PLACE1011664//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone. 460D19, WORKING
 DRAFT SEQUENCE.//7.4e-05:238:65//AL031905
 R-PLACE1011675//CIT-HSP-2370M16.TR CIT-HSP Homo sapiens genomic clone 2370M16, genomic survey se-
 20 quence.//1.3e-27:233:81//AQ108283
 R-PLACE1011682//H.sapiens HLA-DMB gene.//2.3e-22:390:67//X76776
 R-PLACE1011719//Homo sapiens 12q24.2 BAC RPC11-360E11 (Roswell Park Cancer Institute Human BAC Li-
 brary) complete sequence.//3.1e-24:409:66//AC004806
 R-PLACE1011725//Homo sapiens unknown mRNA downregulated by induced differentiation with 13-cis retinoic
 25 acid.//0.13:143:65//AF026526
 R-PLACE1011729//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y738F9, WORKING
 DRAFT SEQUENCE.//1.1e-15:157:82//AL022345
 R-PLACE1011749//Homo sapiens clone RG315H11, WORKING DRAFT SEQUENCE, 5 unordered pieces.//1.5e-
 38:314:81//AC005089
 30 R-PLACE1011762//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//1.9e-35:538:68//
 AC002383
 R-PLACE1011778//CIT-HSP-2326C17.TV CIT-HSP Homo sapiens genomic clone 2326C17, genomic survey se-
 quence.//2.8e-58:346:91//AQ028782
 R-PLACE1011783//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 229A8, WORKING
 35 DRAFT SEQUENCE.//4.6e-38:288:84//Z86090
 R-PLACE1011858//Human DNA sequence from clone 496N17 on chromosome 6p11.2-12.3 Contains EST, GSS,
 complete sequence.//4.1e-104:524:97//AL031321
 R-PLACE1011874//Homo Sapiens Chromosome X clone bWDX312, complete sequence.//2.1e-100:511:95//
 AC004478
 40 R-PLACE1011875
 R-PLACE1011891//Human lens membrane protein (mp19) gene, exon 11.//0.0011:195:64//L04193
 R-PLACE1011896//Homo sapiens DNA sequence from PAC 434014 on chromosome 1q32.3-41. Contains the
 HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE
 pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two novel genes. Contains ESTs and GSSs,
 45 complete sequence.//0.010:110:74//AL022398
 R-PLACE1011922//Homo sapiens chromosome 21q22.3 PAC 171F15, complete sequence.//3.5e-10:152:74//
 AF042090
 R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds.//7.0e-98:546:92//AF059617
 R-PLACE1011962//CIT-HSP-2294L24.TF CIT-HSP Homo sapiens genomic clone 2294L24, genomic survey se-
 50 quence.//0.31:131:63//AQ006352
 R-PLACE1011964//Homo sapiens chromosome 17, clone HRPC987K16, complete sequence.//2.5e-08:393:63//
 AC002994
 R-PLACE1011982//Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MDJ14, complete sequence.//
 9.6e-09:463:62//AB016889
 55 R-PLACE1011995//Human Down Syndrome region of chromosome 21, clone A12H1-2H4.//2.7e-39:294:82//
 U44738
 R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds.//2.5e-104:540:95//AB018256
 R-PLACE2000003//Human PAC clone DJ404F18 from Xq23, complete sequence.//4.9e-10:439:63//AC004000

R-PLACE2000007//Human fibroblast growth factor receptor 3 (FGFR3) gene, intron 3.//1.0:151:66//L78722
 R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence.//1.5e-103:524:95//AF091080
 R-PLACE2000015//Homo sapiens PAC clone DJ269005 from Xq23, complete sequence.//0.94:372:57//AC005191
 R-PLACE2000017//Homo sapiens chromosome 17, clone hCIT.162_E_12, complete sequence.//3.0e-55:299:86//
 5 AC006236
 R-PLACE2000021//CIT-HSP-2343C18.TR CIT-HSP Homo sapiens genomic clone 2343C18, genomic survey se-
 quence.//4.5e-54:295:94//AQ058140
 R-PLACE2000033//H.sapiens gene for mitochondrial ATP synthase c subunit (P1 form).//6.5e-38:298:82//X69907
 R-PLACE2000034//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//5.3e-
 10 34:200:79//AC005628
 R-PLACE2000039//Homo sapiens BAC clone RG060N22 from 7q21, complete sequence.//1.8e-49:274:89//
 AC003083
 R-PLACE2000047//CIT-HSP-2373C2.TR CIT-HSP Homo sapiens genomic clone 2373C2, genomic survey se-
 quence.//1.8e-48:389:79//AQ112243
 15 R-PLACE2000050//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 117715, WORKING
 DRAFT SEQUENCE.//0.0027:95:76//AL022315
 R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds.//2.9e-39:429:72//AB011147
 R-PLACE2000062//Homo sapiens clone DJ0539M06, WORKING DRAFT SEQUENCE, 10 unordered pieces.//
 5.9e-40:310:84//AC004832
 20 R-PLACE2000072//Homo sapiens ZNF202 beta (ZNF202) mRNA, complete cds.//1.9e-109:550:95//AF027219
 R-PLACE2000097//Homo sapiens chromosome 12p13.3 clone RPC111-189M20, WORKING DRAFT SE-
 QUENCE, 39 unordered pieces.//1.6e-106:553:95//AC005910
 R-PLACE2000100//Human DNA sequence from clone 301K23 on chromosome 1p35.1-36.21. Contains the 5' part
 of a novel gene similar to predicted yeast and worm genes. Contains ESTs and GSSs, complete sequence.//1.8e-
 25 38:285:84//AL031730
 R-PLACE2000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 20208, WORKING
 DRAFT SEQUENCE.//4.3e-113:559:97//AL031848
 R-PLACE2000111//Rat MLC1V gene encoding alkali myosin ventricel light chain, exon 1.//0.00041:347:61//
 X16325
 30 R-PLACE2000115//Cervus elaphus MHC class II DRB pseudogene, intron 2 microsatellite.//0.50:165:63//U63067
 R-PLACE2000132
 R-PLACE2000136//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-30, complete
 sequence.//0.0032:310:61//AL008974
 R-PLACE2000140//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 11703, WORKING
 35 DRAFT SEQUENCE.//1.1e-111:566:96//AL020995
 R-PLACE2000164
 R-PLACE2000170//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0024K08;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 5 unordered pieces.//3.9e-40:390:76//AC005598
 R-PLACE2000172
 40 R-PLACE2000176
 R-PLACE2000187//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 268H5, WORKING
 DRAFT SEQUENCE.//8.7e-45:298:87//AL008718
 R-PLACE2000216//Dog nonerythroid beta-spectrin mRNA, 3' end.//5.6e-88:495:92//L02897
 R-PLACE2000223
 45 R-PLACE2000235//HS_3159_B1_B06_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3159 Col=11 Row=D, genomic survey sequence.//1.8e-88:454:96//AQ179271
 R-PLACE2000246//Homo sapiens chromosome 3p clone RPC14-544D10, WORKING DRAFT SEQUENCE, 58
 unordered pieces.//9.1e-41:282:86//AC005902
 R-PLACE2000264//Homo sapiens DNA sequence from PAC 95C20 on chromosome Xp11.3-11.4. Contains STSs
 50 and the DXS7 locus with GT and GTG repeat polymorphisms, complete sequence.//8.3e-35:305:80//Z97181
 R-PLACE2000274//Human Chromosome 16 BAC clone CIT987SK-A-211C6, complete sequence.//3.5e-18:325:
 67//AC002394
 R-PLACE2000302//Homo sapiens chromosome 17, clone HRPC1067M6, complete sequence.//1.5e-39:287:85//
 AC003043
 55 R-PLACE2000305//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 16915, WORKING
 DRAFT SEQUENCE.//1.2e-43:295:85//Z93015
 R-PLACE2000317//Human DNA sequence from clone 245G19 on chromosome Xp22.11-22.2 Contains serine-
 threonine kinase (Tpx3) gene, a pseudogene similar to ALPHA-1 PROTEIN ((CONNEXIN 43, CX43, GAP JUNC-

TION 43 KD HEART PROTEIN)), and the 3' end of the RS1 (X-linked juvenile retinoschisis precursor protein) gene. Contains ESTs, STSs and GSSs, complete sequence.//4.0e-05:284:65//Z92542
 R-PLACE2000335//Homo sapiens clone DJ0755D09, WORKING DRAFT SEQUENCE, 3 unordered pieces.//1.5e-26:334:70//AC006147
 5 R-PLACE2000342//Fugu rubripes cosmid 258N02 containing IGFII, TH, NAP2 genes.//4.0e-05:254:64//AL021880
 R-PLACE2000347//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 799N4, WORKING DRAFT SEQUENCE.//1.6e-82:504:88//AL022147
 R-PLACE2000359//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 40E16, WORKING DRAFT SEQUENCE.//2.0e-36:314:80//AL031963
 10 R-PLACE2000366//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 796F18, WORKING DRAFT SEQUENCE.//2.0e-48:389:80//AL031291
 R-PLACE2000371
 R-PLACE2000373//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 324M8, WORKING DRAFT SEQUENCE.//0.61:231:61//AL008734
 15 R-PLACE2000379//Homo sapiens clone DJ0892G19, complete sequence.//3.5e-11:287:67//AC004917
 R-PLACE2000394//Human DNA sequence from clone 465N24 on chromosome 1p35.1-36.13. Contains two novel genes, ESTs, GSSs and CpG islands, complete sequence.//6.8e-108:553:96//AL031432
 R-PLACE2000398//Homo sapiens clone RG074A24, WORKING DRAFT SEQUENCE, 25 unordered pieces.//2.9e-26:326:73//AC005059
 20 R-PLACE2000399
 R-PLACE2000404//Homo sapiens chromosome 5, BAC clone 282B7 (LBNL H192), complete sequence.//6.5e-84:434:96//AC005216
 R-PLACE2000411//P.clarkii mRNA; repeat region (ID 2R).//0.47:104:70//Z54273
 R-PLACE2000419
 25 R-PLACE2000425//Homo sapiens X-linked anhidrotic ectodermal dysplasia protein gene (EDA), exon 2 and flanking repeat regions.//1.9e-40:447:74//AF003528
 R-PLACE2000427
 R-PLACE2000433//Human Chromosome 15 pac pDJ24m8, complete sequence.//3.5e-40:286:85//AC000379
 R-PLACE2000435
 30 R-PLACE2000438//Homo sapiens full-length insert cDNA clone ZE04D01.//2.2e-107:523:98//AF086521
 R-PLACE2000450 4.1e-42:328:79//AG006257
 R-PLACE2000455
 R-PLACE2000458//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete-sequence.//5.1e-116:570:97//AC005740
 35 R-PLACE2000465//Human BAC clone RG191D16, complete sequence.//6.3e-37:408:75//AC002460
 R-PLACE2000477//M.musculus tex264 mRNA (3'region).//7.5e-06:117:76//X80427
 R-PLACE3000004
 R-PLACE3000029//Human DNA sequence from PAC 506G2 contains STSs and a CpG island.//5.8e-34:308:78//Z82976
 40 R-PLACE3000059//Mus musculus mRNA for ubiquitin conjugating enzyme.//1.1e-36:273:87//Y17267
 R-PLACE3000070//Homo sapiens chromosome 5, PAC clone 17e19 (LBNL H148), complete sequence.//2.3e-10:181:71//AC004648
 R-PLACE3000103//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//1.2e-48:495:74//AL022156
 45 R-PLACE3000119//Homo sapiens Chromosome 22q12 BAC Clone 58b8 In Meningioma Deletion Region, complete sequence.//3.4e-39:283:85//AC000026
 R-PLACE3000124//Homo sapiens chromosome 5, P1 clone 793c5 (LBNL H57), complete sequence.//9.2e-23:171:76//AC005200
 R-PLACE3000136//U.arctos microsatellite DNA, clone UarMU23.//0.00052:171:65//Y09645
 50 R-PLACE3000142//HS_3037_82_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3037 Col=4 Row=D, genomic survey sequence.//0.88:121:66//AQ097023
 R-PLACE3000147//Mus musculus DNA for ADAMTS-1, complete cds.//3.3e-23:472:66//AB001735
 R-PLACE3000148//Human DNA from cosmid L27h9, Huntington's Disease Region, chromosome 4p16.3 contains CpG island.//3.5e-11:176:73//Z49237
 55 R-PLACE3000155//Homo sapiens chromosome 17, clone hRPK.597_M_12, complete sequence.//6.9e-106:549:94//AC005277
 R-PLACE3000156//Homo sapiens BAC clone RG067E13 from 7q21, complete sequence.//7.0e-38:545:70//AC002383

R-PLACE3000157
 R-PLACE3000158//, complete sequence.//1.4e-33:283:81//AC005500
 R-PLACE3000160
 R-PLACE3000169//Homo sapiens chromosome 19, BAC CIT-B-191n6, complete sequence.//5.2e-43:229:85//
 5 AC006130
 R-PLACE3000194
 R-PLACE3000197//Homo sapiens chromosome 17, clone hRPK.401_O_9, complete sequence.//7.2e-61:394:89//
 AC005291
 R-PLACE3000199//Homo sapiens Xq28 genomic DNA in the region of the L1CAM locus containing the genes for
 10 neural cell adhesion molecule L1 (L1CAM), arginine-vasopressin receptor (AVPR2), C1 p115 (C1), ARD1 N-
 acetyltransferase related protein (TE2), renin-binding protein (RbP), host cell factor 1 (HCF1), and interleukin-1
 receptor-associated kinase (IRAK) genes, complete cds, and Xq281u2 gene.//0.23:309:57//U52112 R-
 PLACE3000207//CIT-HSP-384B14.TR CIT-HSP Homo sapiens genomic clone 384B14, genomic survey se-
 quence.//1.1e-15:156:81//B54637
 15 R-PLACE3000208//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 591N18, WORKING
 DRAFT SEQUENCE.//1.3e-16:139:87//AL031594
 R-PLACE3000218//HS_3185_B1_B01_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3185 Col=1 Row=D, genomic survey sequence.//3.5e-07:120:75//AQ155720
 R-PLACE3000220//Homo sapiens chromosome 17, clone HRPC1096F1, complete sequence.//2.4e-44:363:80//
 20 AC004167
 R-PLACE3000226//Caenorhabditis elegans cosmid M01G5.//0.88:95:77//AF078786
 R-PLACE3000230//Homo sapiens ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6) genes, complete cds, and
 lactoferrin (lactoferrin) gene, partial cds, complete sequence.//5.3e-69:536:81//U95626
 R-PLACE3000242//Sequence 1 from patent US 5599918.//3.2e-62:546:78//I35489
 25 R-PLACE3000244//M.musculus mRNA for 200 kD protein.//1.7e-45:404:75//X80169
 R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds.//7.5e-28:174:94//AB002307
 R-PLACE3000271//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 423B22, WORKING
 DRAFT SEQUENCE.//3.9e-54:492:77//AL034379
 R-PLACE3000276//Homo sapiens PAC clone DJ0320J15 from Xq23, complete sequence.//5.4e-12:176:69//
 30 AC004081
 R-PLACE3000304//Homo sapiens chromosome 19, cosmid R26660, complete sequence.//5.7e-114:555:97//
 AC005328
 R-PLACE3000310//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 467L1, WORKING
 DRAFT SEQUENCE.//6.2e-51:314:84//Z98884
 35 R-PLACE3000320//Homo sapiens elastin gene, exons 5-27 and alternatively spliced products, partial cds.//2.5e-
 44:289:90//U93037
 R-PLACE3000322//Human argininosuccinate lyase (ASL) gene, exon 3.//5.9e-20:153:88//M21006
 R-PLACE3000331//Homo sapiens clone DJ0592G07, WORKING DRAFT SEQUENCE, 3 unordered pieces.//
 1.1e-43:230:84//AC005480
 40 R-PLACE3000339
 R-PLACE3000341//Homo sapiens 3p22 Contig 7 PAC RPCI4-672N11 (Roswell Park Cancer Institute Human PAC
 Library) complete sequence.//2.5e-111:550:97//AC006055
 R-PLACE3000350//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs and
 GSSs, complete sequence.//1.5e-44:314:78//AL022323
 45 R-PLACE3000352//HS_3095_B1_E09_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3095 Col=17 Row=J, genomic survey sequence.//8.5e-73:356:99//AQ123142
 R-PLACE3000353//Caenorhabditis elegans DNA *** SEQUENCING IN PROGRESS *** from clone Y22F5,
 WORKING DRAFT SEQUENCE.//0.21:194:63//Z99712
 R-PLACE3000362//Plasmodium falciparum coronin gene, isolate 3D7.//0.26:360:60//AJ002197
 50 R-PLACE3000363
 R-PLACE3000365//Human BAC clone RG343P13 from 7q31, complete sequence.//4.6e-52:487:76//AC002465
 R-PLACE3000373//HS_3202_B1_G05_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3202 Col=9 Row=N, genomic survey sequence.//2.4e-75:437:90//AQ252699
 R-PLACE3000388//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 732E4, WORKING
 55 DRAFT SEQUENCE.//6.4e-61:515:81//AL008722
 R-PLACE3000399//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//
 0.00098:444:60//AC005231
 R-PLACE3000400//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING

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DRAFT SEQUENCE, 7 unordered pieces.//0.78:155:66//AC005506
R-PLACE3000401//Homo sapiens clone DJ1147A01, WORKING DRAFT SEQUENCE, 25 unordered pieces.//8.0e-47:223:81//AC006023
5 R-PLACE3000402//Homo sapiens chromosome 17, clone 104H12, complete sequence.//1.0:179:63//AC000003
R-PLACE3000405//Homo sapiens chromosome 7q telo BAC F6, complete sequence.//2.4e-44:466:74//AF104455
R-PLACE3000406//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 268H5, WORKING DRAFT SEQUENCE.//7.7e-49:471:75//AL008718
R-PLACE3000413
10 R-PLACE3000416//Homo sapiens *** SEQUENCING IN PROGRESS *** from PAC 1577, WORKING DRAFT SEQUENCE.//5.4e-42:416:77//AJ009612
R-PLACE3000425//Human DNA sequence from PAC 130G2 on chromosome 6p22.2-22.3. Contains ribosomal protein L29 pseudogene, ESTs and STSs.//1.1e-41:366:78//AL008627
R-PLACE3000455//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 469D22, WORKING DRAFT SEQUENCE.//3.8e-98:549:92//AL031284
15 R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, complete cds.//1.9e-82:440:92//U43899
R-PLACE3000477
R-PLACE4000009//R.norvegicus mRNA encoding 45kDa protein which binds to heyman nephritis antigen gp330.//6.6e-17:344:68//Z11995
20 R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds.//2.7e-83:433:95//AB018352
R-PLACE4000034//cSRL-51C5-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-51C5, genomic survey sequence.//0.54:116:66//B04984
R-PLACE4000049//Human BAC clone GS165I04 from 7q21, complete sequence.//0.29:313:59//AC002379
R-PLACE4000052//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING DRAFT SEQUENCE.//0.0058:466:57//AL034557
25 R-PLACE4000063//Homo sapiens chromosome 7q22 sequence, complete sequence.//0.98:246:61//AF053356
R-PLACE4000089//RPCI11-15I1.TUB RPCI-11 Homo sapiens genomic clone RPCI-11-15I1, genomic survey sequence.//3.2e-07:284:60//B82414
R-PLACE4000093//Plasmodium falciparum 3D7 chromosome 12 PFYAC357 genomic sequence, WORKING DRAFT SEQUENCE, 7 unordered pieces.//2.4e-07:429:60//AC005506
30 R-PLACE4000100
R-PLACE4000106//Homo sapiens clone 24561 unknown mRNA, partial cds.//9.3e-100:419:91//AF055010
R-PLACE4000128//Human Chromosome 16 BAC clone CIT987SK-A-61E3, complete sequence.//9.6e-45:284:90//AC003007
35 R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500.//1.6e-19:118:100//AB007969
R-PLACE4000147//Homo sapiens BAC clone NH0342K06 from 2, complete sequence.//8.9e-17:208:73//AC005034
R-PLACE4000156//Homo sapiens DNA sequence from PAC 352A20 on chromosome 6q24.1-25.1. Contains a pseudogene similar to yeast, bacterial, worm and slime mold hypothetical genes, and a gene coding for an aldehyde dehydrogenase family protein. Contains ESTs, STSs and GSSs, complete sequence.//3.7e-43:281:90//AL021939
40 R-PLACE4000192
R-PLACE4000222//Homo sapiens clone DJ1129J21, WORKING DRAFT SEQUENCE, 25 unordered pieces.//5.4e-44:280:82//AC005631
45 R-PLACE4000233//Homo sapiens full-length insert cDNA YH59G06.//1.8e-79:414:97//AF074981
R-PLACE4000247//Homo sapiens chromosome 17, clone hRPK.156_L_14, complete sequence.//5.7e-59:558:76//AC005821
R-PLACE4000250//CIT-HSP-2335L20.TR CIT-HSP Homo sapiens genomic clone 2335L20, genomic survey sequence.//1.7e-44:313:84//AQ037381
50 R-PLACE4000252//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//1.5e-39:311:83//AC005920
R-PLACE4000261//H.sapiens BF1P-g1H03np gene for immunoglobulin heavy chain variable region.//0.33:197:61//Z80410
R-PLACE4000269//Homo sapiens chromosome 4 clone B368A9 map 4q25, complete sequence.//1.4e-31:327:68//AC005510
55 R-PLACE4000270//Homo sapiens DNA for amyloid precursor protein, complete cds.//2.3e-32:345:74//D87675
R-PLACE4000300//Sequence 61 from patent US 5744300.//0.0017:51:98//AR003339
R-PLACE4000320//Human DNA sequence from clone 441J1 on chromosome 6p24 Contains STS, GSS, complete

sequence.//8.2e-41:295:85//Z99495
R-PLACE4000323//Human chromosome 11 187a8 cosmid, complete sequence.//1.3e-32:404:75//U73640
R-PLACE4000326
R-PLACE4000344//Homo sapiens PAC clone DJ0988G15 from 7q33-q35, complete sequence.//0.32:135:68//
5 AC005587
R-PLACE4000367//H.sapiens gene encoding RING finger protein.//0.61:146:67//Y07829
R-PLACE4000369//HS_3181_A1_B02_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3181 Col=3 Row=C, genomic survey sequence.//7.1e-80:424:94//AQ173222
R-PLACE4000379//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1104E15, WORKING
10 DRAFT SEQUENCE.//1.7e-05:160:65//AL022312
R-PLACE4000387//Homo sapiens clone DJ0876A24, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.4e-
47:351:81//AC004913
R-PLACE4000392//Human DNA sequence from clone 751H9 on chromosome 6q13. Contains part of an unknown
gene, ESTs, STSs and GSSs, complete sequence.//8.5e-88:541:88//AL034377
15 R-PLACE4000401//Human Chromosome 11 overlapping pacs pDJ235k10 and pDJ239b22, WORKING DRAFT
SEQUENCE, 17 unordered pieces.//2.7e-17:143:83//AC000406
R-PLACE4000411
R-PLACE4000445//Homo sapiens clone DJ0613C23, WORKING DRAFT SEQUENCE, 4 unordered pieces.//
0.028:91:78//AC005628
20 R-PLACE4000465//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING
DRAFT SEQUENCE.//1.6e-43:532:71//AL022156
R-PLACE4000489//Plasmodium falciparum chromosome 2, section 64 of 73 of the complete sequence.//4.1e-06:
357:61//AE001427
R-PLACE4000494//Homo sapiens 12p13.3 PAC RPCI5-1063M23 (Roswell Park Cancer Institute Human PAC
25 Library) complete sequence.//2.7e-37:416:74//AC005865
R-PLACE4000522
R-PLACE4000548//Homo sapiens 12p13.3 PAC RPCI5-1096D14 (Roswell Park Cancer Institute Human PAC Li-
brary) complete sequence.//0.0020:383:60//AC005342
R-PLACE4000558//Homo sapiens 12q24 BAC RPCI11-162P23 (Roswell Park Cancer Institute Human BAC li-
30 brary) complete sequence.//2.9e-44:465:75//AC002996
R-THYRO1000026//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 37E16, WORKING
DRAFT SEQUENCE.//2.2e-43:354:82//Z83844
R-THYRO1000034//Plasmodium falciparum chromosome 2, section 59 of 73 of the complete sequence.//0.022:
327:60//AE001422
35 R-THYRO1000035//HS_3018_B2_F10_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
nomic clone Plate=3018 Col=20 Row=L, genomic survey sequence.//2.3e-36:228:91//AQ092318
R-THYRO1000040//Plasmodium falciparum 3D7 chromosome 12 PFYAC293 genomic sequence, WORKING
DRAFT SEQUENCE, 9 unordered pieces.//1.0:367:56//AC004157
R-THYRO1000070//***ALU WARNING: Human Alu-Sq subfamily consensus sequence.1/1e-44:284:89//U14573
40 R-THYRO1000072//***ALU WARNING: Human Alu-J subfamily consensus sequence.//6.6e-33:150:83//U14567
R-THYRO1000085
R-THYRO1000092//Homo sapiens chromosome 7qtel0 BAC F6, complete sequence.//3.3e-36:301:78//AF104455
R-THYRO1000107//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 125I3, WORKING
DRAFT SEQUENCE.//1.4e-35:282:82//AL033528
45 R-THYRO1000111//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//4.0e-
32:351:65//AC002300
R-THYRO1000121//Human chromosome 16 BAC clone CIT987SK-A-962B4, complete sequence.//6.6e-77:507:
85//U91318
R-THYRO1000124//High throughput sequencing of human chromosome 12, WORKING DRAFT SEQUENCE, 1
50 ordered pieces.//0.66:334:59//AC005840
R-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds.//2.3e-88:449:96//AF087142
R-THYRO1000132//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 212A2, WORKING
DRAFT SEQUENCE.//1.1e-40:298:84//Z95114
R-THYRO1000156//Homo sapiens chromosome 17, clone hRPK.849_N_15, complete sequence.//3.4e-37:425:
55 73//AC005703
R-THYRO1000163//RPCI11-1B20.TVB RPCI-11 Homo sapiens genomic clone RPCI-11-1B20, genomic survey
sequence.//8.4e-38:276:84//B63536
R-THYRO1000173//Human DNA sequence from PAC 323B6 on chromosome X contains ESTs CpG island.//1.1e-

70:553:81//Z83841
 R-THYRO1000186//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 410I8, WORKING DRAFT SEQUENCE.//6.7e-41:345:81//AL031732
 R-THYRO1000187//Human thymopoietin (TMPO) gene, partial exon 6, complete exon 7, partial exon 8, and partial
 5 cds for thymopoietin beta.//1.3e-43:356:80//U18271
 R-THYRO1000190//Homo sapiens chromosome 17, clone HRPC843B9, complete sequence.//2.6e-40:386:77//AC004139
 R-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease.//1.1e-108:535:97//AJ005698
 R-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds.//1.4e-113:559:97//AB014552
 10 R-THYRO1000206//Rat PMSG-induced ovarian mRNA, 3' sequence, N4.//4.0e-43:318:86//D84482
 R-THYRO1000221//Human DNA from overlapping chromosome 19 cosmids R31396, F25451, and R31076 containing COX6B and UPKA, genomic sequence, complete sequence.//2.7e-44:452:76//AC002115
 R-THYRO1000241//Homo sapiens Cosmid Clone p129d11 unknown chromosomal location, complete sequence.//4.8e-58:447:81//AC000039
 15 R-THYRO 1000242
 R-THYRO1000253//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2 and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//3.4e-56:300:84//Z95152
 20 R-THYRO1000270
 R-THYRO1000279//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 531H16, WORKING DRAFT SEQUENCE.//4.8e-113:584:96//AL031664
 R-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds.//1.1e-98:566:91//AB016068
 R-THYRO1000320//HS_2033_B1_A07_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2033 Col=13 Row=B, genomic survey sequence.//0.97:211:63//AQ233366
 25 R-THYRO1000327//Sequence 1 from patent US 5541298.//2.8e-52:289:93//I24058
 R-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds.//1.1e-111:559:96//AB018333
 R-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds.//4.6e-47:317:87//U29091
 R-THYRO1000368//HS_3049_A1_E12_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3049 Col=23 Row=I, genomic survey sequence.//7.0e-111:83//AQ126777
 30 R-nnnnnnnnnnnnn
 R-THYRO1000387//Homo sapiens PAC clone DJ1048B16 from 7q34-q36, complete sequence.//2.4e-101:545:93//AC006019
 R-THYRO1000394//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene, WORKING DRAFT SEQUENCE, 11 unordered pieces.//1.6e-46:233:88//AC006078
 35 R-THYRO1000395//Mouse MIPP mRNA for a placenta-expressed gene.//2.3e-57:395:85//X58523
 R-THYRO 1000401
 3.3e-111:546:97//AF051907
 R-THYRO1000438//Homo sapiens clone DJ1186P10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//2.7e-44:289:89//AC005231
 40 R-THYRO1000452//Homo sapiens chromosome 17, clone hRPK.243_K_12, complete sequence.//6.7e-27:222:82//AC005668
 R-THYRO1000471//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 102D24, WORKING DRAFT SEQUENCE.//2.4e-36:369:76//AL021391
 45 R-THYRO1000484//Homo sapiens clone DJ1099N07, complete sequence.//1.6e-43:288:81//AC004962
 R-THYRO1000488//Homo sapiens chromosome 5p, BAC clone 50g21 (LBNL H154), complete sequence.//1.6e-95:512:94//AC005740
 R-THYRO1000501//HS_2208_A1_G11_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2208 Col=21 Row=M, genomic survey sequence.//0.0063:189:63//AQ091586
 50 R-THYRO1000502//Homo sapiens eIF-1A, Y isoform (EIF1AY) mRNA, complete cds.//0.19:468:60//AF000987
 R-THYRO1000505//Homo sapiens chromosome 19, cosmid R31546, complete sequence.//0.20:214:58//AC004798
 R-THYRO1000558
 R-THYRO 1000569
 55 R-THYRO1000570//Homo sapiens full-length insert cDNA clone ZD76G10.//4.3e-41:209:100//AF086408
 R-nmmmmnnnnnn//Homo sapiens protein associated with Myc mRNA, complete cds.//8.2e-107:533:97//AF075587
 R-THYRO 000596//Mus musculus mitochondrial DNA polymerase accessory subunit (MtPolB) mRNA, nuclear gene encoding mitochondrial protein, partial cds.//0.36:170:67//AF006072

R-THYRO1000602//Homo sapiens DNA for amyloid precursor protein, complete cds.//2.2e-53:289:92//D87675
 R-THYRO 1000605
 R-THYRO1000625//Homo sapiens chromosome 19, cosmid R29425, complete sequence.//1.3e-31:261:82//
 AC005546
 5 R-THYRO1000637//Human DNA sequence from clone 243E7 on chromosome 22q12.1. Contains ESTs, STSs
 and GSSs, complete sequence.//4.0e-06:249:63//AL022323
 R-THYRO1000641//P.falciparum glutamic acid-rich protein gnen, complete cds.//3.1e-08:244:68//J03998
 R-THYRO1000658//***ALU WARNING: Human Alu-Sp subfamily consensus sequence.//3.9e-49:282:93//U14572
 R-nnnnnnnnnnnnn
 10 R-THYRO1000666//Homo sapiens DNA sequence from PAC 329E20 on chromosome 1p34.4-36.13. Contains
 endothelin-converting-enzyme 1 (ECE-1), EST, STS, CA repeat, complete sequence.//1.9e-20:215:77//AL031005
 R-THYRO1000676//Homo sapiens chromosome 4 clone B71M12 map 4q25, complete sequence.//1.2e-06:227:
 64//AC004069
 R-THYRO1000684
 15 R-THYRO1000699
 R-THYRO1000712
 R-THYRO1000734//Human BAC clone RG191D16, complete sequence.//3.7e-14:468:64//AC002460
 R-THYRO1000748//Homo sapiens cosmid 123E15, complete sequence.//2.6e-11:182:73//AF024533
 R-THYRO1000756//Sequence 21 from patent US 5552281.//1.4e-15:106:98//I25660
 20 R-THYRO1000777//Plasmodium falciparum MAL3P2, complete sequence.//1.0:175:66//AL034558
 R-THYRO1000783//CIT-HSP-2335P6.TF CIT-HSP Homo sapiens genomic clone 2335P6, genomic survey se-
 quence.//1.2e-81:391:99//AQ038226
 R-THYRO1000787//Homo sapiens chromosome Y, clone 264,M,20, complete sequence.//9.4e-07:494:58//
 AC004617
 25 R-THYRO1000793
 R-THYRO1000796//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 167P19, WORKING
 DRAFT SEQUENCE.//1.7e-42:379:79//Z93014
 R-THYRO1000805//Human Chromosome 11 pac pDJ610i20, WORKING DRAFT SEQUENCE, 18 unordered piec-
 es.//4.7e-40:362:76//AC002555
 30 R-THYRO1000815//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 316D5, WORKING
 DRAFT SEQUENCE.//4.0e-58:295:92//Z82199
 R-THYRO1000829//Sequence 7 from patent US 5716622.//0.97:362:61//I87788
 R-THYRO1000843//Homo sapiens Chromosome 15q11-q13 PAC clone pDJ351h23 from the Prader-Willi/Angel-
 man Syndrome region, complete sequence.//3.3e-57:522:76//AC004738
 35 R-THYRO1000852//Homo sapiens chromosome 11 clone CIT-HSP-1337H24, WORKING DRAFT SEQUENCE,
 9 unordered pieces.//4.2e-17:291:69//AC005849
 R-THYRO1000855//Human DNA sequence from clone 366B10 on chromosome 22q12.2-12.3. Contains GSSs,
 complete sequence.//1.1e-41:419:75//AL031592
 R-THYRO1000865//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1125A11, WORK-
 40 ING DRAFT SEQUENCE.//9.0e-47:294:84//AL034549
 R-THYRO1000895//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 380F5, WORKING
 DRAFT SEQUENCE.//3.7e-111:569:96//AL031719
 R-THYRO1000916//Homo sapiens clone DJ0965K10, WORKING DRAFT SEQUENCE, 6 unordered pieces.//
 1.0e-97:554:92//AC006015
 45 R-THYRO1000926//Homo sapiens CAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds.//9.6e-109:
 566:94//AF079529
 R-THYRO1000934//Homo sapiens full-length insert cDNA clone ZD69A10.//1.6e-104:539:95//AF086378
 R-THYRO1000951//Homo sapiens Chromosome 11q12 pac pDJ57114, WORKING DRAFT SEQUENCE, 29 un-
 ordered pieces.//8.9e-61:479:81//AC004229
 50 R-THYRO1000952//Human autoimmune thyroid disease-related antigen mRNA.//5.3e-16:116:93//M28639
 R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, complete cds.//3.2e-59:321:95//
 AF047440
 R-THYRO1000975//Homo sapiens chromosome 19, cosmid F18718, complete sequence.//1.9e-44:396:79//
 AC006126
 55 R-THYRO1000983//Homo sapiens chromosome 17, clone hRPK.271_K_11, complete sequence.//0.99:71:78//
 AC005562
 R-THYRO1000984//Homo sapiens Chromosome 11q12.2 PAC clone pDJ688p12 containing uteroglobin gene,
 WORKING DRAFT SEQUENCE, 11 unordered pieces.//6.7e-42:320:84//AC006078

R-THYRO1000988//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence.//6.7e-39:292:78//Z84466

R-THYRO1001003//HS_3051_B1_H01_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3051 Col=1 Row=P, genomic survey sequence.//2.5e-39:310:83//AQ253727

5 R-THYRO1001031//Homo sapiens DNA sequence from PAC 230G1 on chromosome Xp11.3. Contains EST, STS and GSS, complete sequence.//2.5e-50:300:88//Z84466

R-THYRO1001033//CIT-HSP-2007J14.TF CIT-HSP Homo sapiens genomic clone 2007J14, genomic survey sequence.//5.1e-26:143:100//B56677

10 R-THYRO1001062//CIT-HSP-2386P3.TF.1 CIT-HSP Homo sapiens genomic clone 2386P3, genomic survey sequence.//1.4e-48:316:87//AQ239882

R-THYRO1001093

R-THYRO1001100//Homo sapiens BAC clone RG152G17 from 7q22-q31.1, complete sequence.//0.47:102:73//AC005070

R-THYRO1001120

15 R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D.//8.9e-81:429:94//AJ006417

R-THYRO1001133//CIT-HSP-2381I10.TR CIT-HSP Homo sapiens genomic clone 2381I10, genomic survey sequence.//4.7e-12:237:67//AQ111077

R-THYRO1001134

20 R-THYRO1001142//H.sapiens CpG island DNA genomic Mse1 fragment, clone 81d1, reverse read cpg81d1.rt1a.//0.95:214:60//Z56037

R-THYRO1001173//cSRL-27c11-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-27c11, genomic survey sequence.//4.6e-26:262:77//B04145

R-THYRO1001177

25 R-THYRO1001189//Homo sapiens DNA from chromosome 19, BAC 33152, complete sequence.//1.0e-41:281:87//AC003973

R-THYRO 1001204

R-THYRO1001213//Human Alu repeat sequence A6.//3.8e-38:236:88//U12581

R-THYRO1001262//Homo sapiens, clone hRPK.16_A_1, complete sequence.//8.7e-53:442:79//AC006227

30 R-THYRO1001271//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0224P12; HTGS phase 1, WORKING DRAFT SEQUENCE, 13 unordered pieces.//0.53:330:61//AC004630

R-THYRO 1001290

R-THYRO1001313//H.sapiens CpG island DNA genomic Mse1 fragment, clone 195h3, forward read cpg195h3.ft1b.//0.046:126:66//Z57783

35 R-THYRO1001320//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 424J12, WORKING DRAFT SEQUENCE.//3.0e-58:476:80//Z82207

R-THYRO100132//Plasmodium falciparum MAL3P2, complete sequence.//1.0e-08:408:62//AL034558

R-nnnnnnnnnnnnn

R-THYRO1001347//Homo sapiens mRNA for KIAA0745 protein, partial cds.//3.2e-08:266:64//AB018288

40 R-THYRO1001363//cSRL-72f5-u cSRL flow sorted Chromosome 11 specific cosmid Homo sapiens genomic clone cSRL-72f5, genomic survey sequence.//1.7e-85:471:92//B05884

R-THYRO1001365//Homo sapiens chromosome 10 clone CIT987SK-1163G10 map 10q25, complete sequence.//1.8e-109:584:94//AC005660

R-THYRO1001374

45 R-THYRO1001401//Human pigment epithelium-derived factor gene, complete cds.//4.2e-51:333:88//U29953

R-THYRO1001403//Human PAC clone DJ222H05 from Xq25-q26, complete sequence.//8.7e-38:307:82//AC002377

R-THYRO1001405

R-THYRO1001406//RPC11-69F22.TK RPC11 Homo sapiens genomic clone R-69F22, genomic survey sequence.//1.9e-67:400:90//AQ238297

50 R-THYRO1001411//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 80N2, WORKING DRAFT SEQUENCE.//2.2e-06:349:63//AL031123

R-THYRO1001426//*** SEQUENCING IN PROGRESS *** Homo sapiens genomic DNA (PAC 1118i22) from chromosome 11; HTGS phase 1, WORKING DRAFT SEQUENCE.//2.2e-89:506:86//AJ002553

55 R-THYRO1001434//Microcentus caryae 12S mitochondrial ribosomal RNA, small subunit, mitochondrial gene, partial sequence.//1.0:176:61//U77877

R-THYRO1001458//Human DNA sequence from clone 453C12 on chromosome 20q12-13.12 Contains SDC4 (syndecan 4 (amphiglycan, ryudocan)) predicts a gene like the mouse transcription factor RBP-L, MATN4 (matrilin-4) STS, GSS, CpG island, complete sequence.//3.3e-07:196:67//AL021578

R-THYRO1001480//Homo sapiens clone DJ0756H11, WORKING DRAFT SEQUENCE, 5 unordered piece.//1.2e-99:517:95//AC006001
 R-THYRO1001487//Homo sapiens, WORKING DRAFT SEQUENCE, 97 unordered pieces.//8.5e-14:221:70//AC004085
 5 R-THYRO10001534//HS_2242_B2_H04_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2242 Col=8 Row=P, genomic survey sequence.//0.00012:141:68//AQ182326
 R-THYRO1001537//Human DNA sequence from clone 111F4 on chromosome Xq23 Contains GSSs, complete sequence.//0.42:323:60//AL023876
 R-THYRO1001541//Homo sapiens clone RG228D17, WORKING DRAFT SEQUENCE, 2 unordered pieces.//1.7e-42:370:78//AC005077
 10 R-THYRO1001559//Homo sapiens 12q24.2 PAC RPCI5-944M2 (Roswell Park Cancer Institute Human PAC Library) complete sequence.//1.0:144:67//AC005868
 R-THYRO1001570//Plasmodium falciparum 3D7 chromosome 12 PFYAC492 genomic sequence, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.43:268:61//AC005308
 15 R-THYRO1001573//M.avium rpsL gene.//0.98:131:66//X80120
 R-THYRO1001584//A.longa plastid genes for ribosomal proteins and tRNAs.//0.29:502:58//X75653
 R-THYRO1001595//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone Y313F4, WORKING DRAFT SEQUENCE.//1.5e-33:319:78//AL023808
 R-THYRO1001602//Homo sapiens chromosome 17, clone hRPK.142_H_19, complete sequence.//4.4e-13:320:67//AC005919
 20 R-THYRO1001605//Human DNA sequence from PAC 358H7 on chromosome X.//1.9e-32:391:76//Z77249
 R-THYRO1001617//Homo sapiens cDNA for dihydroxyacetone phosphate acyltransferase (DAP-AT).//1.9e-81:448:92//AJ002190
 R-THYRO1001637//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 688G8, WORKING DRAFT SEQUENCE.//5.4e-41:381:78//AL031671
 25 R-THYRO1001656//HS_2201_B2_A08_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2201 Col=16 Row=B, genomic survey sequence.//0.096:162:63//AQ293168
 R-THYRO1001661//Human immunoglobulin-associated (B29) gene, promoter and exon 1, partial cds.//1.0:229:62//U22954
 30 R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform.//4.8e-110:562:95//AJ225089
 R-THYRO1001673//CIT-HSP-2327D12.TR CIT-HSP Homo sapiens genomic clone 2327D12, genomic survey sequence.//1.5e-17:224:68//AQ042426
 R-THYRO1001703//Homo sapiens clone 198 unknown mRNA, partial sequence.//1.6e-44:251:93//AF091072
 35 R-THYRO1001706//Homo sapiens clone DJ0935K16, complete sequence.//1.8e-26:378:68//AC006011
 R-THYRO1001721//, complete sequence.//1.3e-101:571:92//AC005500
 R-aaaaaaaaaaaaa
 R-THYRO1001745//Homo sapiens chromosome 5, PAC clone 247f3 (LBNL H85), complete sequence.//1.1e-15:193:70//AC004777
 40 R-THYRO1001746//Human inter-alpha-trypsin inhibitor light chain (ITI) gene, exon 3.//0.54:260:61//M88244
 R-THYRO1001772//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 30A23, WORKING DRAFT SEQUENCE.//1.6e-12:285:64//AL022156
 R-THYRO1001793
 R-THYRO1001809//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 1071N3, WORKING DRAFT SEQUENCE.//2.5e-43:486:74//AL031728
 45 R-THYRO1001854//Homo sapiens chromosome 17, clone hRPK.74_E_22, complete sequence.//5.0e-41:245:87//AC005696
 R-THYRO1001895//Human Chromosome 11p14.3 PAC clone 6-106f23, complete sequence.//4.4e-12:419:61//AC005137
 50 R-THYRO1001907//Homo sapiens Chromosome 22q11.2 Cosmid Clone 24b In DGCR Region, complete sequence.//8.1e-35:340:78//AC000075
 R-VESEN1000122//Homo sapiens Luman mRNA, complete cds.//1.3e-23:138:98//AF009368
 R-Y79AA1000013
 R-Y79AA1000033//Homo sapiens BAC clone GS114I09 from 7p14-p15, complete sequence.//9.9e-112:551:97//AC006027
 55 R-Y79AA1000037//CIT-HSP-2334F3.TR CIT-HSP Homo sapiens genomic clone 2334F3, genomic survey sequence.//0.16:308:60//AQ036673
 R-Y79AA1000059//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-279B10, complete sequence.//6.1e-

56:314:88//AC002300
 R-Y79AA1000065//Human carboxylesterase gene, exon 5.//0.64:203:63//D21079
 R-Y79AA1000131//*** SEQUENCING IN PROGRESS *** Homo sapiens chromosome 4, BAC clone C0548N01;
 HTGS phase 1, WORKING DRAFT SEQUENCE, 31 unordered pieces.//7.0e-18:169:79//AC004795
 5 R-Y79AA1000181//Human DNA sequence from clone 612B18 on chromosome 1q24-25.3 Contains exon from
 gene similar to 40S ribosomal protein, first coding exon of dynamin 2 (DYNII). ESTs, STS, GSS, CpG Island,
 complete sequence.//1.1e-106:474:98//AL031864
 R-Y79AA1000202//CIT978SK-A-518G2.TP CIT978SK Homo sapiens genomic clone A-518G2, genomic survey
 sequence.//1.0e-10:78:97//B68074
 10 R-Y79AA1000214//Homo sapiens clone DJ0673M15, WORKING DRAFT SEQUENCE, 33 unordered pieces.//
 6.5e-59:386:90//AC004854
 R-Y79AA1000230//Cytauxzoon felis 18S ribosomal RNA.//1.0:167:62//L19080
 R-Y79AA1000231//HS_3009_A1_H03_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3009 Col=5 Row=O, genomic survey sequence.//6.4e-52:348:88//AQ090225
 15 R-Y79AA1000258//Hepatitis C virus HCV-B9 gene for NS5, partial cds.//0.65:127:65//D10558
 R-Y79AA1000268//Human DNA sequence from PAC 162H14 on chromosome 22. Contains 3' part of a FIBULIN
 1 like gene and ESTs, complete sequence.//4.7e-40:300:84//Z98047
 R-Y79AA10003131//Human DNA sequence from PAC 179I15, BRCA2 gene region chromosome 13q12-q13 con-
 tains Klotho ESTs and CpG island.//5.0e-14:136:83//Z92540
 20 R-Y79AA1000328
 R-Y79AA1000342//S.clavuligerus linear plasmid pSCL (complete sequence).//0.55:189:65//X54107
 R-Y79AA1000346//Human MEST mRNA, complete cds.//0.00013:52:100//D78611
 R-Y79AA1000349//M.musculus Spnr mRNA for RNA binding protein.//8.8e-36:300:81//X84692
 R-Y79AA1000355//Human DNA sequence from clone 551E13 on chromosome Xp11.2-11.3 Contains farnesyl
 25 pyrophosphate synthetase pseudogene, VT4 protein pseudogene, EST, GSS, complete sequence.//5.7e-45:403:
 80//AL022163
 R-Y79AA1000368
 R-Y79AA1000405//RPCI11-16B12.TPB RPCI-11 Homo sapiens genomic clone RPCI-11-16B12, genomic survey
 sequence.//0.10:171:65//B88000
 30 R-Y79AA1000410//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 92N15, WORKING
 DRAFT SEQUENCE.//4.1e-50:361:83//Z93097
 R-Y79AA1000420//Plasmodium falciparum merozoite surface protein 4, merozoite surface protein 5, merozoite
 surface protein 2, and adenylosuccinate lyase genes, complete cds.//0.071:474:57//AF033037
 R-Y79AA1000469//Homo sapiens clone NH0140K04, complete sequence.//1.8e-86:221:90//AC005033
 35 R-Y79AA1000480//Homo sapiens chromosome 4 clone B240N9 map 4q25, complete sequence.//2.1e-14:179:
 72//AC004057
 R-Y79AA1000538//Homo sapiens clone DJ0826E18, WORKING DRAFT SEQUENCE, 4 unordered pieces.//4.5e-
 43:321:83//AC005282
 R-Y79AA1000539//Homo sapiens PAC clone DJ0074M20 from X, complete sequence.//0.0012:275:59//
 40 AC006143
 R-Y79AA1000540//Z.diploperemnis repetitive DNA (clone ZEAR 260).//0.0017:258:62//X53609
 R-Y79AA1000560//Mouse mRNA for alpha-adaptin (C).//6.1e-32:390:70//X14972
 R-Y79AA1000574//Homo sapiens chromosome 9q34, clone 23B4, complete sequence.//0.96:224:61//AC002325
 R-Y79AA1000627//Homo sapiens full-length insert cDNA ZA77G02.//6.3e-100:533:94//AF075117
 45 R-Y79AA1000705//RPCI11-76G7.TV RPCI11 Homo sapiens genomic clone R-76G7, genomic survey sequence.//
 4.6e-88:429:98//AQ268433
 R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds.//2.7e-112:586:
 95//AF093670
 R-Y79AA1000748
 50 R-Y79AA1000752
 R-Y79AA1000774//CIT-HSP-2288K24.TF CIT-HSP Homo sapiens genomic clone 2288K24, genomic survey se-
 quence.//5.3e-45:316:86//AQ005014
 R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds.//5.0e-17:107:100//D87433
 R-Y79AA1000784//Plasmodium falciparum 3D7 chromosome 12 PFYAC181 genomic sequence, WORKING
 55 DRAFT SEQUENCE, 8 unordered pieces.//0.00034:520:55//AC005505
 R-Y79AA1000794//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 989H11, WORKING
 DRAFT SEQUENCE.//0.015:322:60//Z83851
 R-Y79AA1000800//M.musculus tex264 mRNA (3'region).//1.1e-06:104:78//X80427

R-nnnnnnnnnnnn//CIT-HSP-2295G6.TF CIT-HSP Homo sapiens genomic clone 2295G6, genomic survey se-
 quence.//0.67:152:62//AQ007605
 R-Y79AA1000805//Human Chromosome 11 Cosmid cSRL30h11, complete sequence.//3.1e-26:423:68//U73642
 R-Y79AA1000824//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 329A5, WORKING
 5 DRAFT SEQUENCE.//1.1e-08:449:61//Z97832
 R-Y79AA1000827//Triticum aestivum heat shock protein 101 kDa (HSP101) mRNA, complete cds.//1.0:101:69//
 AF083344
 R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete cds.//0.40:386:59//U85647
 R-Y79AA1000962//CIT-HSP-2298N11.TR CIT-HSP Homo sapiens genomic clone 2298N11, genomic survey se-
 10 quence.//0.00019:253:65//AQ013111
 R-Y79AA1000968//Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete
 cds.//1.7e-58:446:80//U38253
 R-Y79AA1000969
 R-Y79AA1000976//CIT-HSP-2350C4.TF CIT-HSP Homo sapiens genomic clone 2350C4, genomic survey se-
 15 quence.//3.3e-60:295:100//AQ061422
 R-Y79AA1000985//Mus musculus pericentrin mRNA, complete cds.//5.9e-38:348:76//U05823
 R-Y79AA1001023
 R-Y79AA1001041
 R-Y79AA1001048
 20 R-Y79AA1001061//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-427H10, complete sequence.//1.2e-
 60:537:78//AC004626
 R-Y79AA1001068//Homo sapiens P1 clone GSP13996 from 5q12, complete sequence.//2.3e-41:405:77//
 AC005031
 R-Y79AA1001077
 25 R-Y79AA1001078//Homo sapiens 12q13.1 PAC RPC11-228P16 (Roswell Park Cancer Institute Human PAC Li-
 brary) complete sequence.//2.0e-09:534:59//AC004801
 R-Y79AA1001105//Staphylococcus epidermidis trimethoprim resistance plasmid pSK639//0.0072:309:63//U40259
 R-Y79AA1001145//RPC111-59N12.TK RPC111 Homo sapiens genomic clone R-59N12, genomic survey se-
 30 quence.//3.7e-07:256:64//AQ200068
 R-Y79AA1001167//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 5/15,
 WORKING DRAFT SEQUENCE.//0.55:223:61//AP000012
 R-Y79AA1001177//Human gene for Gi3 alpha protein, intron 7 through exon 9, variant U6 gene, and snRNP E
 protein pseudogene LH87.//7.0e-09:203:69//X54048
 R-Y79AA1001185
 35 R-Y79AA1001211//Homo sapiens 12p13.3 BAC RPC111-543P15 (Roswell Park Cancer Institute Human BAC Li-
 brary) complete sequence.//2.1e-32:277:81//AC005912
 R-Y79AA1001216//Human chromosome 12p13 sequence, complete sequence.//0.98:325:59//U47924
 R-Y79AA1001228//Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone: MAB16, complete sequence.//
 0.0034:378:59//AB018112
 40 R-Y79AA1001233//Homo sapiens clone DJ1178G13, WORKING DRAFT SEQUENCE, 5 unordered pieces.//0.19:
 106:72//AC004988
 R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and
 IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin)).//3.4e-109:549:95//AJ005892
 R-Y79AA1001281
 45 R-Y79AA1001299//Homo sapiens SNF5/INI1 gene, exon 9.//6.3e-24:133:100//Y17126
 R-Y79AA1001312//Human immunodeficiency virus type 1 variant 43 polymerase pseudogene, partial cds.//
 0.0070:284:58//U45372
 R-Y79AA1001323//Fugu rubripes GSS sequence, clone 027L23aG3, genomic survey sequence.//0.11:125:70//
 AL025355
 50 R-Y79AA1001384//W.makrii mitochondrial CYTB and tRNA genes.//0.070:209:65//X66594
 R-Y79AA1001391//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL1P2, WORKING
 DRAFT SEQUENCE.//0.80:163:62//AL031745
 R-Y79AA1001394//Homo sapiens DNA from chromosome 19, cosmid R29144, complete sequence.//0.99:241:
 63//AC004221
 55 R-Y79AA1001402//Homo sapiens Chr.14 PAC RPC14-794B2 (Roswell Park Cancer Institute Human PAC Library)
 complete sequence.//0.25:81:80//AC005924
 R-Y79AA1001493
 R-Y79AA1001511//Human DNA sequence from clone 931K24 on chromosome 20p12 Contains ESTs and GSSs,

complete sequence.//1.3e-35:207:95//AL034430
R-Y79AA1001533//Mouse mRNA for RNA polymerase I associated factor (PAF53), complete cds.//2.7e-44:285:81//D14336
R-nnnnnnnnnnn//Human DNA sequence from clone 113J7 on chromosome Xp11.22-11.4. Contains part of a
5 putative Homeobox (pseudo?) gene, ESTs and an STS, complete sequence.//0.70:365:60//AL023574
R-Y79AA1001548//Homo sapiens phosphatidylinositol 4-kinase mRNA, complete cds.//5.9e-95:517:91//L36151
R-Y79AA1001555
R-Y79AA1001585
R-Y79AA1001594//Human DNA sequence from PAC 60G11 on chromosome X; contains STS.//6.6e-19:241:76//
10 Z94722
R-Y79AA1001603//H.sapiens CpG island DNA genomic Mse1 fragment, clone 72f8, forward read cpg72f8.ft1a.//
3.3e-21:131:96//Z62766
R-Y79AA1001613
R-Y79AA1001647//Human DNA sequence from PAC 36J3, between markers DXS1192 and DXS102 on chromo-
15 some X.//6.3e-08:338:63//Z82975
R-Y79AA1001665//Homo sapiens genomic DNA, chromosome 21q22.2 (Down Syndrome region), segment 1/15,
WORKING DRAFT SEQUENCE.//3.2e-11:114:84//AP000008
R-Y79AA1001679//O.cuniculus lambda-crystallin mRNA, complete cds.//3.9e-15:270:68//M22743
R-nnnnnnnnnnn//RPCI11-42M5.TJ RPCI11 Homo sapiens genomic clone R-42M5, genomic survey sequence.//
20 0.013:64:89//AQ052792
R-Y79AA1001696//Apis mellifera ligustica complete mitochondrial genome.//9.3e-09:428:58//L06178
R-Y79AA1001705
R-Y79AA1001711//Mus musculus 60 kDa ribonucleoprotein Ro gene, partial cds.//2.2e-45:554:75//AF042139
R-Y79AA1001781//Plasmodium falciparum chromosome 2, section 39 of 73 of the complete sequence.//1.0:414:
25 57//AE001402
R-nnnnnnnnnnn//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 510D11, WORKING
DRAFT SEQUENCE.//2.8e-05:329:61//Z98044
R-Y79AA1001827//Oryctolagus cuniculus PiUS mRNA, complete cds.//2.3e-90:557:89//U74297
R-Y79AA1001846//Homo sapiens DNA sequence from PAC 179N16 on chromosome 6p21.1-21.33. Contains the
30 SAPK4 (MAPK p38delta) gene, and the alternatively spliced SAPK2 gene coding for CSaids binding protein CSBP2
and a MAPK p38beta LIKE protein. Contains ESTs, STSs and two predicted CpG islands, complete sequence.//
2.1e-34:306:78//Z95152
R-Y79AA1001848//Sequence 11 from patent US 5449616.//1.0:221:59//I14369
R-Y79AA1001866//Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K23L20, complete sequence.//
35 0.0089:527:58//AB016874
R-Y79AA1001874
R-Y79AA1001875//M.musculus mRNA for Rab7 protein.//5.8e-45:170:92//X89650
R-Y79AA1001923//Human DNA sequence from clone 353H6 on chromosome Xq25-26.2. Contains the alterna-
40 tively spliced SMARCA1 gene for SW1/SNF related, matrix associated, actin dependent regulator of chromatin,
subfamily a, member 1 (SNF2L1) and a 40S Ribosomal Protein S26 pseudogene. Contains ESTs, STSs and GSSs,
complete sequence.//1.0:138:68//AL022577
R-Y79AA1002027//Liverwort Marchantia polymorpha chloroplast genome DNA.//0.71:153:67//X04465
R-Y79AA1002083//Human DNA sequence *** SEQUENCING IN PROGRESS *** from clone 172B20, WORKING
DRAFT SEQUENCE.//1.0:178:64//AL022319
45 R-Y79AA1002089//Homo sapiens clone GS111G14, WORKING DRAFT SEQUENCE, 5 unordered pieces.//6.3e-
49:377:81//AC005011
R-Y79AA1002093//Homo sapiens (clone SEL366) 17q YAC (368C7) RNA.//4.0e-32:174:99//L77612
R-Y79AA1002103//CIT-HSP-2328I21.TR CIT-HSP Homo sapiens genomic clone 2328I21, genomic survey se-
quence.//1.9e-44:245:96//AQ044502
50 R-Y79AA1002115//CITBI-E1-2514F10.TF CITBI-E1 Homo sapiens genomic clone 2514F10, genomic survey se-
quence.//1.8e-24:249:78//AQ265752
R-Y79AA1002125//RPCI11-15J6.TV RPCI-11 Homo sapiens genomic clone RPCI-11-15J6, genomic survey se-
quence.//8.5e-21:147:91//B75354
R-Y79AA1002139
55 R-Y79AA1002204
R-nnnnnnnnnnn//Human ankyrin G (ANK-3) mRNA, complete cds.//0.040:319:59//U13616
R-Y79AA1002209//Psilotum nudum RT gene for reverse transcriptase (PT4).//0.99:106:65//X65415
R-Y79AA1002210

R-Y79AA1002211//H.sapiens NGAL gene.//1.0:311:59//X99133
 R-Y79AA1002220//Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from MAL4P1, WORKING
 DRAFT SEQUENCE.//5.9e-07:535:57//AL034557
 R-Y79AA1002229
 5 R-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds.//6.1e-117:564:98//AB014592
 R-Y79AA1002246
 R-Y79AA1002258//Homo sapiens mRNA for HIP3, complete cds.//1.3e-92:453:97//AB013384
 R-Y79AA1002298//HS_3071_B2_E08_MR CIT Approved Human Genomic Sperm Library D Homo sapiens ge-
 nomic clone Plate=3071 Col=16 Row=J, genomic survey sequence.//1.9e-56:384:87//AQ171331
 10 R-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds.//2.5e-108:403:99//AB014534
 R-Y79AA1002311//Homo sapiens chromosome 10 clone CIT987SK-117312 map 10q25, complete sequence.//
 1.1e-07:368:61//AC005887
 R-Y79AA1002351
 R-Y79AA1002361//H.sapiens CpG island DNA genomic Mse1 fragment, clone 65b9, reverse read cpg65b9.rt1a.//
 0.57:59:79//Z62206
 15 R-Y79AA1002399//Homo sapiens chromosome 17, clone hRPK.700_H_6, complete sequence.//2.0e-98:385:99//
 AC005920
 R-Y79AA1002407//Homo sapiens chromosome 17, clone hRPC.842_A_23, complete sequence.//5.4e-59:490:
 76//AC004662
 20 R-Y79AA1002416//Homo sapiens Xp22 GSHB-314C4 (Genome Systems Human BAC library) complete se-
 quence.//6.3e-08:103:80//AC004087
 R-Y79AA1002431
 R-nnnnnnnnnnnn//Mouse transcriptional control element.//0.064:84:71//M17284
 R-Y79AA1002472//Homo sapiens chromosome 19, BAC CTY-B-393i15 (BC301323), complete sequence.//1.6e-
 103:525:96//AC006116
 25 R-Y79AA1002482//Homo sapiens chromosome 18, clone hRPK.474_N_24, complete sequence.//9.7e-38:302:
 83//AC006238
 R-Y79AA1002487//P.falciparum complete gene map of plastid-like DNA (IR-B).//0.23:266:61//X95276

30 Homology Search Result Data 4.

[0307] The result of the homology search of the Human Unigene using the clone sequence of 5'-end.

[0308] Data include

35 the name of clone,
 title of the top hit data,
 the P-value: the length of the compared sequence: identity (%), and
 the Accession No. of the top hit data, as in the order separated by //.

40 [0309] Data are not shown for the clones in which the P-value was higher than 1.

F-HEMBA1000005//EST//4.3e-87:422:97//Hs.147830:AI222069
 F-HEMBA1000012//Human endosome-associated protein (EEA1) mRNA, complete cds//0.82:170:64//Hs.2864:
 L40157
 45 F-HEMBA1000020//Homo sapiens beta 2 gene//4.0e-74:529:83//Hs.150244:U83668
 F-HEMBA1000030//ESTs//1.1e-91:494:93//Hs.7958:W22078
 F-HEMBA1000042//ESTs//3.5e-22:228:77//Hs.145406:AI253247
 F-HEMBA1000046//ESTs, Highly similar to PRE-MRNA SPLICING FACTOR RNA HELICASE PRP22 [Saccharo-
 myces cerevisiae]//0.00019:192:65//Hs.7900:W22411
 50 F-HEMBA1000050//EST//0.81:74:72//Hs.156298:AI336759
 F-HEMBA1000076//ESTs//0.11:252:62//Hs.131939:AI417910
 F-HEMBA1000111//ESTs//8.5e-89:449:96//Hs.41105:N66734
 F-HEMBA1000129//Human phosphatidylinositol 3-kinase catalytic subunit p110delta mRNA, complete cds//0.27:
 342:61//Hs.14207:U86453
 55 F-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds//6.8e-169:791:98//Hs.27197:
 AB018340
 F-HEMBA1000150//Homo sapiens mRNA for KIAA0788 protein, partial cds//1.4e-37:243:88//Hs.2397:Z70200
 F-HEMBA1000156//ESTs, Weakly similar to The KIAA0138 gene product is novel. [H.sapiens]//5.3e-80:383:98//

Hs.135552:AI215187
 F-HEMBA1000158//Homo sapiens OPA-containing protein mRNA, complete cds//2.1e-07:265:63//Hs.85313:AF071309
 F-HEMBA1000168//ESTs//6.1e-35:257:85//Hs.13533:H23079
 5 F-HEMBA1000180//ESTs, Moderately similar to RETROVIRUS-RELATED POL POLYPROTEIN [H.sapiens]//1.3e-18:111:96//Hs.163863:W28729
 F-HEMBA1000185//H.sapiens ERF-2 mRNA//1.0:125:68//Hs.78909:U07802
 F-HEMBA1000193//EST//1.5e-48:266:95//Hs.160642:AI240133
 F-HEMBA1000201//Human Ini1 mRNA, complete cds//6.5e-75:440:92//Hs.155626:U04847
 10 F-HEMBA1000213//ESTs//0.21:239:62//Hs.26838:AA527529
 F-HEMBA1000216//Homo sapiens clone 23698 mRNA sequence//1.1e-57:529:68//Hs.8136:U81984
 F-HEMBA1000227//Human RNA-binding protein CUG-BP/hNab50 (NAB50) mRNA, complete cds//1.3e-05:311:64//Hs.81248:U63289
 F-HEMBA1000231
 15 F-HEMBA1000243//EST//5.9e-52:359:85//Hs.141433:N23377
 F-HEMBA1000244//H.sapiens mRNA for cytokine inducible nuclear protein//0.0022:350:60//Hs.74019:X83703
 F-HEMBA1000251//ESTs//3.2e-84:443:95//Hs.21068:N47460
 F-HEMBA1000264//ESTs//0.76:227:61//Hs.5159:AA588562
 F-HEMBA1000280//EST//1.7e-12:149:75//Hs.103418:AA035568
 20 F-HEMBA1000282//ESTs//1.7e-16:164:79//Hs.123111:AA813186
 F-HEMBA1000288//ESTs//5.4e-06:154:68//Hs.54174:N64406
 F-HEMBA1000290//Human novel homeobox mRNA for a DNA binding protein//3.8e-07:412:61//Hs.37035:U07664
 F-HEMBA1000302//EST//1.2e-41:238:94//Hs.147245:AI206095
 F-HEMBA1000303
 25 F-HEMBA1000304//ESTs//3.5e-11:96:87//Hs.163057:AA728946
 F-HEMBA1000307//EST//7.7e-05:280:62//Hs.146462:AI124898
 F-HEMBA1000327//ESTs//5.3e-92:435:99//Hs.100605:AA305965
 F-HEMBA1000333//Human mRNA for KIAA0206 gene, partial cds//0.84:395:56//Hs.79299:D86961
 F-HEMBA1000338//ESTs, Moderately similar to novel stromal cell protein [M.musculus]//2.4e-38:317:80//Hs.99189:X84712
 30 F-HEMBA1000351//Human Line-1 repeat mRNA with 2 open reading frames//0.020:334:59//Hs.23094:M19503
 F-HEMBA1000355//Myosin, heavy polypeptide 11, smooth muscle//0.11:336:61//Hs.78344:AF001548
 F-HEMBA1000356//H.sapiens ERF-2 mRNA//0.031:317:59//Hs.78909:U07802
 F-HEMBA1000357//Human mRNA for KIAA0118 gene, partial cds//1.2e-50:441:78//Hs.154326:D42087
 35 F-HEMBA1000366//ESTs//0.025:56:87//Hs.141629:H74010
 F-HEMBA1000369//Homo sapiens PAC clone DJ0669B10 from 7q33-q35//0.99:433:58//Hs.159899:AC004853
 F-HEMBA1000376//Oxytocin receptor//3.4e-43:569:70//Hs.2820:X64878
 F-HEMBA1000387//ESTs//8.2e-104:535:94//Hs.78110:AA741320
 F-HEMBA1000390//Homo sapiens BAC clone RG119C02 from 7p15//2.3e-141:712:95//Hs.22900:AC004520
 40 F-HEMBA1000392//Homo sapiens clone 24619 mRNA sequence//1.7e-47:461:74//Hs.139088:AF070533
 F-HEMBA1000396//ESTs, Weakly similar to hypothetical protein [H.sapiens]//1.2e-26:351:70//Hs.138992:C14008
 F-HEMBA1000411//EST//2.8e-27:401:71//Hs.138719:N52915
 F-HEMBA1000418//ESTs//0.0094:375:61//Hs.40140:AI079253
 F-HEMBA1000422//EST//6.2e-23:225:78//Hs.132635:A1032875
 45 F-HEMBA1000428//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//7.6e-31:616:66//Hs.159897:AB007970
 F-HEMBA1000434//EST//0.0031:157:64//Hs.162328:AA559034
 F-HEMBA1000442//EST//1.0:201:61//Hs.162434:AA577398
 F-HEMBA1000456//Fanconi anemia complementation group C//0.58:362:59//Hs.37953:X66893
 50 F-HEMBA1000459//EST//9.2e-21:157:86//Hs.132635:AI032875
 F-HEMBA1000460//ESTs//2.9e-77:409:95//Hs.27135:W49590
 F-HEMBA1000464//ESTs//6.6e-17:365:65//Hs.150675:AA127853
 F-HEMBA1000469
 F-HEMBA1000488//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//0.15:253:58//Hs.104640:AF000561
 55 F-HEMBA1000490//Homo sapiens kinectin mRNA, complete cds//0.71:539:56//Hs.82709:Z22551
 F-HEMBA1000491//ESTs//2.0e-21:361:65//Hs.152453:AA864970
 F-HEMBA1000501//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.5e-39:312:77//Hs.5247:AF029750

F-HEMBA1000504//Homo sapiens mRNA for osteoblast specific factor 2 (OSF-2os)//1.3e-08:57:100//Hs.155095:
 D13666
 F-HEMBA1000505//Homo sapiens KE04p mRNA, complete cds//1.0:197:62//Hs.131962:AF064093
 F-HEMBA1000508//EST//0.67:156:60//Hs.162898:AA659646
 5 F-HEMBA1000518
 F-HEMBA1000519//EST//6.8e-52:300:91//Hs.149580:AI281881
 F-HEMBA1000520//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//2.9e-16:132:
 84//Hs.155871:AA533783
 F-HEMBA1000523//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [Mus musculus]//2.1e-25:192:
 10 87//Hs.22383:R51067
 F-HEMBA1000531//ESTs, Weakly similar to heat shock protein [H.sapiens]//2.4e-57:288:97//Hs.116022:
 AA455706
 F-HEMBA1000534//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.8e-47:153:88//Hs.113283:AF018080
 F-HEMBA1000540//ESTs//8.6e-07:60:100//Hs.109755:AA180809
 15 F-HEMBA1000542//Human lysyl oxidase-like protein mRNA, complete cds//0.088:581:57//Hs.65436:U24389
 F-HEMBA1000545//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//7.8e-106:731:83//Hs.139107:
 K00629
 F-HEMBA1000555//Human mRNA for KIAA0242 gene, partial cds//0.75:283:58//Hs.77495:D87684
 F-HEMBA1000557//ESTs//3.9e-27:389:71//Hs.125087:AA495729
 20 F-HEMBA1000561//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.8e-64:665:72//Hs.137168:
 AB018303
 F-HEMBA1000563//ESTs//3.8e-51:257:98//Hs.47122:AI338977
 F-HEMBA1000568//EST//0.12:270:61//Hs.134833 :AI091046
 F-HEMBA1000569//H.sapiens mRNA encoding GPI-anchored protein p137//3.8e-19:409:62//Hs.119283:Z48042
 25 F-HEMBA1000575//EST//0.060:156:64//Hs.126277:AA826681
 F-HEMBA1000588//ESTs, Weakly similar to weakly similar to myosin heavy chain [C.elegans]//7.7e-41:217:96//
 Hs.55084:AA479162
 F-HEMBA1000591//Homo sapiens mRNA for E1B-55kDa-associated protein//2.3e-44:228:97//Hs.155218:
 AJ007509
 30 F-HEMBA1000592//ESTs, Weakly similar to sorting nexin 1 [H.sapiens]//1.7e-27:463:65//Hs.13794:AA203241
 F-HEMBA1000594//Human clone 230971 defective mariner transposon Hsma2 mRNA sequence//4.0e-68:574:
 79//Hs.159176:U92019
 F-HEMBA1000604//ESTs//3.3e-21:158:74//Hs.142924:AI092535
 F-HEMBA1000608//Homo sapiens mRNA for KIAA0456 protein, partial cds//3.7e-120:561:99//Hs.5003:AB007925
 35 F-HEMBA1000622//Homo sapiens DEC-205 mRNA, complete cds//5.2e-34:592:68//Hs.153563:AF011333
 F-HEMBA1000636//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//7.4e-22:166:84//Hs.26252:
 AA643235
 F-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//2.1e-138:639:99//Hs.60103:
 AB014590
 40 F-HEMBA1000655//ESTs//1.2e-54:503:77//Hs.140864:AA176174
 F-HEMBA1000657//Mucin 1, transmembrane//0.99:219:61//Hs.89603:J05582
 F-HEMBA1000662//ESTs//2.2e-52:257:99//Hs.63243:AI123912
 F-HEMBA1000673//H.sapiens mRNA for translin associated protein XI//1.7e-47:366:79//Hs.96247:X95073
 F-HEMBA1000682//Oxytocin receptor//4.7e-59:673:72//Hs.2820:X64878
 45 F-HEMBA1000686
 F-HEMBA1000702
 F-HEMBA1000705//EST//0.047:363:60//Hs.136379:AA521309
 F-HEMBA1000719//ESTs//2.7e-68:333:98//Hs.146195:AI039850
 F-HEMBA1000722//ESTs//0.49:283:60//Hs.21108:N92630
 50 F-HEMBA1000726//EST//1.1e-45:183:87//Hs.149580:AI281881
 F-HEMBA1000727//ESTs//4.8e-95:442:100//Hs.22119:AA885491
 F-HEMBA1000747
 F-HEMBA1000749//ESTs//8.0e-14:108:77//Hs.154892:AI091568
 F-HEMBA1000752//EST//1.3e-25:344:69//Hs.160992:H52716
 55 F-HEMBA1000769//ESTs//0.0018:206:63//Hs.153268:AA887239
 F-HEMBA1000773//ESTs//0.56:336:58//Hs.105964:N35803
 F-HEMBA1000774//EST//4.0e-38:312:79//Hs.162197:AA535216
 F-HEMBA1000791//ESTs//2.8e-87:413:99//Hs.112050:AA431300

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F-HEMBA1000817//ESTs//5.6e-124:617:96//Hs.101366:AA167536
 F-HEMBA1000822//ESTs//0.94:347:58//Hs.23905:AA928542
 F-HEMBA1000827//EST//0.064:133:60//Hs.138738:N58367
 F-HEMBA1000843
 5 F-HEMBA1000851//Fragile X mental retardation 1//0.014:219:62//Hs.89764:X69962
 F-HEMBA1000852//Arylsulfatase D//6.7e-38:244:75//Hs.43887:X83572
 F-HEMBA1000867
 F-HEMBA1000869//ESTs//5.1 e-33:166:77//Hs.141186:R99609
 F-HEMBA1000870//EST//0.032:130:66//Hs.157351:AI367237
 10 F-HEMBA1000872//ESTs//2.4e-20:134:92//Hs.155982:AA406047
 F-HEMBA1000876//EST//5.3e-20:233:72//Hs.124339:AA829660
 F-HEMBA1000908//ESTs//5.4e-28:219:84//Hs.12247:AI203154
 F-HEMBA1000910//Human DNA sequence from clone 14O9 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-
 Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene
 15 and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and ge-
 nomic marker DXS8032//2.8e-11:309:65//Hs.4943:Z98046
 F-HEMBA1000918//ESTs//0.11:234:59//Hs.96499:AA252537
 F-HEMBA1000919//Human mRNA for histone H1x, complete cds//0.18:221:64//Hs.109804:D64142
 F-HEMBA1000934//Homo sapiens mRNA for KIAA0547 protein, complete cds//3.8e-09:360:62//Hs.36850:
 20 AB011119
 F-HEMBA1000942//ESTs, Highly similar to PMS4 homolog mismatch repair protein [H.sapiens]//9.4e-10:77:93//
 Hs.111445:H00596
 F-HEMBA1000943//ESTs, Highly similar to ZINC FINGER PROTEIN 10 [Homo sapiens]//0.0039:54:92//Hs.58338:
 AA609476
 25 F-HEMBA1000946//Phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide-synthetase, phos-
 phoribosylaminoimidazole synthetase//0.93:132:66//Hs.82285:X54199
 F-HEMBA1000960//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//
 0.080:128:71//Hs.118972:AA761369
 F-HEMBA1000968//Human transposon-like element mRNA//2.8e-95:352:87//Hs.84775:M23161
 30 F-HEMBA1000971//ESTs//8.4e-88:417:98//Hs.128631:AI127903
 F-HEMBA1000972//EST//0.75:134:64//Hs.117228:AA682775
 F-HEMBA1000974//ESTs//1.3e-103:497:98//Hs.126786:U74314
 F-HEMBA1000975//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//1.3e-05:424:59//Hs.
 159564:AF061936
 35 F-HEMBA1000985//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.0036:389:60//Hs.
 127338:AB007961
 F-HEMBA1000986//ESTs//0.00025:272:64//Hs.12364:H09132
 F-HEMBA1000991//Homo sapiens mRNA for Hrs, complete cds//3.9e-24:193:84//Hs.24756:U43895
 F-HEMBA1001007//EST//0.96:70:71//Hs.163258:AA828835
 40 F-HEMBA1001008//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.9e-43:472:74//Hs.
 46468:U45984
 F-HEMBA1001009//Immunoglobulin mu//0.18:367:59//Hs.75758:X58529
 F-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds//1.4e-140:661:98//Hs.158287:
 AB007937
 45 F-HEMBA1001019//EST//4.1e-14:251:68//Hs.148769:AI239572
 F-HEMBA1001020//Von Hippel-Lindau syndrome//2.2e-28:253:69//Hs.78160:AF010238
 F-HEMBA1001022
 F-HEMBA1001024//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.8e-28:376:72//Hs.
 159897:AB007970
 50 F-HEMBA1001026//Homo sapiens klotho mRNA, complete cds//1.3e-05:745:57//Hs.94592:AB005142
 F-HEMBA1001043//ESTs//2.1e-28:448:67//Hs.112469:AA598515
 F-HEMBA1001051//EST//3.1e-48:310:87//Hs.149580:AI281881
 F-HEMBA1001052//EST//0.94:149:67//Hs.31216:AI017971
 F-HEMBA1001059//N-ACETYLGALACTOSAMINE-6-SULFATASE PRECURSOR//4.6e-165:777:98//Hs.159479:
 55 U06088
 F-HEMBA1001060//ESTs//6.8e-14:150:78//Hs.24821:AA044813
 F-HEMBA1001071//Alpha-1 type 3 collagen//3.5e-32:181:96//Hs.119571:X14420
 F-HEMBA1001077//ESTs, Moderately similar to transcription intermediary factor 1 [H.sapiens]//1.1e-98:487:97//

Hs.147802:R71297
 F-HEMBA1001080//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//0.013:385:58//Hs.69949:M94172
 F-HEMBA1001085//Human hSIAH2 mRNA, complete cds//0.55:338:59//Hs.20191:U76248
 5 F-HEMBA1001088//Human PINCH protein mRNA, complete cds//7.3e-73:303:78//Hs.83987:U09284
 F-HEMBA1001094//Interleukin 8//0.092:530:58//Hs.624:M17017
 F-HEMBA1001099
 F-HEMBA1001109//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.4-61:341:85//Hs.5247:AF029750
 F-HEMBA1001121//EST//7.3e-13:265:64//Hs.142423:AA412497
 10 F-HEMBA1001122//Homo sapiens mRNA for KIAA0471 protein, complete cds//0.066:649:56//Hs.5347:AB007940
 F-HEMBA1001123//Homo sapiens mRNA for KIAA0448 protein, complete cds//1.5e-10:231:68//Hs.27349:AB007917
 F-HEMBA1001133//EST//0.50:222:63//Hs.131018:AI015747
 F-HEMBA1001137//Homo sapiens mRNA for KIAA0798 protein, complete cds//2.2e-73:527:77//Hs.159277:AB018341
 15 F-HEMBA1001140//Homo sapiens mRNA for KIAA0682 protein, complete cds//0.020:141:65//Hs.7482:AB014582
 F-HEMBA1001172//EST//0.77:158:60//Hs.158894:AI378457
 F-HEMBA1041174//ESTs//1.4e-63:363:92//Hs.132798:AA922226
 F-HEMBA1001197//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//5.0e-54:555:71//Hs.55165:AA573499
 20 F-HEMBA1001208//EST//6.2e-26:213:77//Hs.146964:AI183463
 P-HEMBA1001213//Human mRNA for KIAA0013 gene, complete cds//0.026:569:57//Hs.48824:D87717
 F-HEMBA1001226//ESTs//1.9e-11:407:65//Hs.157977:AI369694
 F-HEMBA1001235//ESTs//0.0042:161:63//Hs.155170:AA167748
 25 F-HEMBA1001247//ESTs//1.2e-91:429:99//Hs.143304:AI084058
 F-HEMBA1001257//Human zinc finger protein (MAZ) mRNA//0.017:330:62//Hs.7647:M94046
 F-HEMBA1001265
 F-HEMBA1001281
 F-HEMBA1001286//Natriuretic peptide precursor B//0.76:163:63//Hs.937:AL021155
 30 F-HEMBA1001289//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//5.1e-30:530:64//Hs.154050:AC004131
 F-HEMBA1001294//Homo sapiens mRNA for matrilin-3//0.00023:657:56//Hs.119534:AJ224741
 F-HEMBA1001299//Small inducible cytokine A5 (RANTES)//2.2e-27:271:77//Hs.155464:AF088219
 F-HEMBA1001302//ESTs, Moderately similar to Cab45a [M.musculus]//3.3e-53:272:97//Hs.154563:AI129590
 35 F-HEMBA1001303//ESTs, Weakly similar to RNA splicing-related protein [R.norvegicus]//2.6e-66:241:99//Hs.120847:AA731201
 F-HEMBA1001310//ESTs//2.0e-21:133:93//Hs.159116:W55873
 F-HEMBA1001319//Homo sapiens mRNA for KIAA0758 protein, partial cds//0.23:562:58//Hs.22039:AB018301
 F-HEMBA1001323//Wingless-type MMTV integration site 5A, human homolog//2.5e-31:165:99//Hs.152213:L20861
 40 F-HEMBA1001326//ESTs, Highly similar to HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION [Saccharomyces cerevisiae]//8.9e-08:185:68//Hs.108734:AI073427
 F-HEMBA1001327//ESTs//0.085:337:60//Hs.114157:AA703013
 F-HEMBA1001330//EST//0.0018:225:63//Hs.127987:AA970569
 45 F-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds//3.6e-105:516:97//Hs.9006:AF057358
 F-HEMBA1001361//ESTs//1.2e-62:317:97//Hs.6639:R39794
 F-HEMBA1001375//ESTs//0.93:180:60//Hs.148425:AI198074
 F-HEMBA1001377//ESTs//9.2e-87:414:99//Hs.48469:N62156
 50 F-HEMBA1001383//ESTs//0.0023:336:60//Hs.140622:AA844353
 F-HEMBA1001387//ESTs, Highly similar to RAS-LIKE PROTEIN TC10 [Homo sapiens]//1.0e-132:643:97//Hs.124217:AA020848
 F-HEMBA1001388
 F-HEMBA1001391//ESTs//5.6e-32:191:93//Hs.71628:N41660
 55 F-HEMBA1001398
 F-HEMBA1001405//EST//1.0:135:63//Hs.146833:AI151117
 F-HEMBA1001407//ESTs//10.53:390:57//Hs.150447:AI017798
 F-HEMBA1001411//EST//8.8e-06:270:62//Hs.145386:AI253108

F-HEMBA1001413
 F-HEMBA1001415//EST//1.3e-12:176:75//Hs.133172:AI051605
 F-HEMBA1001432//RING3 PROTEIN//0.57:345:59//Hs.75243:D42040
 F-HEMBA1001433//ESTs//1.3e-21:333:69//Hs.131648:AI025726
 5 F-HEMBA1001435//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.2e-74:469:80//Hs.1361:M55053
 F-HEMBA1001442//EST//0.29:181:64//Hs.116883:AA663031
 F-HEMBA1001446//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//6.8e-47:550:71//Hs.55165:AA573499
 10 F-HEMBA1001450//Homo sapiens GTPase-activating protein (SIPA1) mRNA, complete cds//0.82:312:58//Hs.7019:AB005666
 F-HEMBA1001454//ESTs//1.2e-46:297:80//Hs.152395:AA533107
 F-HEMBA1001455//ESTs//7.3e-103:502:97//Hs.112860:AA442412
 F-HEMBA1001463//Human mRNA for KIAA0392 gene, partial cds//8.7e-51:323:88//Hs.40100:AB002390
 15 F-HEMBA1001476//Homo sapiens mRNA for KIAA0572 protein, partial cds//6.2e-104:489:99//Hs.14409:AB011144
 F-HEMBA1001478//EST//0.013:205:61//Hs.157309:AI365451
 F-HEMBA1001497//Small inducible cytokine A5 (RANTES)//5.9e-45:307:84//Hs.155464:AF088219
 F-HEMBA1001510//H.sapiens mRNA for G13 protein//2.1e-71:405:92//Hs.42853:X98054
 20 F-HEMBA1001515//Human Line-1 repeat mRNA with 2 open reading frames//4.5e-105:773:82//Hs.23094:M19503
 F-HEMBA1001517//EST//3.6e-09:271:65//Hs.162347:AA564902
 F-HEMBA1001522//ESTs//4.3e-13:85:95//Hs.126707:AI376869
 F-HEMBA1001526
 25 F-HEMBA1001533//EST//1.0:75:73//Hs.145360:AI252476
 F-HEMBA1001557//EST//3.5e-13:261:64//Hs.161496:N66580
 F-HEMBA1001566//EST//3.7e-07:354:64//Hs.43830:N26652
 F-HEMBA1001569//Homo sapiens mRNA for vesicle associated membrane protein 2 (VAMP2)//8.0e-68:338:97//Hs.91589:M36205
 30 F-HEMBA1001570//ESTs//1.5e-47:369:82//Hs.107657:AA126814
 F-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//7.0e-175:678:99//Hs.159597:AJ012449
 F-HEMBA1001581//ESTs//4.4e-07:237:67//Hs.152304:AA605184
 F-HEMBA1001585//ESTs//1.1e-11:81:100//Hs.16364:AI357228
 35 F-HEMBA1001589//Human mRNA for KIAA0166 gene, complete cds//0.82:210:64//Hs.115778:D79988
 F-HEMBA1001595//Human mRNA for KIAA0128 gene, partial cds//2.6e-110:855:78//Hs.90998:D50918
 F-HEMBA1001608//EST//1.0:201:60//Hs.136747:AA749210
 F-HEMBA1001620//ESTs//1.5e-39:211:98//Hs.131063:AI016400
 F-HEMBA1001635//ESTs//4.0e-33:168:100//Hs.122655:AI361870
 40 F-HEMBA1001636//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//0.038:198:64//Hs.34579:AI338536
 F-HEMBA1001640//ESTs//1.1e-24:315:71//Hs.34114:AA776899
 F-HEMBA1001647//Human plectin (PLEC1) mRNA, complete cds//0.00049:629:61//Hs.79706:U53204
 F-HEMBA1001651//EST//3.6e-07:285:63//Hs.132558:AA948560
 45 F-HEMBA1001655//ESTs//1.4e-95:497:96//Hs.59563:AA203283
 F-HEMBA1001658//EST//0.18:251:59//Hs.117724:H47121
 F-HEMBA1001661
 F-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//7.9e-146:669:99//Hs.107254:AC005943
 50 F-HEMBA1001675//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//2.0e-57:447:79//Hs.158095:AB007953
 F-HEMBA1001678//ESTs//4.0e-50:360:83//Hs.146811:AA410788
 F-HEMBA1001681//EST//1.0:165:58//Hs.136790:AA776060
 F-HEMBA1001702//EST//0.015:312:61//Hs.162839:AA648760
 55 F-HEMBA1001709//EST//0.85:131:65//Hs.131451:AI023995
 F-HEMBA1001711//ESTs//0.084:425:56//Hs.125346:AI302836
 F-HEMBA1001712//EST//0.26:214:59//Hs.159088:AI383114
 F-HEMBA1001714//ESTs, Highly similar to ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR [Rattus nor-

vegicus//3.0e-30:195:92//Hs.132948:AA194452
 F-HEMBA1001718//EST//0.0044:275:60//Hs.125969:AA889554
 F-HEMBA1001723//INTERLEUKIN ENHANCER-BINDING FACTOR//0.24:501:57//Hs.101524:U58197
 F-HEMBA1001731//EST//1.2e-06:261:63//Hs.132331:AI028363
 5 F-HEMBA1001734//ESTs//0.018:177:63//Hs.129631:AI000415
 F-HEMBA1001744//EST//8.7e-77:420:92//Hs.133226:AI052250
 F-HEMBA1001745//Homo sapiens mRNA for TSC403 protein, complete cds//0.37:300:62//Hs.10887:AB013924
 F-HEMBA1001746//ESTs//0.31:168:66//Hs.27237:N68328
 F-HEMBA1001761//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//0.76:218:60//Hs.135553:
 10 N41598
 F-HEMBA1001781//Homo sapiens chromosome 19, cosmid R30953//0.98:219:60//Hs.98776:AC005622
 F-HEMBA1001784//Homo sapiens mRNA for KJAA0474 protein, complete cds//6.4e-09:265:67//Hs.158232:
 AB007943
 F-HEMBA1001791
 15 F-HEMBA1001800//EST//3.1e-41:331:81//Hs.127142:AA937570
 F-HEMBA1001803//EST//0.0062:269:59//Hs.49075:N64817
 F-HEMBA1001804//Human POU domain protein (Brn-3b) mRNA, complete cds//1.8e-07:439:59//Hs.266:U06233
 F-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//2.5e-175:809:98//Hs.
 118164:AB007969
 20 F-HEMBA1001809//ESTs//6.0e-101:497:97//Hs.155127:AA625305
 F-HEMBA1001815
 F-HEMBA1001819//Human kruppel-related zinc finger protein (ZNF184) mRNA, partial cds//4.9e-80:842:70//Hs.
 158174:U66561
 F-HEMBA1001820//EST//0.057:214:62//Hs.148715:A1223845
 25 F-HEMBA1001822//Homo sapiens intersectin short form mRNA, complete cds//6.7e-42:510:65//Hs.66392:
 AF064244
 F-HEMBA1001824//Homo sapiens OPA-containing protein mRNA, complete cds//5.2e-13:253:68//Hs.85313:
 AF071309
 F-HEMBA1001835//Human mRNA for KIAA0235 gene, partial cds//0.96:288:60//Hs.6151:D87078
 30 F-HEMBA1001844//ESTs//1.1e-29:197:80//Hs.I55243:N70293
 F-HEMBA1001847//Human mRNA for KIAA0326 gene, partial cds//2.0e-23:379:68//Hs.6833:AB002324
 F-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds//2.8e-185:865:98//Hs.78946:
 AB014517
 F-HEMBA1001864//EST//0.27:145:63//Hs.162585:AA593121
 35 F-HEMBA1001866//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE
 PRECURSOR [D.melanogaster]//3.2e-39:293:84//Hs.152332:AI141922
 F-HEMBA1001869//ESTs, Weakly similar to ASH1 [D.melanogaster]//8.1e-70:367:95//Hs.15423:T84036
 F-HEMBA1001888//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//5.4e-86:835:76//Hs.
 158095:AB007953
 40 F-HEMBA1001896
 F-HEMBA1001910//Human calpain-like protease (htra-3) mRNA, complete cds//0.43:114:71//Hs.6133:U94346
 F-HEMBA1001912//ESTs//4.1e-79:398:97//Hs.26660:AI312633
 F-HEMBA1001913//Homo sapiens TNF-alpha stimulated ABC protein (ABC50) mRNA, complete cds//0.00031:
 200:62//Hs.9573:AF027302
 45 F-HEMBA1001915//EST//0.082:128:64//Hs.126542:AA916511
 F-HEMBA1001918//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.46:374:59//Hs.31575:AF100141
 F-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//6.7e-186:
 855:99//Hs.154934:AF000145
 F-HEMBA1001939//ESTs//4.9e-34:342:77//Hs.132711:AI377295
 50 F-HEMBA1001940//ESTs//8.6e-15:149:81//Hs.141129:R86221
 F-HEMBA1001942//ESTs//0.0014:271:62//Hs.124514:AI219882
 F-HEMBA1001945//EST//0.98:142:64//Hs.161540:N85943
 F-HEMBA1001950//ESTs//0.99:188:64//Hs.28639:R78360
 F-HEMBA1001960//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//0.30:85:69//
 55 Hs.25674:AF072242
 F-HEMBA1001962//ESTs//0.0012:289:59//Hs.125492:AA938930
 F-HEMBA1001964//EST//0.73:153:64//Hs.112161:AA477708
 F-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/

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Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs//4.6e-156:720:99//Hs.11050:AL031178

F-HEMBA1001979//ESTs//0.86:184:67//Hs.77208:AA044732

F-HEMBA1001987//ESTs, Moderately similar to hTAFII68 [H.sapiens]//2.8e-29:151:100//Hs.124106:AA948100

5 F-HEMBA1001991//Homo sapiens clone 24540 mRNA sequence//0.049:121:70//Hs.153529:AF070581

F-HEMBA1002003//Keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)//9.8e-09:294:63//Hs.99936:X14487

F-HEMBA1002008//ESTs//0.12:299:59//Hs.132803 :W63582

10 F-HEMBA1002018//PROTEIN-TYROSINE PHOSPHATASE ZETA PRECURSOR//0.98:212:64//Hs.78867:M93426

F-HEMBA1002022//Human p37NB mRNA, complete cds//0.00044:58:96//Hs.155545:U32907

F-HEMBA1002035//EST//6.4e-07:145:68//Hs.135336:AI049827

F-HEMBA1002039//EST//0.99:79:67//Hs.98451:AA426057

F-HEMBA1002049//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.5e-26:223:81//Hs.105292:AA504776

15 F-HEMBA1002084

F-HEMBA1002092

F-HEMBA1002100//Homo sapiens zinc finger homeodomain protein (ATBF1-A) mRNA, complete cds//5.6e-21:124:96//Hs.101842:L32832

20 F-HEMBA1002102//ESTs, Highly similar to ANKYRIN [Mus musculus]//5.9e-09:434:62//Hs.135102:AI190276

F-HEMBA1002113//ESTs//0.049:255:63//Hs.106137:AI129973

F-HEMBA1002119

F-HEMBA1002125//H.sapiens ERF-2 mRNA//0.026:341:59//Hs.78909:U07802

F-HEMBA1002139//ESTs//0.082:309:60//Hs.36383:W52393

25 F-HEMBA1002144//Human mRNA for KIAA0227 gene, partial cds//5.6e-06:601:60//Hs.79170:D86980

F-HEMBA1002150//Homo sapiens mRNA for KIAA0720 protein, partial cds//5.6e-06:353:62//Hs.23741:AB018263

F-HEMBA1002151

F-HEMBA1002153//EST//10.014:328:60//Hs.149115:AI244695

F-HEMBA1002160//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//5.6e-49:303:79//Hs.158241:AB007976

30 F-HEMBA1002161//Myosin, heavy polypeptide 7, cardiac muscle, beta//1.2e-40:616:67//Hs.929:M57965

F-HEMBA1002162//Homo sapiens mRNA for XPR2 protein//3.4e-48:749:67//Hs.44766:AJ007590

F-HEMBA1002166//Small inducible cytokine A5 (RANTES)//2.1e-60:485:79//Hs.155464:AF088219

F-HEMBA1002177//Homo sapiens yotiao mRNA, complete cds//2.4e-19:151:86//Hs.114808:AF026245

35 F-HEMBA1002185//EST//0.00011:233:65//Hs.125552:AA884141

F-HEMBA1002189//EST//5.1 e-24:193:81//Hs.163161:AA778363

F-HEMBA1002191//Homo sapiens mRNA for KIAA0689 protein, partial cds//0.27:382:59//Hs.21992:AB014589

F-HEMBA1002199//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.2e-14:199:72//Hs.159897:AB007970

40 F-HEMBA1002204//ESTs//0.46:312:59//Hs.61210:AA024696

F-HEMBA1002212//ESTs//1.0:191:63//Hs.149752:AI285767

F-HEMBA1002215//ESTs, Highly similar to TESTIN 2 PRECURSOR [Mus musculus]//1.6e-47:251:96//Hs.59906:AA001281

F-HEMBA1002226//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//2.4e-57:375:71//Hs.67619:AB007957

45 F-HEMBA1002229//Homo sapiens KIAA0395 mRNA, partial cds//7.9e-47:377:80//Hs.43681:AL022394

F-HEMBA1002237//EST//0.044:1 37:66//Hs.144448:AA812455

F-HEMBA1002241

F-HEMBA1002253//EST//2.2e-41:219:96//Hs.137065:AA888887

50 F-HEMBA1002257//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//1.1e-152:731:97//Hs.159564:AF061936

F-HEMBA1002265//ESTs//5.4e-11:337:65//Hs.112639:AI125420

F-HEMBA1002267//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//1.0:395:60//Hs.150926:AF017445

55 F-HEMBA1002270//ESTs//2.5e-87:504:89//Hs.124440:H95404

F-HEMBA1002321//Homo sapiens oxidized low-density lipoprotein receptor mRNA, complete cds//0.17:338:60//Hs.77729:AB010710

F-HEMBA1002328//ESTs//7.9e-103:480:99//Hs.123318:AI201982

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